

HAINES SURVEYS

GRAVITY SURVEY SPECIALISTS



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SINOSTEEL GRAVITY GRAVITY SURVEY SINOSTEEL AUSTRALIA LIMITED FEBRUARY 2008

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Contents

Introduction	2
Location Diagram	3
GPS Observations and Processing	4
Gravity Observations	4
Survey Control	5
Point Numbering and Marking	6
Gravity Processing	7
Results Formats	9
Production Log	10
Repeat Observation Results	11
Plots-	
Proposed Station Locations	22
Stations Locations	23
Stations Locations and Bouguer Anomaly Contours	24
Bouguer Anomaly Contours and Zoned Image	25
Bouguer - Elevation Profiles	26
Processed Results	27

Introduction

A detailed GPS gravity survey designated as Sinosteel Gravity Survey has been carried out in an area approximately 50 kilometres South of Burnie in Tasmania, Australia over 43 days from the 15th of February 2008 to the 28th of March 2008 on behalf of Sinosteel Australia Limited.

The proposed Sinosteel gravity survey consisted of 2614 detailed gravity stations in an irregular grid comprising 31 West - East trending lines coincident with GDA94 with a line spacing of 500 metres and station intervals of 100 metres. The lines of irregular length were bounded in the west by GDA94 Zone 53 389130E, in the east by 404130E, in the south by 5396170N and in the north by 5411170N. The line lengths ranged from 2000 metres to 14800 metres.

The completed Sinosteel gravity survey comprised of 1797 stations in 59 lines. Due to the dense foliage, and tree canopy, many proposed stations were unable to be observed. The GPS satellite signals are not able to penetrate thick tree coverage. The survey crew modified the lines as required to obtain the best coverage possible. Coverage was obtained in the more open areas and along cleared tracks or roads.

There were 150 observations repeated for quality control purposes, giving a repeat percentage of 8.3%.

The Bouguer anomaly processing has been performed using a country rock density of 2.67 g/cc.

Figure 1 below shows the location of the survey area.

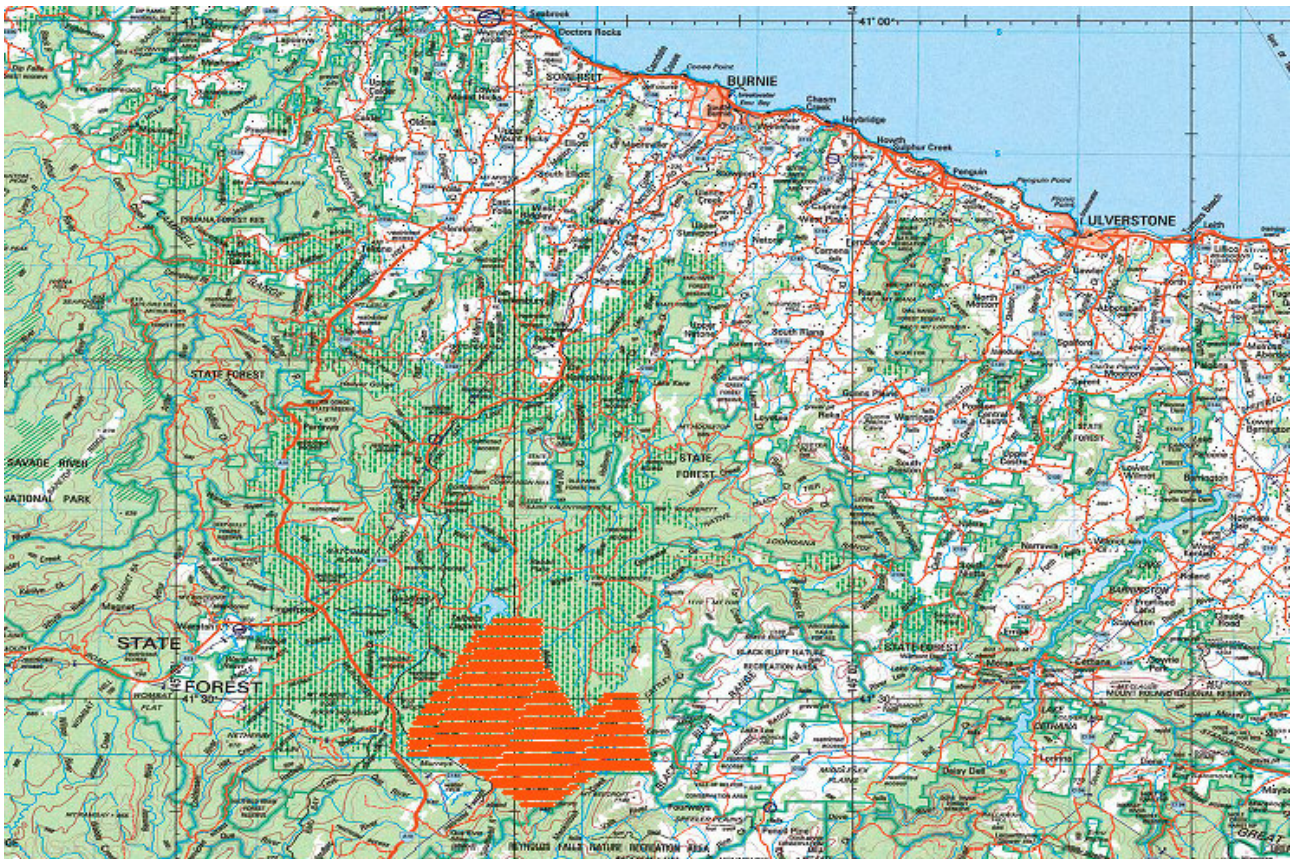


Figure 1. Location Diagram

GPS Observations and Processing

Carrier phase GPS data has been collected using *Trimble 4000* series geodetic receivers.

Measurements to existing control have been made using Static techniques. All static baselines have been processed to double difference fixed solutions resulting in horizontal and vertical precision of approximately 2 cm.

Measurements for detail gravity observations have been made using Real Time Kinematic (RTK) techniques giving horizontal and vertical precision of at least 5 cm.

Measurements for post processed observations have been made using Static techniques with baselines processed to double difference fixed solutions resulting in horizontal and vertical precision of approximately 2 cm.

Static baseline processing has been done using Trimble GPSurvey Version 2.35 software and RTK processing using Trimble Geomatics Office Version 1.01 software.

Details of Horizontal and Vertical control are given in the sections below.

The GPS ellipsoidal heights (WGS84 datum) have been corrected to orthometric heights (AHD) using the AusGeoid98 geoid model for the control and the gravity stations.

Gravity Observations

Gravity measurements have been made using *Scintrex CG5 Autograv* instruments. The instrument number 971109404, 961009346, 971190397 was used in this project.

Readings of 120 seconds were taken at base station. Readings of 40 seconds were taken at all other gravity survey points.

Base station readings were taken at the beginning of the day and at the end of the day's fieldwork.

The CG3 instrument applies an instrument drift correction to its final gravity reading. Any residual drifts between base station readings are corrected by the gravity post processing software. The instrument also applies Earth Tide Correction to its final gravity reading at each station. The instrument calibration constants are contained in the daily gravity data files.

Survey and Gravity Datum

Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)
Map Grid of Australia 1994 (MGA94)
Zone 55

Vertical Datum: Australian Height Datum (AHD)]

Gravity Datum: Isogal 1984 / IGSN 71

Survey Control

A base station was established in the survey area. It was placed on a hill central to the project to provide good VHF radio coverage for the RTK system. The base is designated as Base 2008.0301. The actual base is marked with a short star picket driven flush with the natural surface. The base is witnessed by a long star picket within 0.3m of the ground mark standing about 1m tall. Two aluminum tags are attached with the inscription "Haines Surveys" and "Gravity YYYY.JJNN".

A sub-base was located within 5 minutes drive of the main base to provide a backup base station to the main base in case loop ties to the main base were poor. It is not marked but the approximate coordinates (+/- 10m) listed in the table define it's location.

Horizontal and vertical control has been established using the AUSPOS online GPS processing service provided by Geoscience Australia. This method provides control within the GDA94 Datum to within +/- 5 cm. It largely replaces the need for finding local survey marks or allows accurate control to be established when local marks are not available.

A total of 25.7hours (at 10 second intervals) of observations were logged over 4 days. The following outlines the cartesian coordinate precision attained per day.

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
2008.0301	0.01	0.007	0.007	2008/02/16
2008.0301	0.009	0.006	0.006	2008/02/17
2008.0301	0.006	0.003	0.006	2008/02/18
2008.0301	0.009	0.006	0.006	2008/02/19

Since GDA94 and WGS84 (Global Positioning System Datum) are virtually equivalent the GDA94 values can be directly input into the GPS processing software for all calculations.

Vertical control has been converted to an Australian Height Datum (AHD) height using the GDA94 height determined from AUSPOS and the AUSGEOID98 gravimetric geoid.

Gravity control for 2008.0301 base station was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using classical A-B-A ties from gravity station 1964919142 (6491.9142) The values for 6491.9142 were attained from Geoscience Australia in Canberra.

Control information (WGS84 heights have been derived using AusGeoid98):

SINOSTEEL GRAVITY SURVEY

Station	GDA 94			MGA Zone 55		AHD	Isogal84
	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mGal
2008.0301	-41-30 -46.98760	145 44 54.76580	720.329	395570.137	5403530.780	721.291	980141.960
6491.9142	-40 49 42.64320	145 05 01.95360	-	338429.658	5478512.747	-	980262.572

Point Numbering and Marking

Where possible, an 8 digit point number was used to identify each gravity station. The first 4 digits indicate the line number. The second 4 digits indicate the station number

The lines are West-East and the 8 digits are constructed from the planned GDA coordinates for each gravity station using

Line No = (GDA N – 5000000) / 100)

Stn No = (GDA E / 100)

eg. Planned gravity station GDA coordinates

5411170.000N

394130.000E

Line No = 4111

Station No = 3961

ie, Pt No = 4111.3961

Station numbers have been partly expanded in the processed data to show metres, that is, the Line Numbers = GDA N– 5000000 and Station Numbers = GDA E / 100.

The gravity stations have not been marked in the field.

Traverse lines were used on tracks and in cleared areas, to obtain data where the proposed stations could not be observed, the traverse line numbers commenced at line 1000 and were incremented by 10. The station increments were 1.

Eg; line 1000 - Station 0001,0002 etc
 line 1010 - Station 0001,0002,0003 etc

These numbers do not correspond with GDA coordinates.

Gravity Processing

The gravity values for this survey are related to the *Australian Gravity Base Station Network* using the *Isogal84 (IGSN 71)* values at known Gravity Stations as provided by DMR.

Note that all gravity values shown in these surveys are expressed in units of milligals.

The field gravity observations have been processed using standard formulae and constants to produce a Bouguer Anomaly for each gravity station.

The meter reading as recorded in the raw Scintrex data file is corrected for instrument tilts, meter drift and Earth Tide. Post-processing corrections are detailed below.

Drift

The residual drift between base station readings is calculated for each station reading proportionately by time. This is the drift value shown in the processing output.

$$\text{Drift} = [(t_1 - t_n) ((b_2 - b_1) / (t_2 - t_1))]$$

- t_n = time of meter reading at each station
- b_1 = base meter reading prior to station reading
- t_1 = time of base reading b_1
- b_2 = base meter reading after station reading
- t_2 = time of base reading b_2

Obs mgal

This is the observed gravity value in milligals.

$$\text{Obs} = b_g + (r_n - \text{drift}) - b_1$$

- b_g = base stn gravity value (Isogal84)
- r_n = meter reading at each station as shown in the CG3 .dat file
- drift = residual drift correction as shown above
- b_1 = base meter reading prior to station reading

Anom

This is the difference between the observed gravity and the theoretical gravity value at each station. The theoretical value is calculated using the *1967 International Gravity Formula*.

$$\text{Anom} = \text{Obs} - g_{th}$$

Obs = observed gravity as explained above

$$g_{th} = 978031.8 (1 + 0.0053024 \sin^2\phi - 0.0000059 \sin^2 2\phi)$$

ϕ = WGS84 Latitude

Freeair corrn

The freeair correction is calculated using

$$\text{Freeair corrn} = 0.3086 H$$

H = height above sea level (AHD height)

Bouguer corrn

$$\text{Bouguer corrn} = -0.04191 \rho H$$

ρ = density (2.67 g/cc used for this survey)

H = height above sea level (AHD height)

Bouguer Anom

$$\text{Bouguer Anom} = \text{Anom} + \text{Freeair corrn} + \text{Bouguer corrn}$$

Results Formats

Printed results of the gravity processing (with Bouguer corrections at density 2.67 g/cc) are included in the Appendix of this report. The results are also supplied in digital form on Compact Disc with the following of files being supplied in a separate sub directory call Processed Data.

ALLCSV.CSV

Field gravity observation files with the extension .DAT and .DC and summarised GPS baseline solution files with extension .GPS are also supplied in a separate subdirectory named Raw Data.

A digital copy of this report is also on the compact disc in the root Directory

ALLCSV.CSV Format

This is a Comma Separated Variable format file. This format facilitates data import into spreadsheet and database software. Each record (line) contains the following data fields:

Pt Number, Line No, Station No, Date, Day Number, Local Time, WGS Latitude, WGS Longitude, WGS Height, GDA East, GDA North, AHD Height, Meter reading, Meter reading standard deviation, Earth Tide Correction, drift correction, corrected meter reading, gravity difference (mgal) from base, observed gravity (mgals), gravity anomaly, free-air correction, Bouguer correction (2.67), Bouguer anomaly

***.DAT**

These are the raw data files from the *Scintrex CG5* gravimeter. There is a separate file for each day's data for each field party. The files are identified by the Julian day number (001 = Jan 1st) with the prefix G. eg. G142 = day 142 (21st May).

***.DC**

These are the GPS Real Time Kinematic Data Collector files. They are ASCII format files containing the GPS vectors from the base station. The data is structured in a Trimble format (DC file Version 4).

***.GPS**

These are the GPS solution summaries for all post processed Fast Static baselines with a separate file for each day's solutions. Each record (line) contains the following data fields:

Station, Solution Type, GPS Time, WGS84 Latitude, WGS84 Longitude, WGS84 Height, WGS84 dX, WGS84 dY, WGS84 dZ, Wgs84 dH, Baseline Distance, Solution Reference Variance, Solution RMSE, Rover Antenna Height, Baseline Standard Deviation , Solution Variance Ratio, Observation Count/Rejects, Observation Start time, Observation Finish time

PRODUCTION LOG**Sinosteel Gravity Survey –
Production Log**

Daily Production Tally					
Date	GPS Day	Crew A	Crew B	Repeats	Comments
15-Feb-08	046	4			Set up base, began fieldwork
16-Feb-08	047	38		2	Fieldwork, very thick button grass
17-Feb-08	048	22		2	Grav tie to Devonport , field work
18-Feb-08	049	22		1	Grav tie to Smithton A/S terminal
19-Feb-08	050	38		2	Field work Radio trouble some PPI
20-Feb-08	051	45		3	Field work
21-Feb-08	052	52		3	Fieldwork
22-Feb-08	053	51		3	Fieldwork
23-Feb-08	054	-		-	Rained out - Standby
24-Feb-08	055	-		-	Rained out - Standby
25-Feb-08	056	39		1	Fieldwork
26-Feb-08	057	33		2	Fieldwork
27-Feb-08	058	48		3	Fieldwork
28-Feb-08	059	30		3	Fieldwork
29-Feb-08	060	41		3	Fieldwork
1-Mar-08	061	49		3	Fieldwork
2-Mar-08	062	47		2	Fieldwork
3-Mar-08	063	44		2	Fieldwork
4-Mar-08	064	51		3	Fieldwork
5-Mar-08	065	47		3	Fieldwork
6-Mar-08	066	40		3	Fieldwork
7-Mar-08	067	51		3	Fieldwork
8-Mar-08	068	37		2	Thick trees poor Sat coverage
9-Mar-08	069	1	26	5	2nd Crew Arrived and began Production
10-Mar-08	070	31	35	5	Fieldwork
11-Mar-08	071	20	36	6	Fieldwork
12-Mar-08	072	39	37	6	Fieldwork
13-Mar-08	073	4	42	6	Crew A/Poor Gps Coverage
14-Mar-08	074	30	26	8	Fieldwork
15-Mar-08	075	26	43	7	Fieldwork
16-Mar-08	076	41	36	5	Fieldwork
17-Mar-08	077	30	23	6	Fieldwork
18-Mar-08	078	25	24	7	Fieldwork
19-Mar-08	079	19	26	8	Fieldwork
20-Mar-08	080	5	9	3	Rain Delays
21-Mar-08	081	33	35	6	Fieldwork
22-Mar-08	082	-	27	3	Fieldwork single crew
23-Mar-08	083	21	32	4	Fieldwork
24-Mar-08	084	14	22	4	Fieldwork
25-Mar-08	085	24	26	5	Fieldwork
26-Mar-08	086	-	-	-	Rained Out
27-Mar-08	087	43	34	5	Fieldwork
28-Mar-08	088	8	15	2	Fieldwork
Totals		1243	554	150	

Survey Total**1797**

Repeat Observation Results**SINOSTEEL GRAVITY SURVEY**

Pt #	Day	E	N	H	G	Bouguer
40363954	D 46	395427.245	5403669.887	703.818	980145.056	-20.632
40363954	D 47	395427.702	5403670.137	703.794	980145.057	-20.635
		-0.457	-0.25	0.024	-0.001	0.003
40363955	D 46	395530.925	5403672.125	708.131	980144.277	-20.562
40363955	D 48	395530.874	5403671.956	708.145	980144.275	-20.561
		0.051	0.169	-0.014	0.002	-0.001
40363956	D 46	395627.058	5403665.604	711.623	980143.428	-20.73
40363956	D 47	395627.045	5403665.539	711.641	980143.419	-20.736
		0.013	0.065	-0.018	0.009	0.006
40363958	D 47	395828.394	5403667.527	719.549	980142.174	-20.426
40363958	D 48	395828.2	5403667.678	719.518	980142.19	-20.416
		0.194	-0.151	0.031	-0.016	-0.01
40463944	D 48	394429.135	5404668.576	698.638	980146.507	-19.38
40463944	D 50	394429.206	5404668.673	698.655	980146.497	-19.387
		-0.071	-0.097	-0.017	0.01	0.007
40463951	D 48	395133.547	5404564.072	692.648	980146.799	-20.359
40463951	D 49	395133.905	5404563.889	692.623	980146.804	-20.36
		-0.358	0.183	0.025	-0.005	0.001
40563951	D 49	395134.839	5405673.203	687.882	980147.348	-19.851
40563951	D 50	395134.946	5405673.155	687.893	980147.35	-19.847
		-0.107	0.048	-0.011	-0.002	-0.004
40513934	D 50	393430.665	5405168.499	716.385	980143.169	-18.812
40513934	D 51	393430.597	5405168.529	716.354	980143.165	-18.821
		0.068	-0.03	0.031	0.004	0.009
40563937	D 50	393729.282	5405664.233	708.108	980144.796	-18.415
40563937	D 51	393729.389	5405664.3	708.132	980144.772	-18.435
		-0.107	-0.067	-0.024	0.024	0.02
40613951	D 50	395126.113	5406164.751	694.925	980146.223	-19.193
40613951	D 51	395126.254	5406164.82	694.918	980146.232	-19.185
		-0.141	-0.069	0.007	-0.009	-0.008
40513919	D 51	391930.609	5405181.153	692.207	980148.259	-18.449
40513919	D 52	391930.634	5405181.088	692.145	980148.272	-18.448
		-0.025	0.065	0.062	-0.013	-0.001
40513921	D 51	392130.126	5405159.322	673.646	980152.519	-17.86
40513921	D 52	392130.255	5405158.934	673.668	980152.529	-17.846
		-0.129	0.388	-0.022	-0.01	-0.014
40563918	D 51	391832.418	5405643.048	663.443	980154.327	-17.664
40563918	D 52	391832.659	5405643.015	663.446	980154.342	-17.649
		-0.241	0.033	-0.003	-0.015	-0.015
40563924	D 51	392431.807	5405657.011	676.433	980151.868	-17.564
40563924	D 59	392431.439	5405656.734	676.33	980151.846	-17.607
		0.368	0.277	0.103	0.022	0.043

40613947	D 51	394726.579	5406233.215	694.445	980146.456	-18.995
40613947	D 53	394726.977	5406233.14	694.388	980146.452	-19.01
		-0.398	0.075	0.057	0.004	0.015
40613950	D 51	395029.965	5406259.798	694.296	980146.414	-19.048
40613950	D 56	395029.855	5406259.939	694.306	980146.393	-19.067
		0.11	-0.141	-0.01	0.021	0.019
40413919	D 52	391926.383	5404168.665	695.312	980147.769	-19.147
40413919	D 53	391926.434	5404168.611	695.273	980147.763	-19.161
		-0.051	0.054	0.039	0.006	0.014
40463917	D 52	391729.693	5404670.886	696.27	980148.017	-18.302
40463917	D 53	391730.157	5404668.816	696.344	980147.984	-18.322
		-0.464	2.07	-0.074	0.033	0.02
40413920	D 53	392032.636	5404168.671	682.901	980150.507	-18.852
40413920	D 73	392032.904	5404169.613	682.98	980150.515	-18.827
		-0.268	-0.942	-0.079	-0.008	-0.025
40413921	D 53	392130.542	5404172.894	675.465	980152.217	-18.602
40413921	D 73	392130.447	5404172.897	675.533	980152.218	-18.587
		0.095	-0.003	-0.068	-0.001	-0.015
40413922	D 53	392225.829	5404172.627	679.905	980151.457	-18.49
40413922	D 73	392226.714	5404172.826	680.007	980151.455	-18.472
		-0.885	-0.199	-0.102	0.002	-0.018
40413924	D 53	392418.759	5404174.306	691.021	980148.85	-18.911
40413924	D 72	392418.779	5404174.191	691.102	980148.862	-18.883
		-0.02	0.115	-0.081	-0.012	-0.028
40413925	D 53	392529.945	5404171.762	698.442	980147.119	-19.186
40413925	D 67	392530.888	5404171.771	698.516	980147.105	-19.185
		-0.943	-0.009	-0.074	0.014	-0.001
40413927	D 53	392733.213	5404152.056	701.711	980146.775	-18.906
40413927	D 59	392733.379	5404151.844	701.709	980146.78	-18.901
		-0.166	0.212	0.002	-0.005	-0.005
40413929	D 53	392929.963	5404170.166	707.563	980145.349	-19.168
40413929	D 74	392928.731	5404170.453	707.578	980145.356	-19.158
		1.232	-0.287	-0.015	-0.007	-0.01
40463922	D 53	392231.146	5404667.814	703.014	980145.87	-19.131
40463922	D 60	392231.121	5404667.864	703.016	980145.869	-19.131
		0.025	-0.05	-0.002	0.001	0
40663950	D 56	395030.804	5406654.546	704.44	980143.878	-19.27
40663950	D 57	395030.933	5406654.764	704.452	980143.892	-19.253
		-0.129	-0.218	-0.012	-0.014	-0.017
40713947	D 56	394727.255	5407009.237	707.131	980143.466	-18.862
40713947	D 61	394726.96	5407009.261	707.119	980143.476	-18.854
		0.295	-0.024	0.012	-0.01	-0.008
40713948	D 56	394829.202	5407019.472	709.975	980142.602	-19.159
40713948	D 59	394828.835	5407018.956	709.986	980142.612	-19.148
		0.367	0.516	-0.011	-0.01	-0.011
40713950	D 56	395025.424	5407121.668	709.138	980142.334	-19.512
40713950	D 57	395025.338	5407121.45	709.189	980142.363	-19.473
		0.086	0.218	-0.051	-0.029	-0.039

40763940	D 57	394030.808	5407724.284	711.613	980142.534	-18.326
40763940	D 58	394030.879	5407724.267	711.614	980142.49	-18.37
		-0.071	0.017	-0.001	0.044	0.044
40763951	D 57	395131.271	5407674.394	701.638	980143.059	-19.816
40763951	D 58	395131.202	5407674.229	701.606	980143.043	-19.839
		0.069	0.165	0.032	0.016	0.023
40813941	D 57	394139.548	5408165.214	683.043	980147.202	-18.922
40813941	D 61	394139.7	5408165.302	683.037	980147.165	-18.961
		-0.152	-0.088	0.006	0.037	0.039
40813953	D 57	395337.201	5408145.212	698.124	980142.557	-20.631
40813953	D 58	395337.248	5408145.596	698.066	980142.541	-20.658
		-0.047	-0.384	0.058	0.016	0.027
40663918	D 58	391829.606	5406656.13	673.569	980151.536	-17.645
40663918	D 60	391829.401	5406656.082	673.499	980151.54	-17.654
		0.205	0.048	0.07	-0.004	0.009
40213922	D 59	392233.269	5402169.637	706.346	980146.128	-20.238
40213922	D 67	392233.349	5402169.875	706.308	980146.133	-20.24
		-0.08	-0.238	0.038	-0.005	0.002
40213923	D 59	392331.769	5402165.06	703.258	980146.672	-20.306
40213923	D 67	392331.733	5402165.29	703.233	980146.694	-20.289
		0.036	-0.23	0.025	-0.022	-0.017
40763922	D 59	392221.031	5407723.443	680.104	980149.028	-18.009
40763922	D 74	392221.429	5407723.718	680.136	980149.045	-17.985
		-0.398	-0.275	-0.032	-0.017	-0.024
40863956	D 60	395623.137	5408713.454	676.987	980145.887	-21.003
40863956	D 61	395622.99	5408714.136	677.244	980145.852	-20.987
		0.147	-0.682	-0.257	0.035	-0.016
40913931	D 61	393129.907	5409028.954	690.34	980144.391	-19.588
40913931	D 63	393130.178	5409028.83	690.394	980144.383	-19.585
		-0.271	0.124	-0.054	0.008	-0.003
40913932	D 61	393230.09	5408967.698	691.177	980144.138	-19.727
40913932	D 63	393230.339	5408967.46	691.151	980144.134	-19.736
		-0.249	0.238	0.026	0.004	0.009
40913944	D 61	394432.241	5409097.261	657.629	980149.845	-20.528
40913944	D 62	394432.469	5409097.674	657.612	980149.838	-20.538
		-0.228	-0.413	0.017	0.007	0.01
40913949	D 61	394924.643	5409178.604	663.958	980147.878	-21.191
40913949	D 62	394924.643	5409178.604	663.958	980147.891	-21.178
		0	0	0	-0.013	-0.013
40913965	D 62	396523.611	5409138.796	662.214	980148.792	-20.67
40913965	D 63	396524.352	5409138.613	662.214	980148.782	-20.681
		-0.741	0.183	0	0.01	0.011
40913968	D 62	396826.595	5409277.807	656.488	980149.584	-20.896
40913968	D 64	396826.696	5409277.763	656.666	980149.571	-20.874
		-0.101	0.044	-0.178	0.013	-0.022
41063946	D 63	394633.455	5410535.918	658.497	980148.66	-20.382
41063946	D 64	394633.791	5410536.03	658.552	980148.668	-20.363
		-0.336	-0.112	-0.055	-0.008	-0.019

41063950	D 63	395026.163	5410411.258	667.021	980146.959	-20.511
41063950	D 64	395026.163	5410411.258	667.021	980146.958	-20.512
		0	0	0	0.001	0.001
40563966	D 64	396627.336	5405372.564	679.704	980146.498	-22.57
40563966	D 65	396627.457	5405372.191	679.729	980146.491	-22.572
		-0.121	0.373	-0.025	0.007	0.002
40563967	D 64	396724.211	5405390.819	682.682	980145.529	-22.94
40563967	D 65	396723.976	5405391.163	682.618	980145.527	-22.954
		0.235	-0.344	0.064	0.002	0.014
41113971	D 64	397132.936	5410938.133	652.141	980149.696	-20.3
41113971	D 65	397132.084	5410937.703	652.089	980149.701	-20.306
		0.852	0.43	0.052	-0.005	0.006
40613974	D 65	397429.361	5406108.75	665.501	980148.099	-23.177
40613974	D 66	397429.361	5406108.75	665.501	980148.094	-23.182
		0	0	0	0.005	0.005
40613975	D 65	397535.186	5406154.154	665.184	980148.035	-23.268
40613975	D 66	397535.004	5406154.196	665.079	980148.023	-23.3
		0.182	-0.042	0.105	0.012	0.032
40113923	D 67	392332.405	5400885.459	696.814	980148.909	-20.371
40113923	D 84	392333.34	5400885.16	696.972	980148.892	-20.358
		-0.935	0.299	-0.158	0.017	-0.013
40113924	D 67	392425.476	5400853.619	697.059	980148.933	-20.326
40113924	D 77	392425.635	5400853.435	697.143	980148.934	-20.309
		-0.159	0.184	-0.084	-0.001	-0.017
40113925	D 67	392531.84	5400833.612	696.595	980149.299	-20.069
40113925	D 76	392531.463	5400833.07	696.705	980149.274	-20.072
		0.377	0.542	-0.11	0.025	0.003
40113926	D 67	392625.651	5400845.151	695.811	980149.131	-20.383
40113926	D 76	392625.085	5400845.16	695.864	980149.12	-20.383
		0.566	-0.009	-0.053	0.011	0
40113927	D 67	392729.452	5400858.191	697.803	980148.954	-20.158
40113927	D 72	392729.695	5400858.604	697.87	980148.945	-20.154
		-0.243	-0.413	-0.067	0.009	-0.004
40113927	D 75	392729.785	5400858.959	697.767	980148.962	-20.157
		-0.333	-0.768	0.036	-0.008	-0.001
40113928	D 67	392833.317	5400870.797	697.37	980149.124	-20.065
40113928	D 70	392832.186	5400870.963	697.43	980149.13	-20.047
		1.131	-0.166	-0.06	-0.006	-0.018
40113929	D 67	392928.197	5400906.166	698.442	980149.033	-19.918
40113929	D 69	392927.954	5400905.986	698.465	980149.036	-19.91
		0.243	0.18	-0.023	-0.003	-0.008
40113929	D 71	392927.501	5400905.979	698.408	980149.019	-19.938
		0.696	0.187	0.034	0.014	0.02
40163924	D 67	392435.135	5401667.6	698.136	980148.351	-20.038
40163924	D 72	392435.994	5401655.951	698.021	980148.402	-20.019
		-0.859	11.649	0.115	-0.051	-0.019
40213929	D 67	392928.202	5401962.895	706.076	980146.714	-19.88
40213929	D 68	392928.323	5401962.633	706.089	980146.718	-19.874
		-0.121	0.262	-0.013	-0.004	-0.006

40213930	D 67	393025.296	5401944.392	703.049	980147.076	-20.13
40213930	D 68	393024.797	5401944.615	703.025	980147.072	-20.138
		0.499	-0.223	0.024	0.004	0.008
40213931	D 67	393126.581	5401923.74	698.588	980148.105	-19.996
40213931	D 69	393127.053	5401923.703	698.645	980148.102	-19.988
		-0.472	0.037	-0.057	0.003	-0.008
40213935	D 67	393528.109	5401854.347	702.286	980147.748	-19.687
40213935	D 69	393528.042	5401854.274	702.387	980147.716	-19.699
		0.067	0.073	-0.101	0.032	0.012
40213937	D 67	393731.051	5401838.656	704.19	980147.217	-19.858
40213937	D 69	393730.901	5401838.483	704.303	980147.18	-19.873
		0.15	0.173	-0.113	0.037	0.015
10000030	D 68	400948.547	5401979.981	679.34	980143.709	-28.223
10000030	D 70	400949.255	5401980.008	679.326	980143.705	-28.23
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10000035	D 68	400495.502	5402175.814	669.427	980146.566	-27.153
10000035	D 69	400495.693	5402176.014	669.366	980146.577	-27.154
		-0.191	-0.2	0.061	-0.011	0.001
40264025	D 68	402521.395	5402420.073	710.726	980134.518	-30.902
40264025	D 69	402533.359	5402423.82	710.822	980134.483	-30.915
		-11.964	-3.747	-0.096	0.035	0.013
40213939	D 69	393938.463	5401823.934	710.813	980145.707	-20.08
40213939	D 70	393938.599	5401823.803	710.711	980145.698	-20.109
		-0.136	0.131	0.102	0.009	0.029
40213940	D 69	394038.275	5401816.86	707.808	980146.114	-20.271
40213940	D 74	394038.191	5401816.917	707.749	980146.147	-20.25
		0.084	-0.057	0.059	-0.033	-0.021
40213941	D 69	394139.069	5401818.78	702.887	980147.214	-20.139
40213941	D 74	394139.253	5401818.735	702.754	980147.205	-20.174
		-0.184	0.045	0.133	0.009	0.035
40213960	D 69	396051.061	5401646.561	714.132	980144.332	-20.971
40213960	D 70	396051.037	5401646.442	714.096	980144.348	-20.962
		0.024	0.119	0.036	-0.016	-0.009
40213963	D 69	396358.915	5401553.328	726.14	980142.025	-20.995
40213963	D 70	396358.925	5401553.343	725.99	980142.08	-20.969
		-0.01	-0.015	0.15	-0.055	-0.026
10000013	D 70	401863.098	5400414.977	747.465	980130.89	-28.918
10000013	D 71	401863.418	5400414.979	747.515	980130.9	-28.898
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10000016	D 70	401689.052	5400679.6	741.772	980131.949	-28.763
10000016	D 71	401689.092	5400679.939	741.864	980131.946	-28.747
		-0.04	-0.339	-0.092	0.003	-0.016
10300003	D 70	391614.904	5402639.546	711.412	980144.996	-19.986
10300003	D 71	391614.799	5402639.525	711.401	980145.003	-19.981
		0.105	0.021	0.011	-0.007	-0.005
10300004	D 70	391622.794	5402740.386	711.705	980144.835	-20.008
10300004	D 71	391622.628	5402740.417	711.668	980144.867	-19.983
		0.166	-0.031	0.037	-0.032	-0.025

10400038	D 71	399291.811	5400233.21	716.794	980137.301	-28.658
10400038	D 78	399292.547	5400233.316	716.803	980137.299	-28.658
		-0.736	-0.106	-0.009	0.002	0
10400040	D 71	399325.874	5400434.811	719.347	980137.025	-28.269
10400040	D 78	399326.46	5400434.691	719.333	980137.073	-28.224
		-0.586	0.12	0.014	-0.048	-0.045
10500005	D 71	394037.511	5403240.672	706.021	980146.43	-19.155
10500005	D 72	394037.506	5403240.768	706.108	980146.439	-19.129
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10300007	D 72	391529.768	5403026.103	697.449	980147.844	-19.57
10300007	D 73	391530.214	5403026.558	697.428	980147.816	-19.602
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40313896	D 72	389621.968	5403173.378	685.391	980152.021	-17.623
40313896	D 73	389622.459	5403173.383	685.341	980152.021	-17.633
		-0.491	-0.005	0.05	0	0.01
40313901	D 72	390128.808	5403162.246	682.777	980152.326	-17.847
40313901	D 73	390129.011	5403162.06	682.722	980152.332	-17.852
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40313910	D 72	391030.181	5403172.348	668.531	980154.515	-18.463
40313910	D 73	391029.954	5403172.689	668.436	980154.516	-18.481
		0.227	-0.341	0.095	-0.001	0.018
40363905	D 72	390522.196	5403653.098	680.206	980152.203	-18.084
40363905	D 73	390521.849	5403652.959	680.243	980152.193	-18.087
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40363906	D 72	390643.377	5403660.025	670.639	980154.529	-17.636
40363906	D 73	390644.213	5403660.075	670.631	980154.533	-17.633
		-0.836	-0.05	0.008	-0.004	-0.003
40363908	D 72	390833.941	5403668.621	666.573	980154.971	-17.989
40363908	D 73	390833.798	5403668.404	666.573	980154.967	-17.993
		0.143	0.217	0	0.004	0.004
40363909	D 72	390921.452	5403670.705	666.403	980154.909	-18.084
40363909	D 73	390921.201	5403670.591	666.329	980154.901	-18.106
		0.251	0.114	0.074	0.008	0.022
40363912	D 72	391231.849	5403725.931	666.739	980154.467	-18.419
40363912	D 73	391232.633	5403727.167	666.826	980154.476	-18.392
		-0.784	-1.236	-0.087	-0.009	-0.027
10900028	D 72	393924.897	5399563.189	724.216	980145.445	-19.534
10900028	D 73	393925.062	5399563.383	724.2	980145.488	-19.494
		-0.165	-0.194	0.016	-0.043	-0.04
11100001	D 73	395052.039	5398754.863	686.681	980153.317	-19.712
11100001	D 78	395051.949	5398755.022	686.697	980153.352	-19.674
		0.09	-0.159	-0.016	-0.035	-0.038
11100001	D 79	395052.104	5398754.957	686.679	980153.328	-19.701
		-0.065	-0.094	0.002	-0.011	-0.011
40113899	D 74	389940.419	5401164.617	670.648	980157.167	-17.005
40113899	D 75	389940.508	5401164.725	670.732	980157.163	-16.992
		-0.089	-0.108	-0.084	0.004	-0.013
11200001	D 74	392866.484	5402049.363	707.035	980146.31	-20.025
11200001	D 75	392866.368	5402049.346	707.047	980146.323	-20.01
		0.116	0.017	-0.012	-0.013	-0.015

11200002	D 74	392855.814	5402149.73	707.525	980145.987	-20.17
11200002	D 75	392855.857	5402149.687	707.552	980145.986	-20.166
		-0.043	0.043	-0.027	0.001	-0.004
40213893	D 74	389329.069	5402170.713	666.54	980155.861	-18.298
40213893	D 75	389329.004	5402170.363	666.559	980155.843	-18.313
		0.065	0.35	-0.019	0.018	0.015
40313926	D 75	392634.524	5402916.381	684.494	980150.348	-19.717
40313926	D 77	392634.359	5402916.482	684.572	980150.332	-19.718
		0.165	-0.101	-0.078	0.016	0.001
40313927	D 75	392731.694	5402892.501	688.589	980149.491	-19.789
40313927	D 77	392731.374	5402892.464	688.635	980149.485	-19.786
		0.32	0.037	-0.046	0.006	-0.003
11300003	D 75	389022.135	5399665.879	668.687	980156.757	-19.001
11300003	D 76	389022.108	5399665.713	668.706	980156.79	-18.965
		0.027	0.166	-0.019	-0.033	-0.036
11300003	D 79	389022.371	5399666.039	668.78	980156.763	-18.977
		-0.236	-0.16	-0.093	-0.006	-0.024
11400040	D 75	393131.418	5398845.179	710.001	980148.52	-19.826
11400040	D 84	393131.422	5398845.193	710.059	980148.476	-19.859
		-0.004	-0.014	-0.058	0.044	0.033
11400056	D 75	394693.055	5398675.672	686.99	980153.666	-19.362
11400056	D 76	394692.991	5398675.56	687.005	980153.623	-19.402
		0.064	0.112	-0.015	0.043	0.04
11400064	D 75	395471.74	5398848.181	685.004	980153.195	-20.093
11400064	D 76	395471.904	5398848.42	685.004	980153.159	-20.129
		-0.164	-0.239	0	0.036	0.036
11400085	D 76	397430.803	5399219.636	736.266	980139.501	-23.426
11400085	D 77	397429.575	5399222.14	736.951	980139.397	-23.394
		1.228	-2.504	-0.685	0.104	-0.032
11400095	D 76	398358.764	5399588.177	720.434	980137.896	-27.858
11400095	D 79	398358.612	5399587.808	720.436	980137.865	-27.889
		0.152	0.369	-0.002	0.031	0.031
11400098	D 76	398658.301	5399593.838	725.172	980136.704	-28.117
11400098	D 77	398658.427	5399593.813	725.135	980136.744	-28.084
		-0.126	0.025	0.037	-0.04	-0.033
11700001	D 77	395147.122	5398627.306	685.043	980153.462	-19.994
11700001	D 78	395147.119	5398627.095	685.018	980153.488	-19.972
		0.003	0.211	0.025	-0.026	-0.022
11700004	D 77	395202.264	5398333.865	683.752	980154.042	-19.905
11700004	D 79	395202.295	5398333.999	683.795	980154.034	-19.905
		-0.031	-0.134	-0.043	0.008	0
11700006	D 77	395335.583	5398160.038	704.523	980149.723	-20.281
11700006	D 81	395335.847	5398159.7	704.588	980149.741	-20.25
		-0.264	0.338	-0.065	-0.018	-0.031
11700007	D 77	395365.272	5398253.918	703.405	980149.804	-20.344
11700007	D 85	395365.656	5398253.911	703.496	980149.819	-20.311
		-0.384	0.007	-0.091	-0.015	-0.033

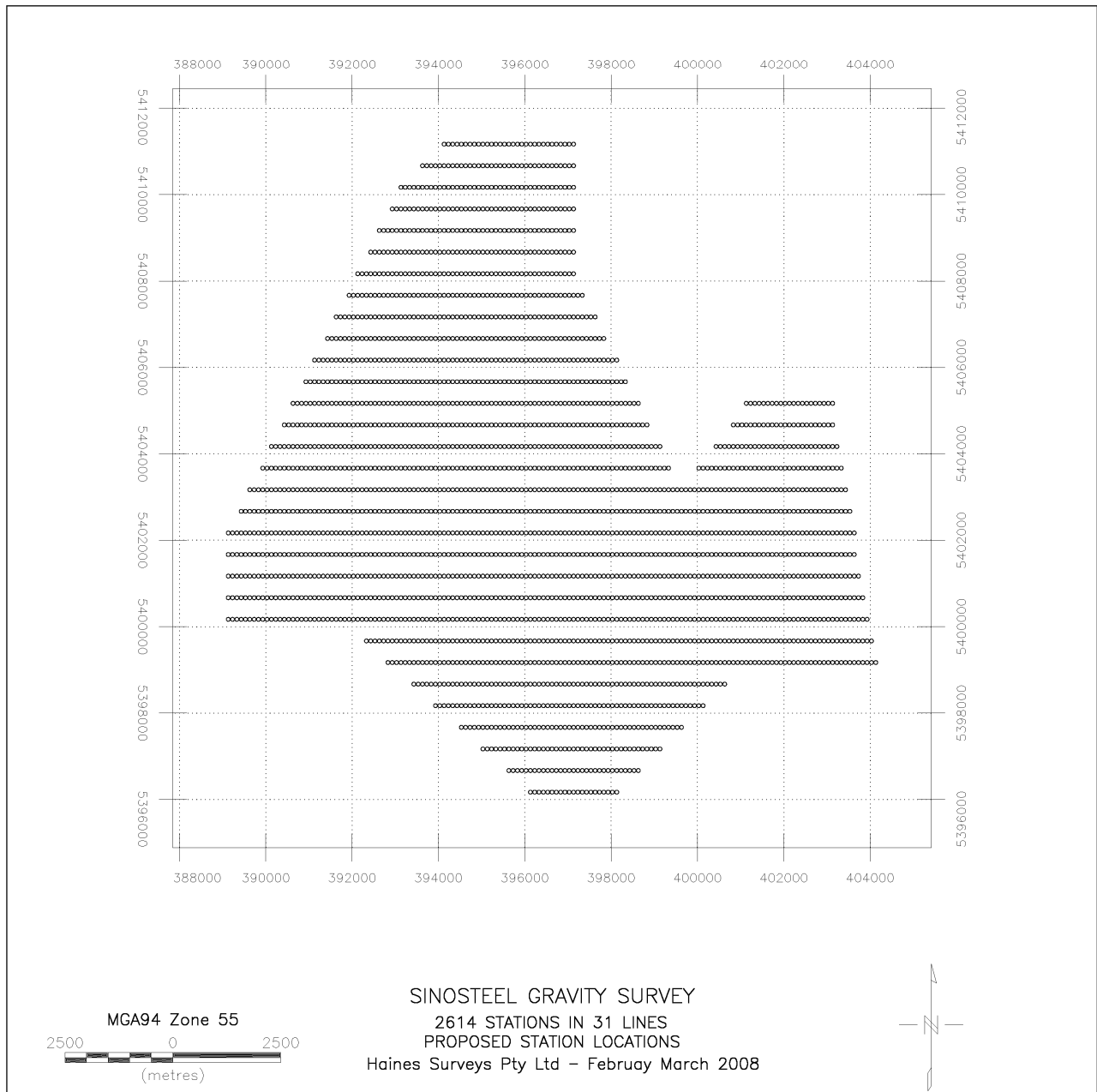
11800006	D 77	396395.774	5396808.189	737.235	980141.207	-23.468
11800006	D 78	396395.979	5396808.466	737.199	980141.214	-23.468
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11800008	D 77	396360.384	5396999.593	730.402	980143.082	-22.782
11800008	D 78	396360.182	5396999.436	730.257	980143.077	-22.816
		0.202	0.157	0.145	0.005	0.034
10400028	D 78	399393.4	5399272.921	744.797	980132.336	-28.892
10400028	D 79	399393.499	5399272.767	744.9	980132.334	-28.875
		-0.099	0.154	-0.103	0.002	-0.017
10400031	D 78	399294.512	5399534.779	734.848	980134.389	-28.584
10400031	D 79	399294.446	5399534.781	734.744	980134.387	-28.606
		0.066	-0.002	0.104	0.002	0.022
10400031	D 80	399293.739	5399536.178	734.593	980134.418	-28.604
		0.773	-1.399	0.255	-0.029	0.02
10400035	D 78	399352.311	5399938.068	720.368	980137.015	-28.48
10400035	D 79	399351.956	5399937.808	720.434	980137.008	-28.474
		0.355	0.26	-0.066	0.007	-0.006
11900001	D 78	398599.447	5399624.317	725.133	980136.763	-28.041
11900001	D 82	398599.221	5399624.371	725.107	980136.731	-28.077
		0.226	-0.054	0.026	0.032	0.036
11900024	D 78	398883.79	5401721.982	695.058	980144.443	-24.583
11900024	D 79	398883.766	5401722.017	695.087	980144.428	-24.592
		0.024	-0.035	-0.029	0.015	0.009
10400027	D 79	399439.938	5399149.336	744.297	980132.569	-28.858
10400027	D 80	399439.733	5399149.051	744.214	980132.565	-28.879
		0.205	0.285	0.083	0.004	0.021
12000001	D 79	398637.632	5399483.363	722.083	980137.253	-28.265
12000001	D 80	398637.593	5399483.416	722.133	980137.244	-28.264
		0.039	-0.053	-0.05	0.009	-0.001
12000003	D 79	398638.13	5399285.982	724.532	980136.641	-28.555
12000003	D 81	398637.812	5399285.76	724.536	980136.66	-28.535
		0.318	0.222	-0.004	-0.019	-0.02
12000004	D 79	398634.599	5399174.156	729.309	980135.826	-28.52
12000004	D 80	398634.462	5399173.944	729.085	980135.839	-28.552
		0.137	0.212	0.224	-0.013	0.032
11400104	D 79	399261.401	5399596.147	731.334	980135.118	-28.496
11400104	D 80	399261.794	5399596.011	731.35	980135.13	-28.481
		-0.393	0.136	-0.016	-0.012	-0.015
11900035	D 79	398637.82	5402532.179	721.968	980138.951	-24.124
11900035	D 82	398638.776	5402531.565	721.878	980139.01	-24.083
		-0.956	0.614	0.09	-0.059	-0.041
11900043	D 79	398258.46	5403169.93	700.647	980144.323	-22.425
11900043	D 81	398258.839	5403169.977	700.592	980144.378	-22.381
		-0.379	-0.047	0.055	-0.055	-0.044
11900044	D 79	398285.631	5403266.755	697.434	980144.66	-22.642
11900044	D 80	398285.958	5403266.671	697.452	980144.696	-22.603
		-0.327	0.084	-0.018	-0.036	-0.039
11900047	D 79	398380.154	5403549.833	676.742	980148.078	-23.067
11900047	D 81	398380.066	5403549.873	676.743	980148.105	-23.039
		0.088	-0.04	-0.001	-0.027	-0.028

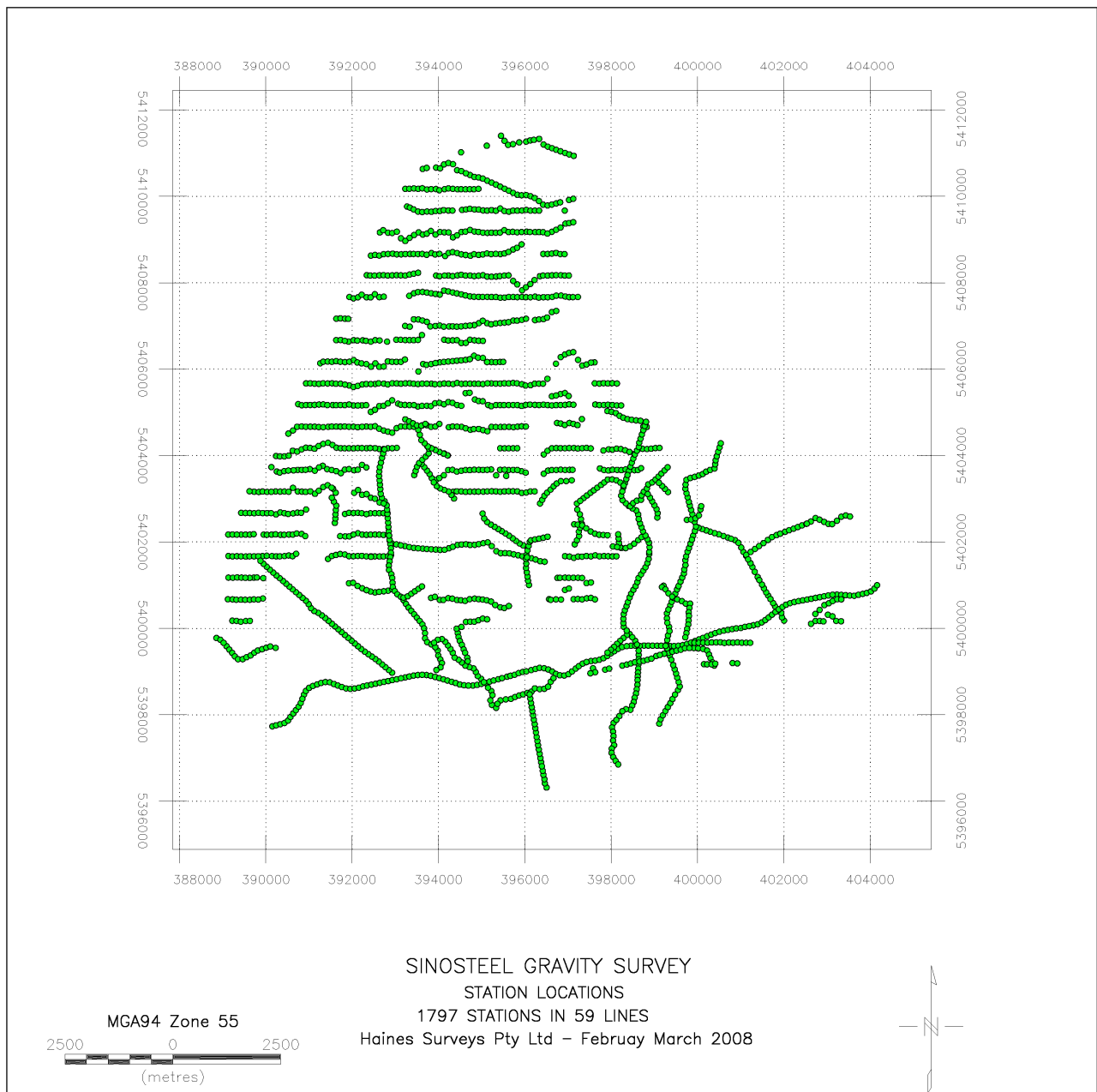
11900060	D 79	398807.974	5404780.787	680.979	980145.317	-24.004
11900060	D 80	398807.978	5404780.697	680.973	980145.326	-23.996
		-0.004	0.09	0.006	-0.009	-0.008
12000009	D 80	398608.355	5398693.073	731.123	980135.517	-28.861
12000009	D 83	398608.377	5398693.17	731.109	980135.512	-28.869
		-0.022	-0.097	0.014	0.005	0.008
12100009	D 80	398679.003	5404804.966	682.528	980145.239	-23.756
12100009	D 81	398678.824	5404805.103	682.496	980145.249	-23.752
		0.179	-0.137	0.032	-0.01	-0.004
11900005	D 81	398362.891	5399946.539	745.681	980133.525	-26.973
11900005	D 88	398362.616	5399946.316	745.728	980133.52	-26.969
		0.275	0.223	-0.047	0.005	-0.004
12500009	D 81	399043.316	5399359.645	721.985	980137.305	-28.337
12500009	D 84	399043.814	5399359.403	722.023	980137.32	-28.315
		-0.498	0.242	-0.038	-0.015	-0.022
12500010	D 81	399127.909	5399384.74	730.486	980135.375	-28.575
12500010	D 84	399127.972	5399384.993	730.548	980135.367	-28.571
		-0.063	-0.253	-0.062	0.008	-0.004
12500016	D 81	399811.759	5399544.981	737.389	980133.715	-28.756
12500016	D 85	399811.764	5399545.067	737.401	980133.688	-28.78
		-0.005	-0.086	-0.012	0.027	0.024
12600001	D 81	397520.08	5398960.672	784.064	980128.202	-25.534
12600001	D 85	397519.877	5398960.968	784.11	980128.202	-25.525
		0.203	-0.296	-0.046	0	-0.009
12200002	D 81	397283.98	5402952.452	698.972	980145.979	-21.264
12200002	D 85	397283.072	5402951.593	698.978	980145.983	-21.259
		0.908	0.859	-0.006	-0.004	-0.005
12300001	D 81	398038.238	5401897.414	737.071	980138.5	-22.11
12300001	D 87	398038.436	5401897.507	737.009	980138.529	-22.094
		-0.198	-0.093	0.062	-0.029	-0.016
12300002	D 81	398138.004	5401884.648	733.677	980138.786	-22.503
12300002	D 87	398138.261	5401884.616	733.577	980138.767	-22.542
		-0.257	0.032	0.1	0.019	0.039
12800009	D 81	398950.725	5403378.851	674.579	980147.558	-24.157
12800009	D 82	398950.782	5403379.008	674.59	980147.586	-24.127
		-0.057	-0.157	-0.011	-0.028	-0.03
11400124	D 83	401195.177	5400051.551	731.446	980134.363	-28.882
11400124	D 84	401195.102	5400051.648	731.678	980134.354	-28.845
		0.075	-0.097	-0.232	0.009	-0.037
11400145	D 83	403129.543	5400779.043	711.424	980135.478	-31.139
11400145	D 88	403129.471	5400779.265	711.397	980135.452	-31.169
		0.072	-0.222	0.027	0.026	0.03
11400156	D 83	404161.986	5401000.436	760.618	980124.513	-32.259
11400156	D 88	404161.839	5401000.455	760.541	980124.493	-32.294
		0.147	-0.019	0.077	0.02	0.035
11900003	D 83	398490.031	5399794.119	733.217	980135.132	-27.943
11900003	D 84	398490.003	5399794.168	733.186	980135.129	-27.952
		0.028	-0.049	0.031	0.003	0.009

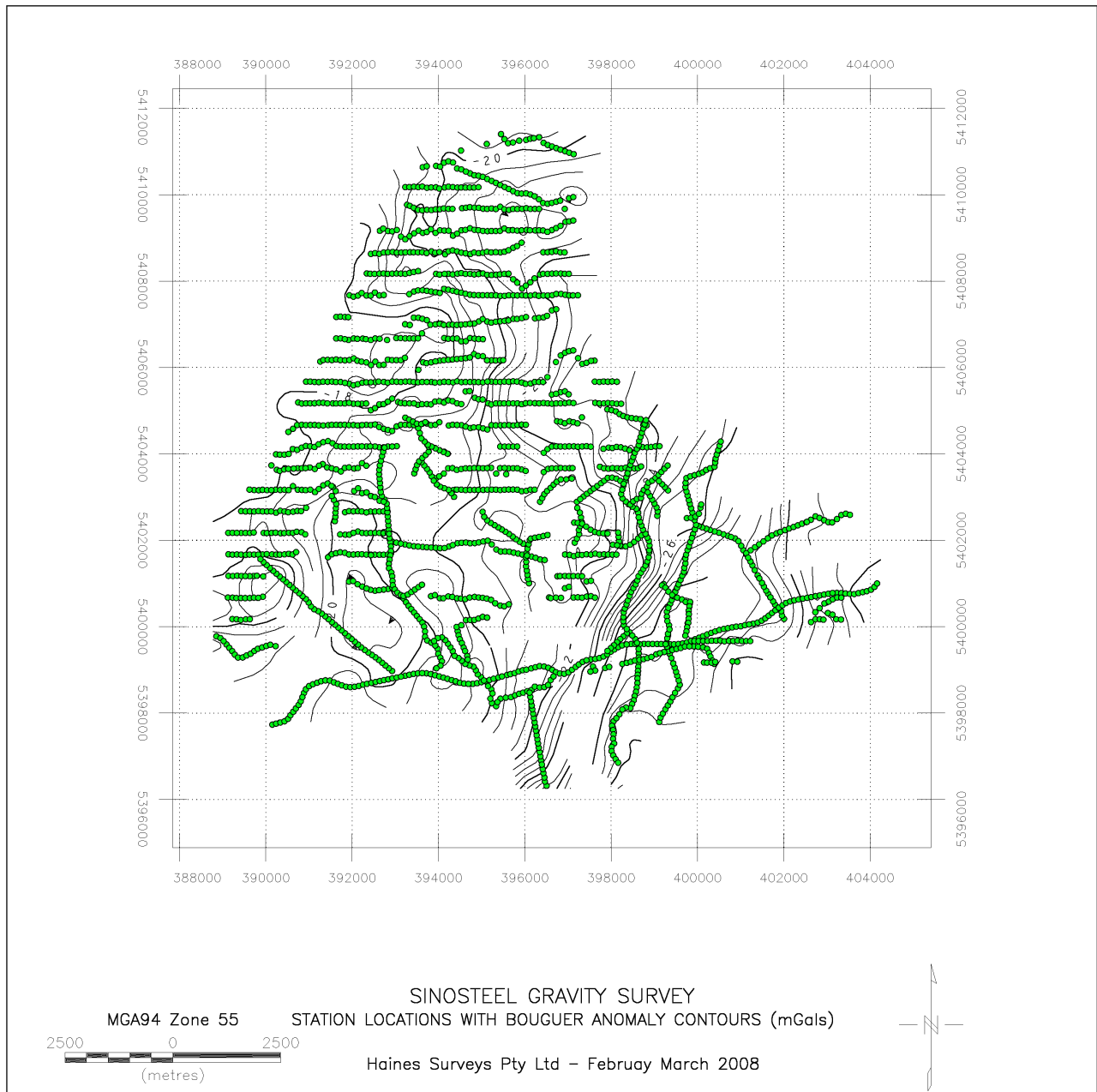
40063938	D 84	393827.812	5400705.818	712.097	980147.515	-18.922
40063938	D 87	393827.842	5400706.01	712.026	980147.487	-18.964
		-0.03	-0.192	0.071	0.028	0.042
11400015	D 84	390847.326	5398368.735	666.799	980157.671	-19.53
11400015	D 85	390847.32	5398368.886	666.889	980157.616	-19.568
		0.006	-0.151	-0.09	0.055	0.038
13100020	D 85	399829.224	5400573.544	718.96	980136.756	-28.508
13100020	D 88	399828.651	5400573.088	718.894	980136.76	-28.517
		0.573	0.456	0.066	-0.004	0.009
13300004	D 85	397252.291	5402239.919	719.538	980142.791	-20.982
13300004	D 87	397252.203	5402239.657	719.448	980142.778	-21.013
		0.088	0.262	0.09	0.013	0.031
13300006	D 85	397321.314	5402418.577	733.768	980139.918	-20.912
13300006	D 87	397320.91	5402418.499	733.686	980139.937	-20.91
		0.404	0.078	0.082	-0.019	-0.002

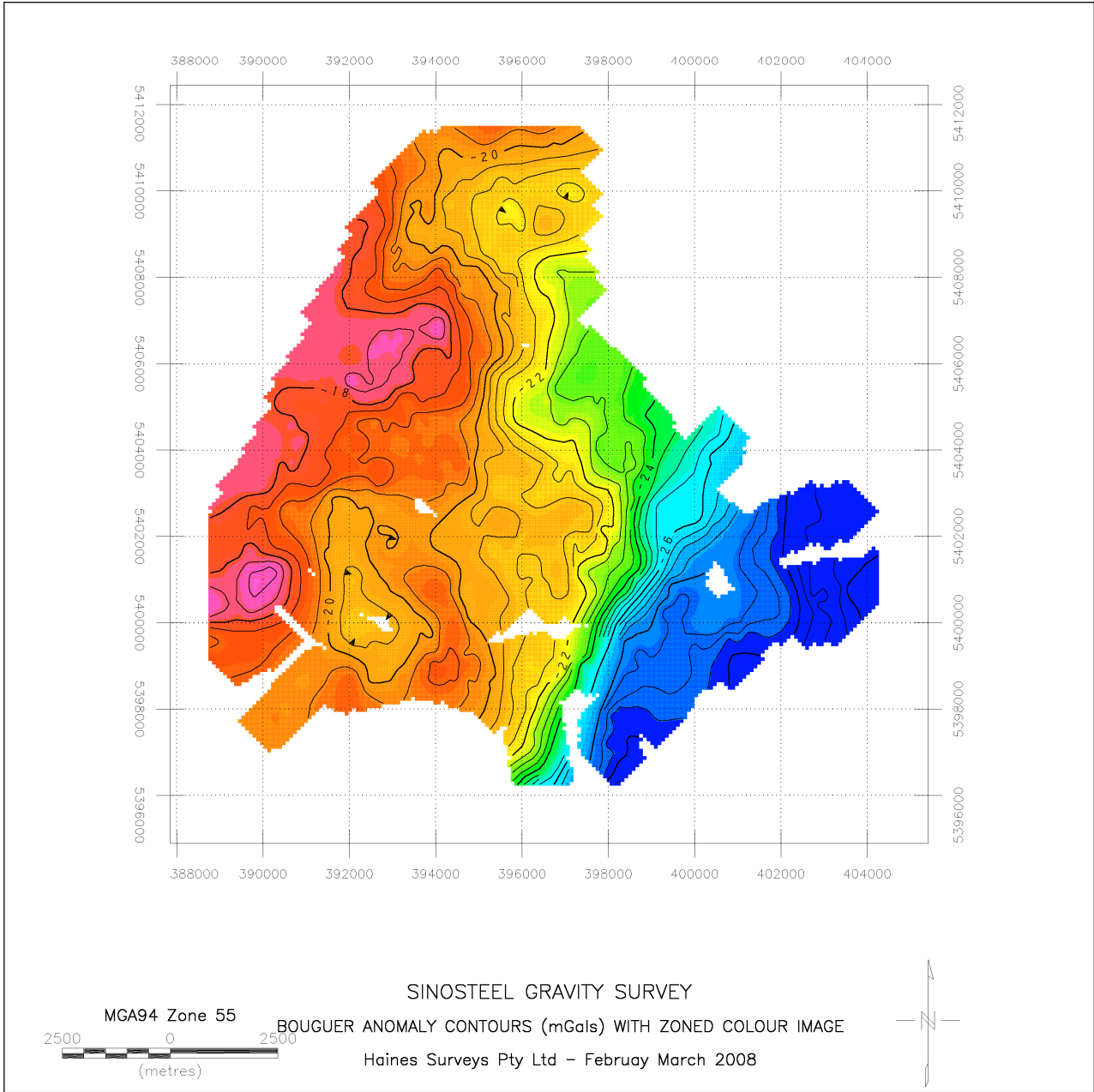
Plots-

Proposed Station Locations	22
Stations Locations	23
Stations Locations and Bouguer Anomaly Contours	24
Bouguer Anomaly Contours and Zoned Image	25
Bouguer - Elevation Profiles	26









LINE PROFILE BITMAPS

The following line profile bitmaps are located on the CD disc in the processed files folder accompanying this report.

1000.bmp	1210.bmp	4021.bmp
1010.bmp	1220.bmp	4022.bmp
1020.bmp	1230.bmp	4026.bmp
1030.bmp	1240.bmp	4031.bmp
1040.bmp	1250.bmp	4036.bmp
1050.bmp	1260.bmp	4041.bmp
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1070.bmp	1280.bmp	4051.bmp
1080.bmp	1290.bmp	4056.bmp
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1100.bmp	1310.bmp	4066.bmp
1110.bmp	1320.bmp	4071.bmp
1120.bmp	1330.bmp	4076.bmp
1130.bmp	1350.bmp	4081.bmp
1140.bmp	3991.bmp	4086.bmp
1160.bmp	3996.bmp	4091.bmp
1170.bmp	4001.bmp	4096.bmp
1180.bmp	4006.bmp	4101.bmp
1190.bmp	4011.bmp	4106.bmp
1200.bmp	4016.bmp	4111.bmp

Sinosteel Gravity Survey

Processed Results

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
E	N	x	y	meter	mgal		corr'n	corr'n	anom	(AHD)	
D46											
395570.1	5403530.8	0	301	+0.000	3564.556	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.010	3564.556	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.026	3564.566	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.002	3564.592	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395220.2	5403677.4	4036	3952	-0.014	3566.531	980143.925	-160.195	218.993	-79.408	-20.610	709.635
395427.2	5403669.9	4036	3954	-0.010	3567.662	980145.056	-159.073	217.198	-78.757	-20.632	703.818
395530.9	5403672.1	4036	3955	-0.009	3566.883	980144.277	-159.852	218.529	-79.240	-20.562	708.131
395627.1	5403665.6	4036	3956	-0.007	3566.034	980143.428	-160.707	219.607	-79.630	-20.730	711.623
D47											
395570.1	5403530.8	0	301	+0.000	3564.747	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.003	3564.747	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.049	3564.744	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.005	3564.793	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395120.0	5405543.0	0	399	-0.012	3569.800	980147.013	-155.598	216.020	-78.330	-17.908	700.000
395120.0	5405543.0	0	399	-0.010	3569.807	980147.020	-155.591	216.020	-78.330	-17.901	700.000
395120.0	5405543.0	0	399	-0.048	3569.819	980146.986	-155.625	216.020	-78.330	-17.935	700.000
395120.0	5405543.0	0	399	-0.051	3569.818	980146.985	-155.626	216.020	-78.330	-17.936	700.000
394347.6	5403164.4	4031	3943	-0.029	3569.219	980146.435	-158.090	217.198	-78.757	-19.649	703.816
394424.8	5403173.2	4031	3944	-0.028	3569.325	980146.541	-157.978	217.075	-78.712	-19.615	703.420
394530.2	5403172.2	4031	3945	-0.027	3569.703	980146.919	-157.602	216.562	-78.526	-19.566	701.757
394629.2	5403161.3	4031	3946	-0.026	3570.419	980147.635	-156.896	215.596	-78.176	-19.476	698.626
394729.5	5403166.2	4031	3947	-0.025	3570.615	980147.831	-156.697	215.144	-78.012	-19.565	697.162
394834.0	5403165.5	4031	3948	-0.024	3570.797	980148.013	-156.517	214.851	-77.906	-19.572	696.212
394924.9	5403166.5	4031	3949	-0.022	3570.340	980147.556	-156.974	215.069	-77.985	-19.890	696.918
395035.5	5403166.0	4031	3950	-0.021	3569.717	980146.933	-157.599	215.491	-78.138	-20.246	698.286
395131.7	5403172.0	4031	3951	-0.020	3569.265	980146.481	-158.047	216.026	-78.332	-20.353	700.021
395233.4	5403173.7	4031	3952	-0.019	3569.495	980146.711	-157.817	215.279	-78.061	-20.599	697.600
395333.6	5403172.9	4031	3953	-0.018	3569.174	980146.390	-158.140	215.356	-78.089	-20.873	697.848
395430.0	5403164.2	4031	3954	-0.017	3568.777	980145.993	-158.545	215.612	-78.182	-21.115	698.678
395529.6	5403172.6	4031	3955	-0.017	3568.776	980145.992	-158.540	215.770	-78.239	-21.010	699.189
395625.8	5403174.8	4031	3956	-0.016	3568.396	980145.612	-158.920	216.284	-78.425	-21.062	700.854
395725.4	5403174.3	4031	3957	-0.016	3568.031	980145.247	-159.286	216.975	-78.676	-20.987	703.095
395827.7	5403172.2	4031	3958	-0.015	3568.141	980145.357	-159.179	217.045	-78.701	-20.836	703.320
395931.0	5403134.4	4031	3959	-0.014	3568.569	980145.785	-158.783	216.142	-78.374	-21.015	700.394
396032.7	5403144.1	4031	3960	-0.013	3568.715	980145.931	-158.630	216.212	-78.400	-20.817	700.623
396131.4	5403171.9	4031	3961	-0.013	3568.476	980145.692	-158.848	216.491	-78.501	-20.857	701.527
396227.7	5403171.8	4031	3962	-0.012	3567.903	980145.119	-159.422	217.384	-78.824	-20.862	704.420
393941.6	5403434.9	4036	3939	-0.032	3570.636	980147.852	-156.450	215.445	-78.121	-19.126	698.136
394018.0	5403480.7	4036	3940	-0.034	3570.312	980147.528	-156.737	215.946	-78.303	-19.094	699.761
394125.7	5403544.9	4036	3941	-0.035	3568.117	980145.333	-158.882	219.165	-79.470	-19.187	710.191
394223.4	5403665.8	4036	3942	-0.036	3567.567	980144.783	-159.335	219.657	-79.649	-19.326	711.786
394323.2	5403669.3	4036	3943	-0.038	3567.774	980144.990	-159.127	219.395	-79.554	-19.285	710.937
394424.1	5403628.8	4036	3944	-0.039	3568.784	980146.000	-158.150	218.112	-79.088	-19.127	706.778
394527.9	5403650.1	4036	3945	-0.040	3569.354	980146.570	-157.564	217.482	-78.860	-18.942	704.737
394628.2	5403667.5	4036	3946	-0.041	3569.169	980146.385	-157.736	217.698	-78.938	-18.976	705.438
394726.4	5403663.1	4036	3947	-0.041	3569.518	980146.734	-157.392	216.827	-78.622	-19.188	702.614
394827.7	5403671.5	4036	3948	-0.043	3568.876	980146.092	-158.029	216.749	-78.594	-19.874	702.361
394933.0	5403669.6	4036	3949	-0.043	3567.748	980144.964	-159.159	217.931	-79.023	-20.251	706.194
395030.8	5403668.7	4036	3950	-0.044	3566.915	980144.131	-159.994	219.012	-79.415	-20.397	709.696
395127.7	5403670.4	4036	3951	-0.045	3566.665	980143.881	-160.244	219.191	-79.480	-20.532	710.277
395337.6	5403542.8	4036	3953	-0.047	3568.554	980145.770	-158.461	216.259	-78.417	-20.618	700.776
395427.7	5403670.1	4036	3954	-0.048	3567.841	980145.057	-159.072	217.191	-78.754	-20.635	703.794
395627.0	5403665.5	4036	3956	-0.007	3566.203	980143.419	-160.716	219.612	-79.632	-20.736	711.641
395728.6	5403668.3	4036	3957	-0.007	3566.150	980143.366	-160.768	219.896	-79.735	-20.607	712.561
395828.4	5403667.5	4036	3958	-0.008	3564.958	980142.174	-161.962	222.053	-80.517	-20.426	719.549
395925.0	5403636.9	4036	3959	-0.009	3564.261	980141.477	-162.684	223.040	-80.875	-20.520	722.749
396020.7	5403604.2	4036	3960	-0.009	3564.417	980141.633	-162.556	222.649	-80.734	-20.641	721.481
D48											
395570.1	5403530.8	0	301	+0.000	3564.957	980141.960	-162.283	222.590	-80.712	-20.405	721.291

395570.1	5403530.8	0	301	+0.000	3564.957	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.029	3564.957	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3564.986	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.052	3564.986	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.038	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395120.0	5405543.0	0	399	-0.028	3570.030	980147.033	-155.578	216.020	-78.330	-17.888	700.000
395120.0	5405543.0	0	399	-0.028	3570.030	980147.033	-155.578	216.020	-78.330	-17.888	700.000
395120.0	5405543.0	0	399	+0.000	3570.118	980147.040	-155.571	216.020	-78.330	-17.881	700.000
395120.0	5405543.0	0	399	+0.000	3570.118	980147.040	-155.571	216.020	-78.330	-17.881	700.000
395530.9	5403672.0	4036	3955	-0.005	3567.301	980144.275	-159.854	218.534	-79.241	-20.561	708.145
395828.2	5403667.7	4036	3958	-0.050	3565.216	980142.190	-161.945	222.043	-80.514	-20.416	719.518
395428.3	5404169.5	4041	3954	-0.008	3566.230	980143.204	-160.521	219.882	-79.730	-20.370	712.513
395531.0	5404167.6	4041	3955	-0.010	3566.007	980142.981	-160.747	219.819	-79.707	-20.635	712.312
395625.8	5404166.9	4041	3956	-0.011	3565.555	980142.529	-161.201	220.676	-80.018	-20.542	715.088
395730.4	5404168.4	4041	3957	-0.012	3565.042	980142.016	-161.714	220.738	-80.041	-21.016	715.289
395825.7	5404170.7	4041	3958	-0.013	3564.926	980141.900	-161.829	220.587	-79.986	-21.227	714.800
394429.1	5404668.6	4046	3944	-0.045	3569.533	980146.507	-156.803	215.600	-78.177	-19.380	698.638
394533.9	5404666.9	4046	3945	-0.044	3570.215	980147.189	-156.123	214.308	-77.709	-19.524	694.452
394630.7	5404630.8	4046	3946	-0.043	3570.906	980147.880	-155.462	213.228	-77.317	-19.552	690.953
394740.5	5404598.5	4046	3947	-0.041	3571.098	980148.072	-155.298	212.583	-77.084	-19.798	688.863
394816.7	5404612.5	4046	3948	-0.039	3571.263	980148.237	-155.123	212.212	-76.949	-19.859	687.661
394932.4	5404616.6	4046	3949	-0.037	3570.916	980147.890	-155.468	212.575	-77.081	-19.973	688.837
395033.4	5404590.0	4046	3950	-0.034	3570.241	980147.215	-156.165	213.194	-77.305	-20.277	690.842
395133.5	5404564.1	4046	3951	-0.033	3569.825	980146.799	-156.603	213.751	-77.507	-20.359	692.648
395228.0	5404664.9	4046	3952	-0.028	3569.242	980146.216	-157.106	214.474	-77.769	-20.401	694.991
395327.9	5404659.9	4046	3953	-0.027	3568.441	980145.415	-157.912	215.063	-77.983	-20.832	696.898
395438.2	5404661.9	4046	3954	-0.026	3568.266	980145.240	-158.087	214.911	-77.928	-21.104	696.405
395529.0	5404664.2	4046	3955	-0.024	3568.049	980145.023	-158.303	214.955	-77.944	-21.292	696.548
395635.0	5404664.5	4046	3956	-0.023	3567.522	980144.496	-158.831	215.247	-78.050	-21.633	697.496
395736.4	5404658.0	4046	3957	-0.021	3565.818	980142.792	-160.542	217.764	-78.962	-21.740	705.650
395831.8	5404669.0	4046	3958	-0.019	3565.372	980142.346	-160.980	217.850	-78.993	-22.123	705.929
395928.7	5404678.1	4046	3959	-0.018	3567.936	980144.910	-158.410	213.702	-77.489	-22.197	692.490
396024.9	5404673.0	4046	3960	-0.016	3568.490	980145.464	-157.861	212.906	-77.200	-22.156	689.908
445858.7	5443447.1	6491	1141	+0.000	3691.460	980268.463	-3.970	7.406	-2.686	0.751	24.000
445858.7	5443447.1	6491	1141	+0.000	3691.460	980268.463	-3.970	7.406	-2.686	0.751	24.000
445858.7	5443447.1	6491	1141	-0.014	3691.449	980268.452	-3.981	7.406	-2.686	0.740	24.000
445858.7	5443447.1	6491	1141	-0.015	3691.448	980268.451	-3.982	7.406	-2.686	0.739	24.000

D49

395570.1	5403530.8	0	301	+0.000	3565.185	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.185	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.035	3565.185	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.220	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.033	3565.220	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.253	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395120.0	5405543.0	0	399	-0.034	3570.262	980147.037	-155.574	216.020	-78.330	-17.884	700.000
395120.0	5405543.0	0	399	-0.034	3570.262	980147.037	-155.574	216.020	-78.330	-17.884	700.000
395120.0	5405543.0	0	399	+0.000	3570.327	980147.034	-155.577	216.020	-78.330	-17.887	700.000
395120.0	5405543.0	0	399	+0.000	3570.327	980147.034	-155.577	216.020	-78.330	-17.887	700.000
395133.9	5404563.9	4046	3951	-0.003	3570.064	980146.804	-156.599	213.743	-77.504	-20.360	692.623
395150.9	5405171.8	4051	3951	-0.006	3571.530	980148.270	-154.641	210.770	-76.426	-20.297	682.987
395223.4	5405142.5	4051	3952	-0.006	3571.384	980148.124	-154.812	210.627	-76.374	-20.559	682.525
395331.3	5405170.5	4051	3953	-0.008	3570.972	980147.712	-155.202	210.864	-76.460	-20.798	683.293
395428.1	5405170.2	4051	3954	-0.009	3570.025	980146.765	-156.151	211.747	-76.781	-21.184	686.155
395518.1	5405168.3	4051	3955	-0.010	3570.450	980147.190	-155.728	210.833	-76.449	-21.344	683.192
395625.7	5405170.4	4051	3956	-0.011	3570.675	980147.415	-155.503	210.191	-76.216	-21.528	681.112
395729.8	5405171.5	4051	3957	-0.012	3570.822	980147.562	-155.356	209.645	-76.018	-21.730	679.343
395829.3	5405169.0	4051	3958	-0.014	3569.999	980146.739	-156.183	210.309	-76.259	-22.133	681.494
395928.2	5405148.8	4051	3959	-0.015	3569.838	980146.578	-156.361	210.615	-76.370	-22.116	682.487
396021.8	5405173.2	4051	3960	-0.016	3569.560	980146.300	-156.620	210.886	-76.468	-22.203	683.364
396120.1	5405180.0	4051	3961	-0.017	3569.629	980146.369	-156.547	210.615	-76.370	-22.302	682.486
395134.8	5405673.2	4056	3951	-0.028	3570.608	980147.348	-155.158	212.280	-76.974	-19.851	687.882
395226.8	5405671.3	4056	3952	-0.027	3569.690	980146.430	-156.078	212.786	-77.157	-20.450	689.520
395328.4	5405667.6	4056	3953	-0.026	3569.553	980146.293	-156.220	212.504	-77.055	-20.770	688.608
395429.0	5405667.5	4056	3954	-0.026	3569.717	980146.457	-156.057	212.066	-76.896	-20.887	687.188
395527.6	5405673.6	4056	3955	-0.025	3569.553	980146.293	-156.217	211.738	-76.777	-21.256	686.124
395628.9	5405670.0	4056	3956	-0.024	3569.328	980146.068	-156.446	211.814	-76.805	-21.437	686.370
395729.4	5405680.6	4056	3957	-0.023	3570.626	980147.366	-155.141	209.717	-76.044	-21.468	679.575
395818.4	5405672.3	4056	3958	-0.022	3571.800	980148.540	-153.974	207.732	-75.324	-21.567	673.143

395928.9	5405651.2	4056	3959	-0.021	3571.706	980148.446	-154.087	207.667	-75.301	-21.720	672.934
396017.5	5405620.0	4056	3960	-0.020	3571.718	980148.458	-154.101	207.556	-75.261	-21.806	672.574
396133.0	5405628.7	4056	3961	-0.019	3571.932	980148.672	-153.881	207.170	-75.121	-21.832	671.321
338429.7	5478512.7	6491	9142	+0.000	3685.810	980262.585	19.710	1.759	-0.638	20.831	5.700
338429.7	5478512.7	6491	9142	+0.000	3685.810	980262.585	19.710	1.759	-0.638	20.831	5.700
338429.7	5478512.7	6491	9142	-0.017	3685.818	980262.593	19.718	1.759	-0.638	20.839	5.700
338429.7	5478512.7	6491	9142	-0.017	3685.818	980262.593	19.718	1.759	-0.638	20.839	5.700

D50

395570.1	5403530.8	0	301	+0.000	3565.352	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.352	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.047	3565.352	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.399	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395120.0	5405543.0	0	399	+0.000	3570.428	980147.036	-155.575	216.020	-78.330	-17.885	700.000
395120.0	5405543.0	0	399	+0.000	3570.428	980147.036	-155.575	216.020	-78.330	-17.885	700.000
395120.0	5405543.0	0	399	+0.000	3570.482	980147.043	-155.568	216.020	-78.330	-17.878	700.000
395120.0	5405543.0	0	399	+0.000	3570.482	980147.043	-155.568	216.020	-78.330	-17.878	700.000
394239.8	5404656.3	4046	3942	-0.041	3571.089	980147.697	-155.620	213.901	-77.562	-19.281	693.135
394327.8	5404672.8	4046	3943	-0.040	3570.992	980147.600	-155.705	214.164	-77.657	-19.198	693.986
394429.2	5404668.7	4046	3944	-0.042	3569.889	980146.497	-156.813	215.605	-78.179	-19.387	698.655
393430.7	5405168.5	4051	3934	-0.015	3566.561	980143.169	-159.725	221.076	-80.163	-18.812	716.385
393522.6	5405137.6	4051	3935	-0.016	3566.986	980143.594	-159.326	220.605	-79.992	-18.713	714.858
393619.7	5405149.0	4051	3936	-0.020	3568.678	980145.286	-157.626	218.466	-79.217	-18.376	707.925
393731.1	5405153.8	4051	3937	-0.021	3569.995	980146.603	-156.306	216.472	-78.494	-18.328	701.466
393824.2	5405145.3	4051	3938	-0.022	3570.041	980146.649	-156.268	215.848	-78.267	-18.687	699.443
393920.8	5405209.6	4051	3939	-0.022	3570.724	980147.332	-155.534	215.011	-77.964	-18.488	696.729
394023.7	5405218.3	4051	3940	-0.023	3570.775	980147.383	-155.478	214.900	-77.924	-18.501	696.371
394127.4	5405187.8	4051	3941	-0.023	3571.146	980147.754	-155.132	214.249	-77.688	-18.571	694.262
394227.3	5405239.5	4051	3942	-0.024	3571.678	980148.286	-154.560	213.420	-77.387	-18.527	691.576
394325.5	5405221.5	4051	3943	-0.027	3571.883	980148.491	-154.371	213.019	-77.242	-18.593	690.275
394429.5	5405171.6	4051	3944	-0.027	3572.055	980148.663	-154.240	212.500	-77.053	-18.793	688.594
394530.2	5405152.1	4051	3945	-0.028	3572.661	980149.269	-153.651	211.643	-76.743	-18.750	685.817
394629.2	5405445.5	4051	3946	-0.029	3571.459	980148.067	-154.617	212.929	-77.209	-18.897	689.984
394720.6	5405453.9	4051	3947	-0.030	3571.882	980148.490	-154.188	212.474	-77.044	-18.758	688.511
394842.9	5405298.6	4051	3948	-0.031	3572.679	980149.287	-153.518	210.754	-76.420	-19.185	682.935
394929.5	5405264.0	4051	3949	-0.032	3572.275	980148.883	-153.951	210.983	-76.503	-19.472	683.677
395024.5	5405258.1	4051	3950	-0.032	3572.211	980148.819	-154.021	210.840	-76.451	-19.633	683.214
393729.3	5405664.2	4056	3937	-0.013	3568.188	980144.796	-157.700	218.522	-79.237	-18.415	708.108
393836.0	5405662.0	4056	3938	-0.012	3568.101	980144.709	-157.791	218.472	-79.219	-18.538	707.945
393920.4	5405651.9	4056	3939	-0.011	3567.893	980144.501	-158.008	218.853	-79.357	-18.512	709.181
394032.0	5405656.7	4056	3940	-0.010	3567.133	980143.741	-158.765	220.173	-79.836	-18.428	713.458
394131.6	5405668.6	4056	3941	-0.009	3567.077	980143.685	-158.812	220.335	-79.894	-18.372	713.982
394233.4	5405664.0	4056	3942	-0.008	3568.568	980145.176	-157.327	218.117	-79.090	-18.300	706.795
394336.3	5405654.0	4056	3943	-0.007	3568.972	980145.580	-156.932	217.321	-78.802	-18.412	704.216
394430.3	5405680.5	4056	3944	-0.006	3568.235	980144.843	-157.649	218.062	-79.070	-18.657	706.618
394531.8	5405660.0	4056	3945	-0.006	3567.468	980144.076	-158.433	219.221	-79.491	-18.703	710.374
394629.0	5405663.7	4056	3946	-0.005	3569.974	980146.582	-155.925	215.362	-78.091	-18.654	697.869
394733.0	5405664.1	4056	3947	-0.005	3570.830	980147.438	-155.070	213.498	-77.415	-18.988	691.829
394833.5	5405664.4	4056	3948	-0.004	3571.260	980147.868	-154.641	212.783	-77.156	-19.014	689.512
394925.7	5405661.3	4056	3949	-0.004	3570.946	980147.554	-154.959	212.861	-77.184	-19.282	689.763
395029.2	5405656.5	4056	3950	-0.003	3570.703	980147.311	-155.207	212.865	-77.186	-19.528	689.777
395134.9	5405673.2	4056	3951	-0.002	3570.742	980147.350	-155.156	212.284	-76.975	-19.847	687.893
395126.1	5406164.8	4061	3951	-0.044	3569.615	980146.223	-155.885	214.454	-77.762	-19.193	694.925
395228.5	5406163.6	4061	3952	-0.045	3569.142	980145.750	-156.360	214.870	-77.913	-19.403	696.273
395325.1	5406162.9	4061	3953	-0.045	3568.716	980145.324	-156.788	215.054	-77.980	-19.714	696.870
395426.0	5406167.0	4061	3954	-0.045	3568.875	980145.483	-156.627	214.451	-77.761	-19.937	694.916
395500.7	5406169.9	4061	3955	-0.046	3570.500	980147.108	-155.000	212.170	-76.934	-19.764	687.524

D51

395570.1	5403530.8	0	301	+0.000	3565.529	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.529	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.056	3565.529	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.585	980141.960	-162.283	222.590	-80.712	-20.405	721.291
391930.6	5405181.2	4051	3919	-0.031	3571.828	980148.259	-154.606	213.615	-77.458	-18.449	692.207
392032.6	5405161.0	4051	3920	-0.032	3575.077	980151.508	-151.375	209.212	-75.861	-18.024	677.940
392130.1	5405159.3	4051	3921	-0.033	3576.088	980152.519	-150.367	207.887	-75.381	-17.860	673.646
392227.2	5405163.4	4051	3922	-0.034	3576.980	980153.411	-149.472	206.635	-74.927	-17.764	669.587
392324.5	5405166.2	4051	3923	-0.035	3576.631	980153.062	-149.820	207.288	-75.164	-17.696	671.705
392434.0	5405012.0	4051	3924	-0.036	3574.300	980150.731	-152.277	210.573	-76.355	-18.059	682.348
392530.6	5405060.5	4051	3925	-0.037	3574.232	980150.663	-152.307	210.780	-76.430	-17.957	683.019

392630.5	5405146.4	4051	3926	-0.038	3574.174	980150.605	-152.297	210.821	-76.445	-17.921	683.152
392727.1	5405151.5	4051	3927	-0.039	3573.841	980150.272	-152.627	211.452	-76.674	-17.848	685.199
392827.6	5405208.6	4051	3928	-0.039	3573.686	980150.117	-152.737	211.678	-76.755	-17.814	685.931
392926.2	5405280.5	4051	3929	-0.041	3572.852	980149.283	-153.514	212.815	-77.168	-17.866	689.616
393064.2	5405201.0	4051	3930	-0.042	3569.373	980145.804	-157.059	217.537	-78.880	-18.402	704.916
393126.4	5405177.1	4051	3931	-0.043	3568.348	980144.779	-158.104	218.943	-79.390	-18.551	709.473
393222.8	5405172.4	4051	3932	-0.043	3568.187	980144.618	-158.270	218.621	-79.273	-18.922	708.428
393328.3	5405167.8	4051	3933	-0.044	3567.721	980144.152	-158.741	219.447	-79.573	-18.866	711.106
393430.6	5405168.5	4051	3934	-0.045	3566.734	980143.165	-159.728	221.067	-80.160	-18.821	716.354
391832.4	5405643.0	4056	3918	-0.029	3577.896	980154.327	-148.164	204.739	-74.239	-17.664	663.443
391931.2	5405624.4	4056	3919	-0.028	3578.521	980154.952	-147.555	204.264	-74.067	-17.358	661.904
392029.2	5405588.0	4056	3920	-0.025	3578.575	980155.006	-147.532	204.506	-74.155	-17.180	662.689
392130.6	5405612.1	4056	3921	-0.022	3577.591	980154.022	-148.497	205.961	-74.682	-17.219	667.405
392236.8	5405646.9	4056	3922	-0.021	3576.433	980152.864	-149.628	207.413	-75.209	-17.425	672.108
392327.8	5405656.8	4056	3923	-0.020	3575.933	980152.364	-150.122	208.080	-75.451	-17.492	674.270
392431.8	5405657.0	4056	3924	-0.020	3575.437	980151.868	-150.619	208.747	-75.693	-17.564	676.433
392533.3	5405658.8	4056	3925	-0.019	3575.769	980152.200	-150.287	208.224	-75.503	-17.566	674.736
392613.7	5405672.7	4056	3926	-0.018	3577.028	980153.459	-149.017	206.513	-74.883	-17.387	669.194
392732.8	5405665.9	4056	3927	-0.016	3576.671	980153.102	-149.381	207.126	-75.105	-17.360	671.179
392823.4	5405648.2	4056	3928	-0.016	3576.088	980152.519	-149.980	207.970	-75.411	-17.421	673.913
392930.2	5405674.6	4056	3929	-0.014	3576.587	980143.018	-149.460	207.047	-75.076	-17.489	670.925
393032.1	5405669.8	4056	3930	-0.013	3574.781	980151.212	-151.271	209.431	-75.941	-17.781	678.649
393130.6	5405664.8	4056	3931	-0.013	3572.697	980149.128	-153.361	213.554	-77.436	-17.242	692.009
393233.8	5405672.8	4056	3932	-0.012	3570.323	980146.754	-155.729	216.878	-78.641	-17.492	702.780
393335.2	5405674.8	4056	3933	-0.011	3567.981	980144.412	-158.071	220.345	-79.898	-17.624	714.015
393425.4	5405663.0	4056	3934	-0.009	3567.378	980143.809	-158.685	221.098	-80.171	-17.758	716.454
393524.5	5405656.9	4056	3935	-0.009	3567.708	980144.139	-158.361	220.222	-79.854	-17.992	713.617
393623.5	5405665.3	4056	3936	-0.008	3567.504	980143.935	-158.559	220.046	-79.790	-18.303	713.046
393729.4	5405664.3	4056	3937	-0.007	3568.341	980144.772	-157.724	218.530	-79.240	-18.435	708.132
394030.9	5406158.4	4061	3940	-0.053	3568.954	980145.385	-156.715	216.868	-78.637	-18.484	702.749
394126.4	5406169.0	4061	3941	-0.053	3569.153	980145.584	-156.509	216.569	-78.529	-18.469	701.780
394227.5	5406176.9	4061	3942	-0.052	3569.767	980146.198	-155.890	216.636	-78.553	-17.807	701.996
394328.2	5406187.3	4061	3943	-0.052	3569.614	980146.045	-156.036	216.658	-78.561	-17.939	702.066
394427.0	5406196.3	4061	3944	-0.051	3569.661	980146.092	-155.983	216.276	-78.423	-18.129	700.829
394527.5	5406205.3	4061	3945	-0.051	3570.132	980146.563	-155.505	215.084	-77.991	-18.412	696.968
394630.1	5406214.9	4061	3946	-0.050	3570.351	980146.782	-155.280	214.502	-77.779	-18.557	695.080
394726.6	5406233.2	4061	3947	-0.049	3570.025	980146.456	-155.592	214.306	-77.708	-18.995	694.445
394825.2	5406311.5	4061	3948	-0.049	3570.015	980146.446	-155.540	214.093	-77.631	-19.078	693.757
394916.0	5406266.7	4061	3949	-0.048	3570.438	980146.869	-155.154	213.427	-77.390	-19.117	691.598
395030.0	5406259.8	4061	3950	-0.047	3569.983	980146.414	-155.616	214.260	-77.692	-19.048	694.296
395126.3	5406164.8	4061	3951	-0.054	3569.801	980146.232	-155.876	214.452	-77.761	-19.185	694.918

D52

395570.1	5403530.8	0	301	+0.000	3565.759	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.759	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.053	3565.759	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.812	980141.960	-162.283	222.590	-80.712	-20.405	721.291
390236.2	5403990.2	4041	3902	-0.037	3576.146	980152.347	-151.461	210.124	-76.192	-17.528	680.895
390326.3	5403983.3	4041	3903	-0.038	3576.839	980153.040	-150.774	208.857	-75.733	-17.650	676.790
390430.8	5403981.5	4041	3904	-0.038	3577.185	980153.386	-150.431	208.131	-75.469	-17.770	674.435
390530.1	5403999.7	4041	3905	-0.039	3576.953	980153.154	-150.650	208.054	-75.441	-18.037	674.187
390624.5	5404112.4	4041	3906	-0.034	3577.410	980153.611	-150.103	207.417	-75.210	-17.896	672.122
390726.5	5404093.2	4041	3907	-0.040	3577.860	980154.061	-149.669	207.315	-75.173	-17.528	671.792
390829.5	5404143.3	4041	3908	-0.042	3577.704	980153.905	-149.786	207.040	-75.074	-17.820	670.901
390927.3	5404182.3	4041	3909	-0.043	3577.680	980153.881	-149.780	207.369	-75.193	-17.603	671.968
391027.2	5404175.1	4041	3910	-0.043	3577.458	980153.659	-150.009	207.174	-75.122	-17.957	671.336
391127.8	5404158.3	4041	3911	-0.044	3577.295	980153.496	-150.187	207.098	-75.095	-18.183	671.089
391222.3	5404222.1	4041	3912	-0.045	3576.178	980152.379	-151.253	208.856	-75.732	-18.129	676.786
391330.5	5404270.5	4041	3913	-0.045	3574.889	980151.090	-152.504	210.677	-76.392	-18.220	682.685
391441.7	5404295.1	4041	3914	-0.046	3573.225	980149.426	-154.150	212.872	-77.188	-18.466	689.800
391546.4	5404245.0	4041	3915	-0.047	3572.388	980148.589	-155.029	214.284	-77.700	-18.445	694.373
391637.6	5404181.4	4041	3916	-0.048	3572.717	980148.918	-154.752	213.943	-77.577	-18.386	693.271
391734.6	5404172.2	4041	3917	-0.048	3571.163	980147.364	-156.315	215.595	-78.176	-18.896	698.622
391826.9	5404167.8	4041	3918	-0.048	3571.709	980147.910	-155.773	214.662	-77.837	-18.948	695.600
391926.4	5404168.7	4041	3919	-0.049	3571.568	980147.769	-155.915	214.573	-77.805	-19.147	695.312
390522.8	5404508.0	4046	3905	-0.033	3574.331	980150.532	-152.860	211.757	-76.784	-17.888	686.185
390629.3	5404581.2	4046	3906	-0.032	3574.492	980150.693	-152.642	211.689	-76.760	-17.712	685.967
390725.8	5404667.5	4046	3907	-0.031	3573.927	980150.128	-153.138	212.398	-77.017	-17.756	688.264
390832.2	5404673.3	4046	3908	-0.031	3571.659	980147.860	-155.403	215.354	-78.088	-18.137	697.842

390927.8	5404668.0	4046	3909	-0.031	3571.899	980148.100	-155.168	214.603	-77.816	-18.381	695.408
391033.4	5404668.7	4046	3910	-0.030	3573.307	980149.508	-153.761	213.048	-77.252	-17.965	690.370
391133.5	5404669.2	4046	3911	-0.030	3573.029	980149.230	-154.040	213.286	-77.338	-18.092	691.141
391227.3	5404659.8	4046	3912	-0.029	3572.769	980148.970	-154.308	213.634	-77.464	-18.139	692.267
391331.3	5404658.4	4046	3913	-0.029	3572.424	980148.625	-154.656	214.106	-77.636	-18.186	693.797
391445.4	5404665.8	4046	3914	-0.028	3572.173	980148.374	-154.902	214.437	-77.756	-18.221	694.872
391528.8	5404671.2	4046	3915	-0.028	3572.108	980148.309	-154.964	214.452	-77.761	-18.273	694.919
391631.5	5404671.0	4046	3916	-0.027	3571.681	980147.882	-155.392	214.680	-77.844	-18.556	695.659
391729.7	5404670.9	4046	3917	-0.027	3571.816	980148.017	-155.258	214.869	-77.912	-18.302	696.270
390748.7	5405190.8	4051	3907	-0.012	3578.100	980154.301	-148.542	204.834	-74.274	-17.982	663.753
390833.0	5405165.7	4051	3908	-0.013	3577.221	980153.422	-149.443	205.804	-74.626	-18.264	666.897
390930.3	5405171.0	4051	3909	-0.014	3575.738	980151.939	-150.923	208.256	-75.514	-18.181	674.840
391028.7	5405171.5	4051	3910	-0.014	3575.002	980151.203	-151.659	209.348	-75.911	-18.222	678.380
391130.3	5405172.5	4051	3911	-0.015	3574.575	980150.776	-152.087	210.011	-76.151	-18.226	680.529
391232.7	5405181.4	4051	3912	-0.015	3574.358	980150.559	-152.298	210.381	-76.285	-18.202	681.726
391329.9	5405182.9	4051	3913	-0.016	3574.685	980150.886	-151.971	210.028	-76.157	-18.100	680.584
391427.1	5405170.1	4051	3914	-0.017	3573.764	980149.965	-152.903	211.507	-76.693	-18.089	685.376
391550.5	5405170.0	4051	3915	-0.018	3572.374	980148.575	-154.295	213.637	-77.466	-18.123	692.278
391629.0	5405166.5	4051	3916	-0.018	3572.384	980148.585	-154.289	213.021	-77.242	-18.510	690.283
391729.5	5405171.7	4051	3917	-0.019	3572.857	980149.058	-153.812	212.467	-77.041	-18.387	688.487
391831.7	5405166.8	4051	3918	-0.019	3572.616	980148.817	-154.059	212.853	-77.181	-18.387	689.738
391930.6	5405181.1	4051	3919	-0.020	3572.071	980148.272	-154.593	213.596	-77.451	-18.448	692.145
392130.3	5405158.9	4051	3921	-0.051	3576.328	980152.529	-150.357	207.894	-75.383	-17.846	673.668
390932.9	5405670.7	4056	3909	-0.011	3577.677	980153.878	-148.579	205.314	-74.448	-17.713	665.308
391028.6	5405673.1	4056	3910	-0.010	3577.878	980154.079	-148.378	205.007	-74.337	-17.707	664.314
391130.6	5405667.7	4056	3911	-0.009	3577.897	980154.098	-148.364	204.789	-74.257	-17.833	663.605
391230.1	5405661.0	4056	3912	-0.008	3578.272	980154.473	-147.996	204.452	-74.135	-17.679	662.513
391327.3	5405671.9	4056	3913	-0.008	3577.516	980153.717	-148.744	205.323	-74.451	-17.872	665.337
391434.2	5405669.7	4056	3914	-0.007	3577.846	980154.047	-148.417	204.919	-74.304	-17.803	664.027
391534.0	5405673.5	4056	3915	-0.007	3577.483	980153.684	-148.779	205.443	-74.494	-17.830	665.725
391624.7	5405663.5	4056	3916	-0.006	3577.124	980153.325	-149.147	205.974	-74.687	-17.860	667.448
391732.3	5405664.1	4056	3917	-0.006	3577.809	980154.010	-148.462	205.137	-74.384	-17.709	664.735
391832.7	5405643.0	4056	3918	-0.005	3578.141	980154.342	-148.149	204.739	-74.239	-17.649	663.446

D53

395570.1	5403530.8	0	301	+0.000	3565.963	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.963	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.064	3565.963	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3566.027	980141.960	-162.283	222.590	-80.712	-20.405	721.291
391926.4	5404168.6	4041	3919	-0.034	3571.766	980147.763	-155.921	214.561	-77.801	-19.161	695.273
392032.6	5404168.7	4041	3920	-0.033	3574.510	980150.507	-153.178	210.743	-76.416	-18.852	682.901
392130.5	5404172.9	4041	3921	-0.033	3576.220	980152.217	-151.466	208.448	-75.584	-18.602	675.465
392225.8	5404172.6	4041	3922	-0.032	3575.460	980151.457	-152.227	209.819	-76.081	-18.490	679.905
392335.0	5404171.2	4041	3923	-0.032	3574.385	980150.382	-153.305	211.162	-76.568	-18.711	684.258
392418.8	5404174.3	4041	3924	-0.031	3572.853	980148.850	-154.835	213.249	-77.325	-18.911	691.021
392529.9	5404171.8	4041	3925	-0.030	3571.122	980147.119	-156.570	215.539	-78.155	-19.186	698.442
392628.2	5404152.3	4041	3926	-0.030	3570.951	980146.948	-156.758	215.883	-78.280	-19.155	699.555
392733.2	5404152.1	4041	3927	-0.029	3570.778	980146.775	-156.932	216.548	-78.521	-18.906	701.711
392827.1	5404170.2	4041	3928	-0.028	3569.706	980145.703	-157.991	218.139	-79.098	-18.950	706.866
392930.0	5404170.2	4041	3929	-0.028	3569.352	980145.349	-158.346	218.354	-79.176	-19.168	707.563
393033.9	5404177.8	4041	3930	-0.027	3568.630	980144.627	-159.063	219.179	-79.475	-19.359	710.237
393738.5	5404216.3	4041	3937	-0.046	3569.279	980145.276	-158.391	218.208	-79.123	-19.306	707.089
393824.9	5404174.8	4041	3938	-0.047	3568.694	980144.691	-159.011	218.972	-79.400	-19.439	709.567
393926.8	5404132.7	4041	3939	-0.048	3569.118	980145.115	-158.622	218.595	-79.263	-19.291	708.343
394026.8	5404085.0	4041	3940	-0.048	3569.060	980145.057	-158.720	219.253	-79.502	-18.969	710.476
394132.4	5404052.1	4041	3941	-0.049	3568.588	980144.585	-159.220	220.059	-79.794	-18.955	713.089
394217.0	5404004.0	4041	3942	-0.050	3568.711	980144.708	-159.137	220.055	-79.793	-18.875	713.074
391730.2	5404668.8	4046	3917	-0.006	3571.987	980147.984	-155.293	214.892	-77.921	-18.322	696.344
391828.2	5404673.1	4046	3918	-0.007	3571.725	980147.722	-155.553	215.261	-78.055	-18.347	697.540
391928.9	5404667.8	4046	3919	-0.007	3571.156	980147.153	-156.127	215.702	-78.215	-18.640	698.970
392029.8	5404668.6	4046	3920	-0.008	3571.655	980147.652	-155.629	214.741	-77.866	-18.754	695.856
392127.8	5404658.8	4046	3921	-0.009	3571.398	980147.395	-155.895	214.996	-77.959	-18.857	696.683
392231.1	5404667.8	4046	3922	-0.011	3569.873	980145.870	-157.414	216.950	-78.667	-19.131	703.014
392329.0	5404672.7	4046	3923	-0.011	3570.486	980146.483	-156.798	216.138	-78.373	-19.033	700.383
392430.0	5404668.0	4046	3924	-0.012	3570.344	980146.341	-156.945	216.361	-78.453	-19.038	701.105
392532.1	5404680.2	4046	3925	-0.013	3569.920	980145.917	-157.361	216.797	-78.611	-19.175	702.517
392625.4	5404621.9	4046	3926	-0.014	3569.507	980145.504	-157.822	217.289	-78.790	-19.323	704.112
392730.5	5404580.5	4046	3927	-0.014	3570.128	980146.125	-157.236	216.888	-78.645	-18.992	702.814
392829.9	5404553.7	4046	3928	-0.015	3570.380	980146.377	-157.007	216.738	-78.590	-18.859	702.326

392927.2	5404530.1	4046	3929	-0.016	3570.192	980146.189	-157.215	216.919	-78.656	-18.952	702.913
393029.6	5404634.6	4046	3930	-0.017	3569.188	980145.185	-158.136	218.086	-79.079	-19.129	706.694
393128.3	5404674.3	4046	3931	-0.018	3569.224	980145.221	-158.069	218.833	-79.350	-18.586	709.115
393228.1	5404673.2	4046	3932	-0.019	3568.701	980144.698	-158.594	219.341	-79.534	-18.787	710.760
393331.9	5404669.5	4046	3933	-0.020	3568.368	980144.365	-158.931	219.755	-79.684	-18.860	712.104
393432.9	5404668.1	4046	3934	-0.021	3568.416	980144.413	-158.885	219.600	-79.628	-18.913	711.602
393522.0	5404681.4	4046	3935	-0.022	3568.658	980144.655	-158.634	218.870	-79.363	-19.127	709.235
393624.9	5404700.2	4046	3936	-0.041	3568.937	980144.934	-158.341	218.309	-79.160	-19.191	707.418
393732.0	5404704.4	4046	3937	-0.042	3569.110	980145.107	-158.166	218.211	-79.124	-19.079	707.100
393828.0	5404665.3	4046	3938	-0.043	3570.208	980146.205	-157.100	216.710	-78.580	-18.970	702.235
393926.8	5404673.2	4046	3939	-0.043	3570.254	980146.251	-157.049	215.992	-78.320	-19.377	699.909
394021.3	5404732.8	4046	3940	-0.044	3571.401	980147.398	-155.855	214.291	-77.703	-19.267	694.398
391261.5	5406136.8	4061	3912	-0.059	3578.394	980154.391	-147.693	204.281	-74.073	-17.485	661.962
391331.5	5406172.4	4061	3913	-0.058	3578.586	980154.583	-147.474	203.774	-73.889	-17.589	660.317
391434.0	5406177.7	4061	3914	-0.058	3578.218	980154.215	-147.839	204.350	-74.098	-17.587	662.185
391531.7	5406172.2	4061	3915	-0.057	3578.801	980154.798	-147.261	203.489	-73.786	-17.558	659.394
391629.6	5406185.0	4061	3916	-0.056	3578.990	980154.987	-147.063	202.664	-73.487	-17.886	656.720
391728.2	5406172.0	4061	3917	-0.055	3580.206	980156.203	-145.859	200.852	-72.830	-17.836	650.850
391833.7	5406164.6	4061	3918	-0.054	3579.837	980155.834	-146.235	201.455	-73.048	-17.829	652.802
394727.0	5406233.1	4061	3947	-0.063	3570.455	980146.452	-155.596	214.288	-77.702	-19.010	694.388

D56

395570.1	5403530.8	0	301	+0.000	3566.688	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3566.688	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.072	3566.688	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3566.760	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395029.9	5406259.9	4061	3950	-0.004	3571.121	980146.393	-155.637	214.263	-77.693	-19.067	694.306
394131.2	5406681.5	4066	3941	-0.025	3572.226	980147.498	-154.181	214.843	-77.903	-17.241	696.186
394226.1	5406663.8	4066	3942	-0.028	3571.412	980146.684	-155.010	215.538	-78.155	-17.627	698.439
394331.0	5406667.9	4066	3943	-0.029	3570.231	980145.503	-156.189	216.830	-78.623	-17.983	702.624
394428.5	5406670.6	4066	3944	-0.029	3569.595	980144.867	-156.824	217.438	-78.844	-18.230	704.595
394528.5	5406607.2	4066	3945	-0.030	3568.736	980144.008	-157.735	218.656	-79.286	-18.365	708.542
394632.4	5406608.3	4066	3946	-0.031	3568.260	980143.532	-158.212	218.919	-79.381	-18.674	709.393
394729.8	5406681.8	4066	3947	-0.031	3568.208	980143.480	-158.205	218.683	-79.295	-18.818	708.629
394835.1	5406668.7	4066	3948	-0.032	3568.486	980143.758	-157.939	218.049	-79.066	-18.956	706.576
394931.5	5406659.0	4066	3949	-0.032	3568.373	980143.645	-158.061	218.033	-79.060	-19.088	706.524
395030.8	5406654.5	4066	3950	-0.032	3568.606	980143.878	-157.833	217.390	-78.827	-19.270	704.440
393812.0	5406988.0	4071	3938	-0.024	3574.898	980150.170	-151.257	209.554	-75.985	-17.689	679.046
393930.7	5406999.7	4071	3939	-0.023	3574.228	980149.500	-151.919	211.110	-76.549	-17.359	684.088
394029.4	5407010.5	4071	3940	-0.022	3572.563	980147.835	-153.576	213.609	-77.456	-17.423	692.188
394123.5	5406984.4	4071	3941	-0.021	3571.827	980147.099	-154.335	215.005	-77.962	-17.292	696.710
394245.6	5406989.5	4071	3942	-0.021	3571.097	980146.369	-155.062	215.598	-78.177	-17.641	698.632
394329.0	5406991.5	4071	3943	-0.020	3569.801	980145.073	-156.357	217.022	-78.693	-18.028	703.248
394424.7	5406983.6	4071	3944	-0.020	3568.769	980144.041	-157.397	218.555	-79.249	-18.091	708.213
394526.7	5406990.8	4071	3945	-0.019	3568.374	980143.646	-157.787	218.145	-79.100	-18.743	706.885
394627.8	5407000.4	4071	3946	-0.019	3568.350	980143.622	-157.805	218.051	-79.066	-18.820	706.582
394727.3	5407009.2	4071	3947	-0.018	3568.194	980143.466	-157.955	218.221	-79.128	-18.862	707.131
394829.2	5407019.5	4071	3948	-0.018	3567.330	980142.602	-158.811	219.098	-79.446	-19.159	709.975
394934.6	5407064.3	4071	3949	-0.017	3567.008	980142.280	-159.099	219.234	-79.495	-19.359	710.416
395025.4	5407121.7	4071	3950	-0.005	3567.062	980142.334	-158.999	218.840	-79.352	-19.512	709.138
395128.5	5407062.6	4071	3951	-0.006	3568.548	980143.820	-157.562	216.685	-78.571	-19.448	702.156
395220.4	5407037.4	4071	3952	-0.007	3569.054	980144.326	-157.078	215.522	-78.149	-19.705	698.385
395326.6	5407059.0	4071	3953	-0.008	3569.280	980144.552	-156.835	214.968	-77.948	-19.816	696.592
395431.0	5407069.1	4071	3954	-0.009	3569.057	980144.329	-157.052	214.838	-77.901	-20.115	696.170
395529.0	5407078.2	4071	3955	-0.009	3568.536	980143.808	-157.566	214.844	-77.903	-20.626	696.188
395622.1	5407087.7	4071	3956	-0.010	3569.040	980144.312	-157.056	214.048	-77.615	-20.622	693.611
395733.5	5407124.9	4071	3957	-0.012	3570.671	980145.943	-155.396	211.806	-76.802	-20.392	686.346
395819.7	5407122.4	4071	3958	-0.012	3571.071	980146.343	-154.999	210.962	-76.496	-20.533	683.610
395929.7	5407143.2	4071	3959	-0.012	3570.918	980146.190	-155.137	210.769	-76.426	-20.794	682.983
396029.0	5407167.8	4071	3960	-0.014	3571.267	980146.539	-154.769	210.115	-76.188	-20.843	680.864
396236.4	5407137.1	4071	3962	-0.042	3572.187	980147.459	-153.876	208.224	-75.503	-21.155	674.736
396327.4	5407149.9	4071	3963	-0.043	3571.942	980147.214	-154.112	207.725	-75.322	-21.709	673.119
396432.5	5407159.7	4071	3964	-0.043	3572.234	980147.506	-153.813	207.504	-75.242	-21.551	672.405
396517.4	5407196.5	4071	3965	-0.044	3572.662	980147.934	-153.356	206.730	-74.961	-21.587	669.897
396626.5	5407321.1	4071	3966	-0.045	3573.843	980149.115	-152.076	204.205	-74.045	-21.917	661.713
396728.5	5407349.0	4071	3967	-0.045	3574.286	980149.558	-151.611	203.224	-73.690	-22.077	658.535

D57

395570.1	5403530.8	0	301	+0.000	3565.767	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3565.767	980141.960	-162.283	222.590	-80.712	-20.405	721.291

395570.1	5403530.8	0	301	-0.514	3565.767	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3566.281	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395030.9	5406654.8	4066	3950	-0.040	3567.699	980143.892	-157.819	217.394	-78.828	-19.253	704.452
395025.3	5407121.5	4071	3950	-0.490	3566.170	980142.363	-158.970	218.856	-79.358	-19.473	709.189
393323.0	5407698.7	4076	3933	-0.247	3572.396	980148.589	-152.258	209.059	-75.806	-19.004	677.443
393431.0	5407756.8	4076	3934	-0.235	3572.072	980148.265	-152.536	209.452	-75.948	-19.032	678.716
393526.4	5407785.7	4076	3935	-0.226	3570.996	980147.189	-153.590	211.317	-76.625	-18.897	684.761
393631.4	5407786.9	4076	3936	-0.218	3567.781	980143.974	-156.805	216.234	-78.407	-18.978	700.692
393730.8	5407773.6	4076	3937	-0.209	3567.467	980143.660	-157.131	217.099	-78.721	-18.753	703.497
393830.5	5407757.0	4076	3938	-0.201	3569.696	980145.889	-154.917	213.980	-77.590	-18.527	693.388
393931.5	5407742.9	4076	3939	-0.193	3568.023	980144.216	-156.602	216.252	-78.414	-18.764	700.753
394030.8	5407724.3	4076	3940	-0.185	3566.341	980142.534	-158.300	219.604	-79.629	-18.326	711.613
394129.1	5407820.2	4076	3941	-0.175	3566.712	980142.905	-157.853	218.650	-79.283	-18.486	708.522
394228.0	5407799.3	4076	3942	-0.165	3566.252	980142.445	-158.331	218.628	-79.275	-18.979	708.451
394329.4	5407777.2	4076	3943	-0.157	3566.404	980142.597	-158.198	219.084	-79.441	-18.555	709.928
394425.8	5407754.2	4076	3944	-0.150	3566.458	980142.651	-158.164	218.639	-79.279	-18.804	708.486
394529.8	5407731.4	4076	3945	-0.141	3566.271	980142.464	-158.371	218.365	-79.180	-19.186	707.599
394625.5	5407707.8	4076	3946	-0.131	3566.571	980142.764	-158.091	216.910	-78.652	-19.833	702.883
394731.2	5407683.8	4076	3947	-0.123	3566.408	980142.601	-158.274	217.080	-78.714	-19.909	703.435
394825.5	5407677.1	4076	3948	-0.114	3566.344	980142.537	-158.345	217.170	-78.747	-19.921	703.728
394929.4	5407674.6	4076	3949	-0.107	3566.739	980142.932	-157.953	217.297	-78.793	-19.449	704.138
395024.8	5407672.0	4076	3950	-0.098	3566.511	980142.704	-158.184	217.447	-78.847	-19.584	704.625
395131.3	5407674.4	4076	3951	-0.082	3566.866	980143.059	-157.829	216.525	-78.513	-19.816	701.638
393942.5	5408166.3	4081	3939	-0.312	3571.555	980147.748	-152.728	209.831	-76.086	-18.983	679.946
394024.4	5408152.3	4081	3940	-0.325	3570.528	980146.721	-153.767	211.670	-76.752	-18.850	685.903
394139.5	5408165.2	4081	3941	-0.338	3571.009	980147.202	-153.277	210.787	-76.432	-18.922	683.043
394227.9	5408168.6	4081	3942	-0.352	3570.424	980146.617	-153.861	211.504	-76.692	-19.049	685.365
394328.9	5408154.0	4081	3943	-0.366	3567.030	980143.223	-157.268	216.015	-78.328	-19.581	699.983
394437.8	5408170.8	4081	3944	-0.379	3564.893	980141.086	-159.392	219.382	-79.549	-19.559	710.894
394527.7	5408185.1	4081	3945	-0.387	3564.816	980141.009	-159.459	218.938	-79.388	-19.909	709.454
394627.9	5408165.9	4081	3946	-0.396	3565.336	980141.529	-158.955	217.836	-78.988	-20.108	705.885
394733.7	5408167.7	4081	3947	-0.404	3565.711	980141.904	-158.580	217.803	-78.976	-19.753	705.779
394829.4	5408155.0	4081	3948	-0.412	3565.842	980142.035	-158.461	217.628	-78.913	-19.745	705.211
394930.1	5408162.5	4081	3949	-0.423	3566.306	980142.499	-157.992	216.803	-78.614	-19.803	702.536
395031.3	5408175.3	4081	3950	-0.434	3566.853	980143.046	-157.436	215.800	-78.250	-19.886	699.287
395127.1	5408144.7	4081	3951	-0.445	3566.869	980143.062	-157.445	215.330	-78.080	-20.195	697.764
395230.3	5408139.1	4081	3952	-0.457	3566.386	980142.579	-157.934	216.298	-78.431	-20.067	700.901
395337.2	5408145.2	4081	3953	-0.469	3566.364	980142.557	-157.952	215.441	-78.120	-20.631	698.124

D58

395570.1	5403530.8	0	301	+0.000	3566.983	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3566.983	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.129	3566.983	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3567.112	980141.960	-162.283	222.590	-80.712	-20.405	721.291
391630.8	5406671.4	4066	3916	-0.105	3581.754	980156.731	-144.926	199.700	-72.412	-17.638	647.117
391733.9	5406674.8	4066	3917	-0.104	3579.912	980154.889	-146.766	202.833	-73.548	-17.481	657.269
391829.6	5406656.1	4066	3918	-0.110	3576.559	980151.536	-150.136	207.863	-75.372	-17.645	673.569
391916.7	5406638.3	4066	3919	-0.111	3577.946	980152.923	-148.764	205.792	-74.621	-17.593	666.856
391632.7	5407169.5	4071	3916	-0.099	3580.302	980155.279	-145.975	201.387	-73.024	-17.612	652.583
391729.6	5407177.7	4071	3917	-0.097	3578.570	980153.547	-147.702	203.667	-73.850	-17.885	659.970
391831.7	5407167.9	4071	3918	-0.095	3576.485	980151.462	-149.796	207.048	-75.076	-17.824	670.926
391912.5	5407164.9	4071	3919	-0.094	3575.848	980150.825	-150.436	207.752	-75.332	-18.016	673.207
393428.7	5407154.2	4071	3934	-0.123	3576.330	980151.307	-149.981	207.407	-75.207	-17.781	672.091
393533.2	5407151.9	4071	3935	-0.122	3576.189	980151.166	-150.125	207.966	-75.409	-17.569	673.901
393626.9	5407127.3	4071	3936	-0.120	3575.885	980150.862	-150.450	208.402	-75.567	-17.616	675.313
393732.3	5407094.8	4071	3937	-0.119	3575.998	980150.975	-150.365	208.224	-75.503	-17.643	674.739
394030.9	5407724.3	4076	3940	-0.126	3567.513	980142.490	-158.344	219.604	-79.629	-18.370	711.614
395131.2	5407674.2	4076	3951	-0.083	3568.066	980143.043	-157.845	216.516	-78.510	-19.839	701.606
395229.2	5407669.3	4076	3952	-0.082	3568.385	980143.362	-157.531	215.924	-78.295	-19.902	699.689
395331.2	5407669.2	4076	3953	-0.081	3569.006	980143.983	-156.911	214.734	-77.864	-20.041	695.833
395434.6	5407655.3	4076	3954	-0.079	3569.506	980144.483	-156.424	214.068	-77.622	-19.977	693.676
395534.3	5407658.0	4076	3955	-0.078	3569.175	980144.152	-156.754	214.134	-77.646	-20.266	693.887
395629.2	5407669.7	4076	3956	-0.077	3568.689	980143.666	-157.231	214.633	-77.827	-20.425	695.505
395731.4	5407669.9	4076	3957	-0.076	3568.530	980143.507	-157.391	214.809	-77.891	-20.473	696.075
395828.3	5407668.1	4076	3958	-0.074	3568.335	980143.312	-157.589	215.018	-77.966	-20.538	696.753
395935.6	5407670.9	4076	3959	-0.073	3568.549	980143.526	-157.374	213.595	-77.451	-21.229	692.143
396026.2	5407666.8	4076	3960	-0.072	3570.769	980145.746	-155.158	209.863	-76.097	-21.393	680.047
396131.5	5407665.4	4076	3961	-0.071	3571.754	980146.731	-154.176	207.712	-75.317	-21.781	673.078
396237.3	5407678.7	4076	3962	-0.070	3572.577	980147.554	-153.343	206.427	-74.851	-21.767	668.915

396324.4	5407658.5	4076	3963	-0.069	3572.053	980147.030	-153.885	207.076	-75.087	-21.895	671.019
396432.1	5407666.6	4076	3964	-0.068	3572.246	980147.223	-153.686	206.515	-74.883	-22.054	669.201
396531.6	5407666.4	4076	3965	-0.066	3572.504	980147.481	-153.429	206.029	-74.707	-22.107	667.625
396634.9	5407673.3	4076	3966	-0.065	3573.323	980148.300	-152.606	204.934	-74.310	-21.982	664.076
396729.9	5407702.3	4076	3967	-0.063	3574.914	980149.891	-150.993	202.210	-73.322	-22.105	655.250
396838.4	5407703.1	4076	3968	-0.061	3577.398	980152.375	-148.509	198.093	-71.829	-22.246	641.908
396939.7	5407682.2	4076	3969	-0.060	3578.003	980152.980	-147.923	196.895	-71.395	-22.422	638.028
397027.5	5407667.8	4076	3970	-0.056	3578.062	980153.039	-147.876	196.503	-71.253	-22.626	636.756
397115.7	5407667.7	4076	3971	-0.051	3578.148	980153.125	-147.791	196.265	-71.167	-22.693	635.986
397230.2	5407670.3	4076	3972	-0.047	3577.910	980152.887	-148.029	196.362	-71.202	-22.869	636.298
395337.2	5408145.6	4081	3953	-0.008	3567.564	980142.541	-157.968	215.423	-78.113	-20.658	698.066
395422.8	5408155.5	4081	3954	-0.009	3569.635	980144.612	-155.890	212.082	-76.902	-20.710	687.240
395525.4	5408165.1	4081	3955	-0.010	3568.985	980143.962	-156.534	212.209	-76.948	-21.272	687.651
395622.9	5408172.2	4081	3956	-0.011	3569.442	980144.419	-156.072	211.390	-76.651	-21.333	684.996
395729.4	5408042.7	4081	3957	-0.012	3570.329	980145.306	-155.291	211.102	-76.546	-20.736	684.063
395825.2	5407961.5	4081	3958	-0.018	3569.912	980144.889	-155.775	211.942	-76.851	-20.684	686.785
395936.7	5407826.5	4081	3959	-0.019	3568.586	980143.563	-157.211	213.352	-77.363	-21.221	691.356
396024.1	5407895.3	4081	3960	-0.020	3570.168	980145.145	-155.575	210.368	-76.280	-21.487	681.686
396127.1	5407972.7	4081	3961	-0.022	3571.859	980146.836	-153.822	207.144	-75.111	-21.789	671.239
396224.5	5408063.3	4081	3962	-0.023	3573.033	980148.010	-152.576	205.006	-74.336	-21.906	664.309
396350.4	5408153.1	4081	3963	-0.025	3573.695	980148.672	-151.843	203.663	-73.849	-22.029	659.957
396421.2	5408166.6	4081	3964	-0.026	3572.979	980147.956	-152.549	204.413	-74.121	-22.257	662.389
396529.3	5408166.4	4081	3965	-0.028	3573.907	980148.884	-151.622	203.035	-73.621	-22.209	657.923
396630.3	5408172.7	4081	3966	-0.029	3576.118	980151.095	-149.407	199.296	-72.265	-22.377	645.806
396724.6	5408175.8	4081	3967	-0.032	3577.352	980152.329	-148.172	197.360	-71.564	-22.375	639.533
396834.0	5408174.4	4081	3968	-0.033	3577.858	980152.835	-147.668	196.360	-71.201	-22.509	636.294
396925.0	5408168.5	4081	3969	-0.036	3578.001	980152.978	-147.531	196.004	-71.072	-22.599	635.139
397021.5	5408168.3	4081	3970	-0.038	3578.109	980153.086	-147.424	196.029	-71.081	-22.476	635.221

D59

395570.1	5403530.8	0	301	+0.000	3567.308	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3567.308	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.041	3567.308	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3567.349	980141.960	-162.283	222.590	-80.712	-20.405	721.291
392132.5	5402201.8	4021	3921	-0.037	3570.429	980145.081	-160.196	219.575	-79.619	-20.239	711.521
392233.3	5402169.6	4021	3922	-0.038	3571.476	980146.128	-159.176	217.978	-79.040	-20.238	706.346
392331.8	5402165.1	4021	3923	-0.038	3572.020	980146.672	-158.637	217.025	-78.694	-20.306	703.258
392424.5	5402664.5	4026	3924	-0.036	3574.134	980148.786	-156.120	213.477	-77.408	-20.051	691.761
392531.2	5402666.8	4026	3925	-0.036	3573.477	980148.129	-156.777	214.804	-77.889	-19.862	696.059
392629.9	5402666.9	4026	3926	-0.035	3572.834	980147.486	-157.421	215.570	-78.167	-20.018	698.541
392727.0	5402668.5	4026	3927	-0.035	3572.933	980147.585	-157.322	215.254	-78.052	-20.120	697.519
392821.1	5402666.8	4026	3928	-0.035	3573.061	980147.713	-157.196	214.999	-77.959	-20.157	696.690
392733.4	5404151.8	4041	3927	-0.040	3572.128	980146.780	-156.927	216.547	-78.521	-18.901	701.709
392431.4	5405656.7	4056	3924	-0.030	3577.194	980151.846	-150.641	208.715	-75.681	-17.607	676.330
394828.8	5407019.0	4071	3948	-0.002	3567.960	980142.612	-158.802	219.102	-79.447	-19.148	709.986
391936.5	5407669.9	4076	3919	-0.020	3575.608	980150.260	-150.593	207.792	-75.346	-18.147	673.339
392030.7	5407637.7	4076	3920	-0.019	3575.717	980150.369	-150.511	207.592	-75.274	-18.193	672.689
392132.5	5407664.1	4076	3921	-0.018	3575.030	980149.682	-151.178	208.407	-75.569	-18.341	675.331
392221.0	5407723.4	4076	3922	-0.018	3574.376	980149.028	-151.785	209.880	-76.103	-18.009	680.104
392332.4	5407665.8	4076	3923	-0.017	3574.354	980149.006	-151.855	209.159	-75.842	-18.539	677.766
392428.4	5407661.3	4076	3924	-0.017	3574.080	980148.732	-152.134	209.395	-75.928	-18.667	678.533
392528.0	5407735.2	4076	3925	-0.016	3573.793	980148.445	-152.363	209.670	-76.027	-18.720	679.422
392631.4	5407666.9	4076	3926	-0.016	3573.195	980147.847	-153.017	211.022	-76.517	-18.513	683.804
392733.2	5407677.4	4076	3927	-0.015	3572.831	980147.483	-153.374	210.951	-76.492	-18.915	683.574
392338.3	5408175.8	4081	3923	-0.005	3567.179	980141.831	-158.618	219.948	-79.754	-18.424	712.729
392419.1	5408168.6	4081	3924	-0.006	3569.764	980144.416	-156.040	216.105	-78.361	-18.295	700.277
392519.9	5408165.7	4081	3925	-0.007	3571.297	980145.949	-154.510	213.960	-77.583	-18.133	693.326
392631.8	5408172.5	4081	3926	-0.007	3571.441	980146.093	-154.362	213.162	-77.294	-18.493	690.740
392726.8	5408176.4	4081	3927	-0.008	3571.872	980146.524	-153.929	212.000	-76.872	-18.801	686.975
392825.2	5408167.3	4081	3928	-0.008	3572.046	980146.698	-153.764	211.202	-76.583	-19.144	684.388
392929.1	5408172.3	4081	3929	-0.009	3572.415	980147.067	-153.392	210.183	-76.213	-19.422	681.085
393030.9	5408174.9	4081	3930	-0.009	3572.652	980147.304	-153.154	209.528	-75.976	-19.602	678.963
393127.0	5408171.4	4081	3931	-0.010	3572.658	980147.310	-153.152	209.569	-75.991	-19.574	679.096
393230.8	5408168.1	4081	3932	-0.011	3572.544	980147.196	-153.270	210.118	-76.190	-19.342	680.874
393329.6	5408190.2	4081	3933	-0.011	3572.065	980146.717	-153.732	211.019	-76.516	-19.230	683.795
393426.6	5408210.5	4081	3934	-0.012	3571.235	980145.887	-154.547	211.763	-76.786	-19.570	686.204
393528.5	5408231.8	4081	3935	-0.012	3570.005	980144.657	-155.761	213.562	-77.438	-19.638	692.034

D60

395570.1	5403530.8	0	301	+0.000	3567.537	980141.960	-162.283	222.590	-80.712	-20.405	721.291
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395570.1	5403530.8	0	301	+0.000	3567.537	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.075	3567.537	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.001	3567.612	980141.960	-162.283	222.590	-80.712	-20.405	721.291
392231.1	5404667.9	4046	3922	-0.006	3571.446	980145.869	-157.415	216.951	-78.667	-19.131	703.016
391935.5	5406171.9	4061	3919	-0.008	3579.343	980153.766	-148.298	203.971	-73.961	-18.288	660.957
392036.8	5406209.9	4061	3920	-0.009	3579.090	980153.513	-148.522	204.376	-74.108	-18.253	662.268
392120.0	5406155.1	4061	3921	-0.011	3579.296	980153.719	-148.361	204.419	-74.123	-18.066	662.407
392218.9	5406135.3	4061	3922	-0.012	3579.659	980154.082	-148.015	203.985	-73.966	-17.997	661.000
392328.7	5406118.3	4061	3923	-0.013	3580.538	980154.961	-147.152	202.926	-73.582	-17.808	657.569
392437.1	5406056.5	4061	3924	-0.014	3580.788	980155.211	-146.953	203.136	-73.658	-17.475	658.250
392537.8	5406136.2	4061	3925	-0.016	3579.831	980154.254	-147.847	205.033	-74.346	-17.160	664.396
392627.5	5406054.7	4061	3926	-0.016	3579.106	980153.529	-148.638	205.646	-74.568	-17.561	666.383
392730.5	5406061.4	4061	3927	-0.017	3578.873	980153.296	-148.867	206.145	-74.749	-17.471	668.002
392827.6	5406179.8	4061	3928	-0.019	3578.715	980153.138	-148.931	206.229	-74.780	-17.481	668.274
392925.6	5406170.9	4061	3929	-0.019	3579.384	980153.807	-148.270	205.270	-74.432	-17.432	665.165
393026.9	5406171.1	4061	3930	-0.020	3578.936	980153.359	-148.719	206.073	-74.723	-17.369	667.768
393127.7	5406169.3	4061	3931	-0.021	3577.391	980151.814	-150.267	208.548	-75.621	-17.339	675.789
393223.1	5406223.7	4061	3932	-0.022	3576.474	980150.897	-151.141	209.637	-76.015	-17.519	679.315
393535.5	5405945.7	4061	3935	-0.061	3571.222	980145.645	-156.622	217.021	-78.693	-18.294	703.243
393643.2	5406119.8	4061	3936	-0.060	3570.225	980144.648	-157.479	218.631	-79.277	-18.124	708.462
393723.4	5406100.0	4061	3937	-0.060	3569.883	980144.306	-157.838	218.579	-79.258	-18.517	708.293
393829.3	5406119.2	4061	3938	-0.059	3569.758	980144.181	-157.949	218.930	-79.385	-18.404	709.429
393929.8	5406140.1	4061	3939	-0.059	3569.883	980144.306	-157.808	218.787	-79.333	-18.354	708.965
391829.4	5406656.1	4066	3918	-0.038	3577.117	980151.540	-150.132	207.842	-75.364	-17.654	673.499
392033.8	5406670.3	4066	3920	-0.035	3576.582	980151.005	-150.657	208.778	-75.704	-17.583	676.533
392120.7	5406662.0	4066	3921	-0.034	3576.287	980150.710	-150.960	209.247	-75.874	-17.587	678.052
392243.2	5406668.6	4066	3922	-0.032	3577.389	980151.812	-149.855	207.315	-75.173	-17.713	671.792
392319.0	5406657.0	4066	3923	-0.031	3577.813	980152.236	-149.441	206.652	-74.933	-17.722	669.645
392431.5	5406636.0	4066	3924	-0.030	3578.283	980152.706	-148.989	205.983	-74.690	-17.696	667.477
392534.2	5406671.3	4066	3925	-0.029	3578.078	980152.501	-149.167	206.466	-74.865	-17.567	669.040
392636.9	5406665.5	4066	3926	-0.028	3577.260	980151.683	-149.991	207.890	-75.382	-17.482	673.656
392810.3	5406636.3	4066	3928	-0.026	3578.687	980153.110	-148.589	205.997	-74.695	-17.288	667.521
393023.5	5406680.6	4066	3930	-0.046	3578.231	980152.654	-149.012	206.332	-74.817	-17.497	668.605
393125.2	5406678.8	4066	3931	-0.047	3577.684	980152.107	-149.562	207.847	-75.366	-17.081	673.515
393229.4	5406673.9	4066	3932	-0.048	3576.205	980150.628	-151.046	209.665	-76.025	-17.407	679.407
393331.7	5406672.3	4066	3933	-0.048	3575.577	980150.000	-151.677	210.685	-76.395	-17.387	682.712
393425.6	5406671.5	4066	3934	-0.049	3575.858	980150.281	-151.397	210.200	-76.220	-17.416	681.142
393526.2	5406676.2	4066	3935	-0.049	3575.178	980149.601	-152.075	211.031	-76.521	-17.565	683.832
393617.0	5406789.3	4066	3936	-0.050	3575.640	980150.063	-151.522	210.305	-76.258	-17.475	681.481
393227.5	5407001.0	4071	3932	-0.055	3577.073	980151.496	-149.914	207.342	-75.183	-17.755	671.878
393334.9	5406983.4	4071	3933	-0.056	3576.639	980151.062	-150.363	207.949	-75.403	-17.817	673.846
395435.2	5408665.9	4086	3954	-0.068	3571.476	980145.899	-154.191	208.638	-75.653	-21.206	676.080
395528.6	5408678.5	4086	3955	-0.068	3571.355	980145.778	-154.303	208.625	-75.648	-21.326	676.037
395623.1	5408713.5	4086	3956	-0.064	3571.464	980145.887	-154.167	208.918	-75.755	-21.003	676.987
395728.5	5408769.3	4086	3957	-0.065	3571.510	980145.933	-154.076	208.887	-75.743	-20.933	676.886
395821.2	5408810.8	4086	3958	-0.066	3571.391	980145.814	-154.163	208.619	-75.646	-21.190	676.018
395924.6	5408889.0	4086	3959	-0.066	3571.803	980146.226	-153.689	207.797	-75.348	-21.240	673.354

D61

395570.1	5403530.8	0	301	+0.000	3567.772	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3567.772	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.107	3567.772	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3567.879	980141.960	-162.283	222.590	-80.712	-20.405	721.291
394727.0	5407009.3	4071	3947	-0.105	3569.288	980143.476	-157.945	218.217	-79.126	-18.854	707.119
394139.7	5408165.3	4081	3941	-0.005	3572.977	980147.165	-153.314	210.785	-76.432	-18.961	683.037
392433.7	5408628.0	4086	3924	-0.084	3572.666	980146.854	-153.231	212.091	-76.905	-18.045	687.268
392530.7	5408645.2	4086	3925	-0.083	3572.412	980146.600	-153.472	212.108	-76.911	-18.275	687.325
392628.4	5408630.5	4086	3926	-0.082	3571.903	980146.091	-153.994	212.222	-76.953	-18.724	687.694
392729.2	5408661.2	4086	3927	-0.080	3571.628	980145.816	-154.245	212.204	-76.946	-18.988	687.634
392829.9	5408667.7	4086	3928	-0.079	3571.288	980145.476	-154.581	212.637	-77.103	-19.048	689.036
392939.1	5408674.2	4086	3929	-0.078	3570.754	980144.942	-155.112	212.657	-77.110	-19.565	689.102
393034.6	5408659.2	4086	3930	-0.076	3570.672	980144.860	-155.207	212.715	-77.131	-19.623	689.289
393137.1	5408659.7	4086	3931	-0.074	3570.587	980144.775	-155.293	213.199	-77.307	-19.401	690.858
393234.2	5408665.8	4086	3932	-0.072	3570.598	980144.786	-155.278	213.048	-77.252	-19.482	690.369
393341.3	5408666.5	4086	3933	-0.052	3570.840	980145.028	-155.036	211.847	-76.817	-20.006	686.478
393421.7	5408667.8	4086	3934	-0.054	3571.956	980146.144	-153.920	210.216	-76.225	-19.929	681.194
393524.8	5408665.9	4086	3935	-0.056	3572.742	980146.930	-153.137	209.106	-75.823	-19.854	677.597
393622.6	5408666.8	4086	3936	-0.058	3573.394	980147.582	-152.486	208.314	-75.536	-19.707	675.030
393726.3	5408649.1	4086	3937	-0.060	3573.626	980147.814	-152.269	207.826	-75.359	-19.802	673.447

393837.7	5408685.5	4086	3938	-0.061	3573.824	980148.012	-152.043	207.006	-75.061	-20.098	670.791
393923.7	5408656.3	4086	3939	-0.062	3573.061	980147.249	-152.831	207.747	-75.330	-20.413	673.192
394021.9	5408670.2	4086	3940	-0.063	3575.152	980149.340	-150.730	204.989	-74.330	-20.071	664.254
394153.8	5408619.2	4086	3941	-0.008	3576.099	980150.287	-149.825	204.143	-74.023	-19.706	661.513
394232.3	5408690.1	4086	3942	-0.011	3576.447	980150.635	-149.421	203.211	-73.685	-19.895	658.492
394328.6	5408709.8	4086	3943	-0.012	3576.105	980150.293	-149.748	203.536	-73.803	-20.016	659.545
394430.2	5408686.8	4086	3944	-0.013	3575.309	980149.497	-150.564	204.718	-74.232	-20.078	663.377
394530.4	5408659.1	4086	3945	-0.014	3574.387	980148.575	-151.510	206.032	-74.708	-20.186	667.635
394631.1	5408642.4	4086	3946	-0.016	3572.291	980146.479	-153.620	208.918	-75.754	-20.457	676.985
394740.3	5408626.0	4086	3947	-0.017	3568.007	980142.195	-157.919	214.995	-77.958	-20.882	696.680
394823.6	5408661.1	4086	3948	-0.018	3568.479	980142.667	-157.419	214.242	-77.685	-20.862	694.240
394930.6	5408643.6	4086	3949	-0.020	3571.409	980145.597	-154.505	210.125	-76.192	-20.572	680.897
395029.5	5408657.5	4086	3950	-0.021	3570.523	980144.711	-155.381	210.793	-76.435	-21.022	683.063
395124.3	5408677.6	4086	3951	-0.022	3568.383	980142.571	-157.505	213.460	-77.402	-21.447	691.706
395221.4	5408664.5	4086	3952	-0.024	3568.117	980142.305	-157.783	213.707	-77.491	-21.567	692.506
395326.0	5408668.7	4086	3953	-0.025	3570.817	980145.005	-155.081	210.146	-76.200	-21.135	680.967
395623.0	5408714.1	4086	3956	-0.068	3571.664	980145.852	-154.201	208.997	-75.783	-20.987	677.244
392642.7	5409164.6	4091	3926	-0.091	3571.862	980146.050	-153.604	212.578	-77.082	-18.107	688.848
392719.0	5409215.0	4091	3927	-0.093	3572.229	980146.417	-153.196	211.780	-76.792	-18.209	686.261
392830.9	5409159.6	4091	3928	-0.096	3570.982	980145.170	-154.490	213.275	-77.334	-18.549	691.104
392927.9	5409151.9	4091	3929	-0.098	3571.116	980145.304	-154.363	212.625	-77.099	-18.837	688.999
393036.0	5409182.2	4091	3930	-0.099	3571.646	980145.834	-153.810	211.356	-76.639	-19.093	684.886
393129.9	5409029.0	4091	3931	-0.101	3570.203	980144.391	-155.378	213.039	-77.249	-19.588	690.340
393230.1	5408967.7	4091	3932	-0.050	3569.950	980144.138	-155.682	213.297	-77.342	-19.727	691.177
393330.6	5409039.8	4091	3933	-0.049	3569.950	980144.138	-155.624	212.682	-77.120	-20.062	689.185
393435.8	5409106.2	4091	3934	-0.049	3572.160	980146.348	-153.362	208.631	-75.650	-20.382	676.056
393539.8	5409167.1	4091	3935	-0.048	3573.626	980147.814	-151.848	206.294	-74.803	-20.357	668.483
393635.8	5409116.1	4091	3936	-0.046	3574.571	980148.759	-150.946	204.957	-74.318	-20.307	664.151
393729.3	5409137.8	4091	3937	-0.045	3574.925	980149.113	-150.575	204.377	-74.108	-20.306	662.270
393825.2	5409198.5	4091	3938	-0.044	3575.250	980149.438	-150.202	204.342	-74.095	-19.956	662.157
393932.0	5409115.3	4091	3939	-0.042	3574.144	980148.332	-151.377	205.653	-74.571	-20.294	666.407
394033.5	5409175.4	4091	3940	-0.041	3574.795	980148.983	-150.678	204.499	-74.152	-20.331	662.668
394135.8	5409169.1	4091	3941	-0.039	3575.705	980149.893	-149.775	202.951	-73.591	-20.414	657.652
394235.7	5409165.5	4091	3942	-0.037	3576.496	980150.684	-148.988	201.505	-73.066	-20.549	652.964
394334.4	5409052.7	4091	3943	-0.035	3576.055	980150.243	-149.521	202.587	-73.459	-20.393	656.472
394432.2	5409097.3	4091	3944	-0.034	3575.657	980149.845	-149.884	202.944	-73.588	-20.528	657.629
394530.5	5409175.4	4091	3945	-0.033	3575.576	980149.764	-149.903	202.838	-73.550	-20.615	657.284
394624.2	5409184.3	4091	3946	-0.032	3575.548	980149.736	-149.925	203.027	-73.618	-20.517	657.896
394732.0	5409223.1	4091	3947	-0.030	3576.087	980150.275	-149.356	202.063	-73.269	-20.562	654.774
394833.4	5409187.0	4091	3948	-0.029	3575.256	980149.444	-150.217	202.989	-73.605	-20.833	657.773
394924.6	5409178.6	4091	3949	-0.028	3573.690	980147.878	-151.791	204.897	-74.297	-21.191	663.958

D62

395570.1	5403530.8	0	301	+0.000	3568.056	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.056	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.054	3568.056	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.110	980141.960	-162.283	222.590	-80.712	-20.405	721.291
394432.5	5409097.7	4091	3944	-0.052	3575.934	980149.838	-149.891	202.939	-73.587	-20.538	657.612
394924.6	5409178.6	4091	3949	-0.005	3573.987	980147.891	-151.778	204.897	-74.297	-21.178	663.958
395029.7	5409161.5	4091	3950	-0.005	3573.089	980146.993	-152.691	206.407	-74.844	-21.128	668.850
395135.3	5409154.7	4091	3951	-0.006	3572.642	980146.546	-153.145	206.892	-75.020	-21.273	670.422
395228.9	5409161.0	4091	3952	-0.007	3572.383	980146.287	-153.400	207.194	-75.129	-21.336	671.399
395327.9	5409157.6	4091	3953	-0.008	3572.210	980146.114	-153.577	207.399	-75.204	-21.382	672.064
395426.4	5409162.5	4091	3954	-0.008	3571.667	980145.571	-154.117	208.283	-75.524	-21.358	674.930
395524.0	5409218.8	4091	3955	-0.009	3570.408	980144.312	-155.332	209.779	-76.067	-21.619	679.778
395623.3	5409174.3	4091	3956	-0.011	3571.010	980144.914	-154.767	209.309	-75.896	-21.355	678.252
395722.5	5409179.2	4091	3957	-0.011	3570.966	980144.870	-154.808	209.541	-75.980	-21.248	679.004
395823.3	5409169.5	4091	3958	-0.012	3569.473	980143.377	-156.310	211.605	-76.729	-21.434	685.694
395926.2	5409175.2	4091	3959	-0.013	3566.921	980140.825	-158.859	214.991	-77.956	-21.825	696.664
396041.2	5409180.9	4091	3960	-0.014	3568.550	980142.454	-157.226	212.729	-77.137	-21.633	689.337
396117.9	5409175.0	4091	3961	-0.015	3570.357	980144.261	-155.425	210.298	-76.255	-21.382	681.457
396239.4	5409172.5	4091	3962	-0.016	3573.817	980147.721	-151.968	205.200	-74.406	-21.175	664.938
396329.8	5409174.3	4091	3963	-0.017	3574.911	980148.815	-150.874	204.114	-74.012	-20.773	661.418
396423.2	5409172.2	4091	3964	-0.017	3574.792	980148.696	-150.996	204.453	-74.135	-20.679	662.517
396523.6	5409138.8	4091	3965	-0.018	3574.888	980148.792	-150.928	204.359	-74.102	-20.670	662.214
396626.9	5409179.9	4091	3966	-0.018	3574.464	980148.368	-151.320	205.083	-74.364	-20.601	664.560
396725.6	5409226.2	4091	3967	-0.019	3574.717	980148.621	-151.031	204.352	-74.099	-20.778	662.190
396826.6	5409277.8	4091	3968	-0.019	3575.680	980149.584	-150.027	202.592	-73.461	-20.896	656.488
396941.4	5409369.1	4091	3969	-0.020	3577.011	980150.915	-148.624	200.363	-72.652	-20.913	649.264

397026.0	5409383.3	4091	3970	-0.021	3577.111	980151.015	-148.513	199.924	-72.493	-21.083	647.842
397123.6	5409402.5	4091	3971	-0.022	3577.626	980151.530	-147.984	198.865	-72.109	-21.228	644.409
394546.2	5409686.1	4096	3945	-0.049	3577.806	980151.710	-147.545	199.364	-72.290	-20.471	646.027
394635.8	5409698.1	4096	3946	-0.048	3576.646	980150.550	-148.696	200.993	-72.881	-20.583	651.307
394727.8	5409710.3	4096	3947	-0.047	3575.618	980149.522	-149.715	202.676	-73.491	-20.530	656.760
394834.2	5409699.0	4096	3948	-0.047	3573.890	980147.794	-151.453	204.709	-74.228	-20.973	663.348
394932.3	5409694.4	4096	3949	-0.045	3570.071	980143.975	-155.277	209.855	-76.094	-21.516	680.023
395034.0	5409675.1	4096	3950	-0.045	3568.847	980142.751	-156.518	212.403	-77.018	-21.133	688.278
395126.7	5409669.6	4096	3951	-0.044	3568.822	980142.726	-156.548	212.506	-77.055	-21.098	688.612
395229.2	5409681.9	4096	3952	-0.043	3568.377	980142.281	-156.985	213.288	-77.339	-21.036	691.147
395330.4	5409667.1	4096	3953	-0.042	3568.105	980142.009	-157.270	213.412	-77.384	-21.242	691.548
395431.6	5409720.2	4096	3954	-0.042	3567.828	980141.732	-157.505	213.779	-77.517	-21.243	692.739
395526.5	5409660.5	4096	3955	-0.041	3567.575	980141.479	-157.808	213.915	-77.567	-21.459	693.180
395631.3	5409648.0	4096	3956	-0.038	3566.680	980140.584	-158.714	214.392	-77.740	-22.061	694.725
395726.9	5409669.4	4096	3957	-0.037	3570.026	980143.930	-155.352	209.233	-75.869	-21.987	678.008
395828.6	5409667.9	4096	3958	-0.036	3572.367	980146.271	-153.013	205.972	-74.686	-21.727	667.441
395933.1	5409672.4	4096	3959	-0.036	3573.509	980147.413	-151.869	204.500	-74.153	-21.521	662.670
396032.7	5409685.8	4096	3960	-0.035	3574.014	980147.918	-151.354	204.091	-74.004	-21.267	661.345
396130.2	5409668.9	4096	3961	-0.035	3574.247	980148.151	-151.136	203.891	-73.932	-21.176	660.698
396233.2	5409670.9	4096	3962	-0.034	3574.290	980148.194	-151.092	203.949	-73.953	-21.096	660.884
396332.0	5409669.8	4096	3963	-0.033	3574.843	980148.747	-150.541	203.086	-73.640	-21.096	658.087
396423.0	5409808.4	4096	3964	-0.031	3575.448	980149.352	-149.826	202.155	-73.302	-20.973	655.070
396529.0	5409789.0	4096	3965	-0.031	3575.313	980149.217	-149.977	201.966	-73.234	-21.245	654.460
396626.3	5409810.6	4096	3966	-0.030	3575.006	980148.910	-150.268	202.283	-73.349	-21.334	655.487
396726.9	5409837.1	4096	3967	-0.029	3575.182	980149.086	-150.072	202.052	-73.265	-21.285	654.738
396819.4	5409862.4	4096	3968	-0.029	3576.140	980150.044	-149.094	200.240	-72.608	-21.462	648.866
396924.4	5409671.3	4096	3969	-0.024	3575.884	980149.788	-149.506	201.489	-73.061	-21.078	652.913
397024.4	5409916.4	4096	3970	-0.026	3577.197	980151.101	-147.996	198.166	-71.856	-21.686	642.146
397123.1	5409945.0	4096	3971	-0.027	3578.212	980152.116	-146.959	196.315	-71.185	-21.829	636.148

D63

395570.1	5403530.8	0	301	+0.000	3568.282	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.282	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.073	3568.282	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.355	980141.960	-162.283	222.590	-80.712	-20.405	721.291
393130.2	5409028.8	4091	3931	-0.006	3570.705	980144.383	-155.386	213.056	-77.255	-19.585	690.394
393230.3	5408967.5	4091	3932	-0.040	3570.456	980144.134	-155.686	213.289	-77.340	-19.736	691.151
396524.4	5409138.6	4091	3965	-0.071	3575.104	980148.782	-150.938	204.359	-74.102	-20.681	662.214
393271.5	5409764.9	4096	3932	-0.009	3574.396	980148.074	-151.101	206.439	-74.856	-19.518	668.952
393338.5	5409741.2	4096	3933	-0.011	3574.267	980147.945	-151.251	206.386	-74.836	-19.701	668.781
393424.6	5409698.2	4096	3934	-0.011	3573.638	980147.316	-151.915	206.743	-74.966	-20.138	669.938
393526.6	5409648.4	4096	3935	-0.012	3574.170	980147.848	-151.425	206.241	-74.784	-19.968	668.312
393624.4	5409639.1	4096	3936	-0.013	3574.650	980148.328	-150.954	204.743	-74.241	-20.451	663.458
393733.4	5409649.8	4096	3937	-0.015	3576.384	980150.062	-149.212	203.379	-73.746	-19.579	659.039
393836.0	5409643.6	4096	3938	-0.016	3577.272	980150.950	-148.330	202.277	-73.346	-19.400	655.466
393933.3	5409659.8	4096	3939	-0.017	3577.317	980150.995	-148.273	201.637	-73.114	-19.751	653.392
394031.5	5409663.5	4096	3940	-0.018	3575.673	980149.351	-149.916	203.417	-73.760	-20.258	659.161
394120.8	5409682.0	4096	3941	-0.019	3576.248	980149.926	-149.327	202.137	-73.296	-20.486	655.012
394229.3	5409673.4	4096	3942	-0.021	3577.341	980151.019	-148.242	199.990	-72.517	-20.769	648.056
394324.6	5409671.1	4096	3943	-0.021	3577.571	980151.249	-148.015	199.347	-72.284	-20.952	645.973
393230.4	5410173.6	4101	3932	-0.031	3575.326	980149.004	-149.841	205.086	-74.365	-19.120	664.570
393325.8	5410176.4	4101	3933	-0.031	3575.207	980148.885	-149.959	204.636	-74.202	-19.525	663.110
393430.0	5410184.7	4101	3934	-0.030	3575.474	980149.152	-149.686	204.311	-74.084	-19.459	662.059
393531.4	5410174.1	4101	3935	-0.030	3575.158	980148.836	-150.012	204.489	-74.149	-19.671	662.634
393624.7	5410187.5	4101	3936	-0.029	3576.331	980150.009	-148.829	202.769	-73.525	-19.585	657.062
393733.2	5410160.2	4101	3937	-0.027	3576.561	980150.239	-148.622	202.129	-73.293	-19.786	654.986
393831.7	5410168.5	4101	3938	-0.026	3576.932	980150.610	-148.246	201.412	-73.033	-19.867	652.665
393940.1	5410170.3	4101	3939	-0.025	3578.536	980152.214	-146.642	199.203	-72.232	-19.671	645.504
394018.6	5410141.4	4101	3940	-0.024	3578.714	980152.392	-146.488	198.646	-72.030	-19.872	643.699
394141.0	5410167.3	4101	3941	-0.044	3577.843	980151.521	-147.340	199.551	-72.358	-20.147	646.632
394231.5	5410184.8	4101	3942	-0.045	3577.094	980150.772	-148.076	200.767	-72.799	-20.107	650.575
394333.5	5410173.5	4101	3943	-0.047	3577.329	980151.007	-147.851	200.146	-72.574	-20.279	648.560
394440.9	5410163.8	4101	3944	-0.048	3577.488	980151.166	-147.701	199.790	-72.445	-20.356	647.408
394525.9	5410165.8	4101	3945	-0.049	3577.147	980150.825	-148.041	199.952	-72.503	-20.593	647.931
394626.4	5410163.4	4101	3946	-0.050	3576.496	980150.174	-148.696	200.874	-72.838	-20.659	650.921
394725.4	5410166.3	4101	3947	-0.050	3575.687	980149.365	-149.503	202.290	-73.351	-20.565	655.509
394822.2	5410164.8	4101	3948	-0.051	3575.498	980149.176	-149.695	202.643	-73.479	-20.531	656.652
394926.9	5410172.8	4101	3949	-0.052	3575.204	980148.882	-149.984	202.960	-73.594	-20.618	657.680
393634.2	5410634.4	4106	3936	-0.036	3577.508	980151.186	-147.291	200.528	-72.712	-19.476	649.799

393727.5	5410658.5	4106	3937	-0.037	3578.680	980152.358	-146.101	198.766	-72.073	-19.408	644.090
393943.7	5410666.5	4106	3939	-0.064	3576.324	980150.002	-148.453	201.859	-73.195	-19.789	654.111
394039.4	5410648.7	4106	3940	-0.063	3572.993	980146.671	-151.799	206.758	-74.971	-20.013	669.986
394127.8	5410740.2	4106	3941	-0.063	3572.009	980145.687	-152.710	208.026	-75.431	-20.116	674.095
394229.5	5410772.6	4106	3942	-0.061	3571.597	980145.275	-153.097	208.200	-75.494	-20.392	674.659
394336.7	5410744.4	4106	3943	-0.061	3574.045	980147.723	-150.673	204.755	-74.245	-20.164	663.496
394432.3	5410605.9	4106	3944	-0.060	3575.004	980148.682	-149.827	203.462	-73.776	-20.142	659.306
394529.9	5410584.4	4106	3945	-0.059	3574.815	980148.493	-150.035	203.845	-73.915	-20.105	660.547
394633.5	5410535.9	4106	3946	-0.058	3574.982	980148.660	-149.908	203.212	-73.686	-20.382	658.497
394731.8	5410494.3	4106	3947	-0.056	3574.872	980148.550	-150.053	203.419	-73.761	-20.395	659.167
394829.7	5410451.2	4106	3948	-0.055	3574.114	980147.792	-150.847	204.651	-74.207	-20.403	663.160
394929.3	5410437.7	4106	3949	-0.054	3573.988	980147.666	-150.986	204.951	-74.316	-20.350	664.133
395026.2	5410411.3	4106	3950	-0.053	3573.281	980146.959	-151.715	205.843	-74.639	-20.511	667.021
D64											
395570.1	5403530.8	0	301	+0.000	3568.517	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.517	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.060	3568.517	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.577	980141.960	-162.283	222.590	-80.712	-20.405	721.291
396234.3	5405173.2	4051	3962	-0.045	3572.814	980146.257	-156.666	210.519	-76.335	-22.482	682.174
396332.9	5405171.8	4051	3963	-0.045	3573.346	980146.789	-156.136	209.653	-76.021	-22.504	679.368
396433.0	5405176.8	4051	3964	-0.044	3574.039	980147.482	-155.440	208.494	-75.601	-22.547	675.611
396530.3	5405169.1	4051	3965	-0.043	3574.215	980147.658	-155.272	208.621	-75.647	-22.298	676.024
396627.4	5405161.8	4051	3966	-0.056	3573.460	980146.903	-156.034	209.718	-76.045	-22.360	679.578
396726.4	5405168.2	4051	3967	-0.055	3572.647	980146.090	-156.842	210.634	-76.377	-22.585	682.547
396829.2	5405171.0	4051	3968	-0.055	3571.246	980144.689	-158.242	212.232	-76.956	-22.967	687.724
396932.6	5405173.9	4051	3969	-0.054	3571.815	980145.258	-157.672	211.414	-76.660	-22.918	685.076
397027.9	5405185.5	4051	3970	-0.053	3572.542	980145.985	-156.937	210.233	-76.231	-22.936	681.246
397126.2	5405175.9	4051	3971	-0.053	3572.874	980146.317	-156.614	209.520	-75.973	-23.067	678.936
396229.6	5405665.7	4056	3962	-0.046	3574.868	980148.311	-154.214	207.737	-75.327	-21.803	673.161
396325.8	5405666.7	4056	3963	-0.047	3574.391	980147.834	-154.691	208.210	-75.498	-21.978	674.693
396421.1	5405664.8	4056	3964	-0.047	3573.716	980147.159	-155.369	209.127	-75.831	-22.072	677.665
396524.9	5405777.8	4056	3965	-0.048	3574.571	980148.014	-154.424	207.812	-75.353	-21.965	673.402
396627.3	5405372.6	4056	3966	-0.049	3573.055	980146.498	-156.268	209.757	-76.059	-22.570	679.704
396724.2	5405390.8	4056	3967	-0.050	3572.086	980145.529	-157.224	210.676	-76.392	-22.940	682.682
396826.6	5405425.3	4056	3968	-0.050	3571.264	980144.707	-158.019	211.606	-76.729	-23.142	685.696
396929.3	5405446.6	4056	3969	-0.051	3571.259	980144.702	-158.008	211.391	-76.651	-23.268	684.999
397015.3	5405378.9	4056	3970	-0.051	3571.482	980144.925	-157.841	211.282	-76.612	-23.171	684.646
396427.0	5408666.8	4086	3964	-0.032	3579.912	980153.355	-146.745	196.413	-71.220	-21.552	636.466
396528.3	5408667.6	4086	3965	-0.034	3579.956	980153.399	-146.702	196.146	-71.124	-21.679	635.601
396625.2	5408675.2	4086	3966	-0.034	3580.063	980153.506	-146.590	195.961	-71.056	-21.685	635.001
396724.6	5408690.9	4086	3967	-0.035	3580.203	980153.646	-146.438	195.822	-71.006	-21.622	634.549
396824.0	5408665.3	4086	3968	-0.036	3580.234	980153.677	-146.429	195.634	-70.938	-21.733	633.939
396920.7	5408664.0	4086	3969	-0.036	3580.240	980153.683	-146.425	195.571	-70.915	-21.769	633.737
396826.7	5409277.8	4091	3968	-0.058	3576.128	980149.571	-150.040	202.647	-73.481	-20.874	656.666
394633.8	5410536.0	4106	3946	-0.029	3575.225	980148.668	-149.900	203.229	-73.692	-20.363	658.552
395026.2	5410411.3	4106	3950	-0.003	3573.515	980146.958	-151.716	205.843	-74.639	-20.512	667.021
395129.1	5410364.2	4106	3951	-0.004	3572.606	980146.049	-152.664	206.991	-75.056	-20.729	670.742
395232.4	5410317.0	4106	3952	-0.005	3572.299	980145.742	-153.011	207.126	-75.105	-20.989	671.180
395330.8	5410272.7	4106	3953	-0.005	3573.531	980146.974	-151.816	205.400	-74.479	-20.895	665.586
395430.5	5410226.7	4106	3954	-0.006	3573.328	980146.771	-152.057	205.452	-74.498	-21.103	665.754
395532.4	5410176.8	4106	3955	-0.006	3573.274	980146.717	-152.152	205.430	-74.490	-21.212	665.684
395629.0	5410130.6	4106	3956	-0.007	3573.949	980147.392	-151.516	204.612	-74.193	-21.097	663.034
395729.0	5410082.3	4106	3957	-0.007	3573.876	980147.319	-151.629	204.843	-74.277	-21.063	663.781
395829.8	5410035.0	4106	3958	-0.008	3573.708	980147.151	-151.836	205.028	-74.344	-21.153	664.380
395927.0	5410024.9	4106	3959	-0.008	3574.242	980147.685	-151.312	204.469	-74.141	-20.984	662.571
396031.2	5410029.2	4106	3960	-0.009	3574.153	980147.596	-151.398	203.667	-73.850	-21.582	659.970
396130.2	5410005.7	4106	3961	-0.009	3574.436	980147.879	-151.136	203.323	-73.726	-21.538	658.856
396225.3	5409964.2	4106	3962	-0.010	3574.881	980148.324	-150.725	202.931	-73.584	-21.378	657.585
396328.6	5409891.2	4106	3963	-0.011	3575.386	980148.829	-150.280	202.289	-73.351	-21.342	655.506
394522.7	5411020.2	4111	3945	-0.028	3571.370	980144.813	-153.363	209.540	-75.980	-19.803	679.002
395119.3	5411171.3	4111	3951	-0.027	3577.940	980151.383	-146.678	199.882	-72.478	-19.274	647.705
395449.8	5411402.1	4111	3954	-0.026	3578.416	980151.859	-146.019	199.105	-72.196	-19.110	645.188
395529.7	5411286.4	4111	3955	-0.026	3578.034	980151.477	-146.495	199.323	-72.275	-19.448	645.894
395612.4	5411192.1	4111	3956	-0.025	3578.167	980151.610	-146.440	198.870	-72.111	-19.681	644.425
395726.2	5411209.5	4111	3957	-0.024	3577.848	980151.291	-146.746	199.066	-72.182	-19.862	645.062
395869.8	5411249.7	4111	3958	-0.023	3578.061	980151.504	-146.502	198.652	-72.032	-19.882	643.719
396031.5	5411268.6	4111	3960	-0.020	3578.011	980151.454	-146.539	198.896	-72.121	-19.763	644.511
396125.5	5411296.3	4111	3961	-0.019	3578.006	980151.449	-146.522	198.964	-72.145	-19.703	644.732

396210.4	5411308.0	4111	3962	-0.018	3578.029	980151.472	-146.491	198.937	-72.136	-19.689	644.645
396332.4	5411331.1	4111	3963	-0.017	3577.924	980151.367	-146.578	199.559	-72.361	-19.381	646.658
396433.6	5411201.6	4111	3964	-0.016	3575.937	980149.380	-148.671	202.397	-73.390	-19.665	655.854
396530.8	5411150.8	4111	3965	-0.015	3576.243	980149.686	-148.408	201.822	-73.182	-19.767	653.993
396630.3	5411115.0	4111	3966	-0.015	3576.076	980149.519	-148.605	201.997	-73.245	-19.852	654.560
396730.1	5411077.7	4111	3967	-0.014	3576.045	980149.488	-148.667	201.678	-73.129	-20.118	653.526
396826.6	5411042.5	4111	3968	-0.013	3576.250	980149.693	-148.491	201.495	-73.063	-20.060	652.932
396933.4	5411005.5	4111	3969	-0.013	3576.355	980149.798	-148.418	201.449	-73.046	-20.015	652.784
397029.9	5410972.1	4111	3970	-0.012	3576.486	980149.929	-148.315	200.998	-72.883	-20.200	651.321
397132.9	5410938.1	4111	3971	-0.012	3576.253	980149.696	-148.576	201.251	-72.974	-20.300	652.141

D65

395570.1	5403530.8	0	301	+0.000	3568.727	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.727	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.069	3568.727	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.796	980141.960	-162.283	222.590	-80.712	-20.405	721.291
396352.5	5402891.0	4031	3964	-0.013	3568.098	980141.331	-163.439	222.687	-80.747	-21.499	721.604
396402.2	5402975.3	4031	3965	-0.014	3568.570	980141.803	-162.899	221.870	-80.451	-21.480	718.956
396452.5	5403068.7	4031	3966	-0.015	3568.724	980141.957	-162.670	221.688	-80.385	-21.367	718.366
396516.9	5403140.2	4031	3967	-0.015	3568.808	980142.041	-162.529	221.549	-80.335	-21.315	717.917
396597.0	5403213.1	4031	3968	-0.016	3568.042	980141.275	-163.237	222.544	-80.695	-21.389	721.140
396667.4	5403288.6	4031	3969	-0.016	3567.701	980140.934	-163.518	223.045	-80.877	-21.350	722.763
396739.8	5403353.3	4031	3970	-0.017	3567.457	980140.690	-163.710	223.085	-80.892	-21.517	722.893
396834.8	5403407.6	4031	3971	-0.018	3567.414	980140.647	-163.710	222.658	-80.737	-21.789	721.509
396959.6	5403409.3	4031	3972	-0.019	3571.436	980144.669	-159.688	216.777	-78.604	-21.516	702.453
397086.9	5403428.4	4031	3973	-0.019	3572.690	980145.923	-158.421	214.973	-77.950	-21.398	696.607
396439.4	5403579.0	4036	3964	-0.029	3568.470	980141.703	-162.511	222.106	-80.537	-20.942	719.721
396537.2	5403652.0	4036	3965	-0.029	3568.203	980141.436	-162.720	222.424	-80.652	-20.948	720.751
396626.4	5403664.6	4036	3966	-0.028	3569.626	980142.859	-161.288	219.552	-79.610	-21.347	711.445
396729.8	5403667.4	4036	3967	-0.027	3570.936	980144.169	-159.977	217.438	-78.844	-21.383	704.596
396832.1	5403672.9	4036	3968	-0.027	3571.923	980145.156	-158.987	215.869	-78.275	-21.393	699.511
396933.6	5403667.3	4036	3969	-0.026	3572.120	980145.353	-158.796	215.211	-78.037	-21.621	697.379
397032.8	5403670.2	4036	3970	-0.026	3572.413	980145.646	-158.501	214.590	-77.811	-21.723	695.365
397106.5	5403670.6	4036	3971	-0.024	3572.768	980146.001	-158.147	214.343	-77.722	-21.526	694.566
396439.3	5404026.9	4041	3964	-0.036	3572.592	980145.825	-158.027	214.155	-77.653	-21.526	693.956
396526.3	5404111.3	4041	3965	-0.036	3572.472	980145.705	-158.080	213.851	-77.543	-21.772	692.971
396626.5	5404168.3	4041	3966	-0.037	3572.313	980145.546	-158.194	213.687	-77.484	-21.991	692.440
396728.1	5404173.9	4041	3967	-0.038	3572.200	980145.433	-158.304	214.058	-77.618	-21.864	693.642
396827.3	5404172.2	4041	3968	-0.038	3571.368	980144.601	-159.138	215.152	-78.015	-22.001	697.186
396929.2	5404170.2	4041	3969	-0.039	3571.484	980144.717	-159.025	215.016	-77.966	-21.975	696.746
397029.6	5404173.5	4041	3970	-0.039	3571.908	980145.141	-158.599	214.186	-77.665	-22.078	694.056
397134.8	5404174.4	4041	3971	-0.040	3572.635	980145.868	-157.873	213.545	-77.432	-21.760	691.979
397228.8	5404164.7	4041	3972	-0.040	3572.717	980145.950	-157.800	213.093	-77.269	-21.975	690.516
397328.9	5404171.7	4041	3973	-0.041	3572.886	980146.119	-157.626	212.397	-77.016	-22.245	688.260
397428.2	5404178.6	4041	3974	-0.042	3573.248	980146.481	-157.260	211.547	-76.708	-22.421	685.506
397527.0	5404165.4	4041	3975	-0.042	3573.995	980147.228	-156.525	210.809	-76.440	-22.156	683.114
396744.6	5404755.6	4046	3967	-0.045	3572.672	980145.905	-157.361	211.624	-76.736	-22.473	685.755
396829.5	5404741.5	4046	3968	-0.046	3572.111	980145.344	-157.935	212.200	-76.944	-22.680	687.620
396925.8	5404708.2	4046	3969	-0.047	3571.853	980145.086	-158.221	212.547	-77.070	-22.744	688.746
397032.7	5404754.2	4046	3970	-0.048	3571.926	980145.159	-158.112	212.648	-77.107	-22.571	689.073
397124.7	5404733.2	4046	3971	-0.049	3572.319	980145.552	-157.737	212.269	-76.970	-22.438	687.845
397220.8	5404704.9	4046	3972	-0.049	3571.849	980145.082	-158.231	212.973	-77.225	-22.483	690.127
397322.4	5404845.3	4046	3973	-0.050	3573.207	980146.440	-156.761	210.463	-76.315	-22.612	681.993
396627.5	5405372.2	4056	3966	-0.005	3573.258	980146.491	-156.275	209.764	-76.061	-22.572	679.729
396724.0	5405391.2	4056	3967	-0.033	3572.294	980145.527	-157.225	210.656	-76.385	-22.954	682.618
396721.9	5406126.6	4061	3967	-0.052	3574.701	980147.934	-154.224	206.992	-75.056	-22.288	670.745
396830.9	5406278.3	4061	3968	-0.053	3574.857	980148.090	-153.946	206.327	-74.815	-22.434	668.589
396930.6	5406340.8	4061	3969	-0.054	3575.110	980148.343	-153.644	205.834	-74.636	-22.446	666.993
397023.7	5406377.7	4061	3970	-0.055	3576.121	980149.354	-152.604	203.811	-73.903	-22.696	660.438
397123.0	5406394.8	4061	3971	-0.055	3576.160	980149.393	-152.552	203.737	-73.876	-22.691	660.197
397234.0	5406215.3	4061	3972	-0.056	3576.047	980149.280	-152.812	203.886	-73.930	-22.856	660.681
397332.1	5406084.2	4061	3973	-0.057	3573.780	980147.013	-155.186	206.753	-74.969	-23.403	669.970
397429.4	5406108.8	4061	3974	-0.058	3574.866	980148.099	-154.081	205.374	-74.469	-23.177	665.501
397535.2	5406154.2	4061	3975	-0.058	3574.802	980148.035	-154.110	205.276	-74.434	-23.268	665.184
397615.0	5406157.5	4061	3976	-0.059	3574.631	980147.864	-154.279	205.305	-74.445	-23.418	665.280
397132.1	5410937.7	4111	3971	-0.066	3576.468	980149.701	-148.572	201.235	-72.969	-20.306	652.089

D66

395570.1	5403530.8	0	301	+0.000	3568.947	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3568.947	980141.960	-162.283	222.590	-80.712	-20.405	721.291

395570.1	5403530.8	0	301	-0.059	3568.947	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.006	980141.960	-162.283	222.590	-80.712	-20.405	721.291
397739.9	5403702.5	4036	3977	-0.031	3573.461	980146.474	-157.655	211.570	-76.716	-22.801	685.581
397834.2	5403664.9	4036	3978	-0.030	3572.963	980145.976	-158.185	212.323	-76.989	-22.851	688.019
397935.4	5403656.1	4036	3979	-0.029	3572.720	980145.733	-158.436	212.496	-77.052	-22.992	688.582
398030.7	5403671.0	4036	3980	-0.028	3573.058	980146.071	-158.087	211.794	-76.798	-23.091	686.307
398139.9	5403668.3	4036	3981	-0.027	3572.751	980145.764	-158.398	212.154	-76.928	-23.172	687.471
398237.7	5403662.4	4036	3982	-0.027	3573.750	980146.763	-157.405	210.476	-76.320	-23.248	682.035
398333.5	5403679.7	4036	3983	-0.026	3574.499	980147.512	-156.643	209.692	-76.035	-22.986	679.493
398428.2	5403666.4	4036	3984	-0.025	3575.200	980148.213	-155.954	208.746	-75.692	-22.900	676.428
398538.3	5403661.1	4036	3985	-0.046	3575.942	980148.955	-155.217	207.823	-75.357	-22.752	673.437
398620.4	5403666.3	4036	3986	-0.046	3576.407	980149.420	-154.749	206.995	-75.057	-22.811	670.755
398693.4	5403709.0	4036	3987	-0.045	3576.865	980149.878	-154.257	205.659	-74.573	-23.171	666.426
397820.1	5404116.4	4041	3978	-0.032	3573.705	980146.718	-157.078	209.637	-76.015	-23.456	679.316
397941.6	5404146.2	4041	3979	-0.033	3573.748	980146.761	-157.012	210.540	-76.343	-22.814	682.244
398026.5	5404136.5	4041	3980	-0.034	3572.907	980145.920	-157.862	211.653	-76.746	-22.955	685.850
398126.6	5404159.6	4041	3981	-0.035	3572.510	980145.523	-158.241	212.438	-77.031	-22.834	688.393
398224.0	5404152.2	4041	3982	-0.035	3571.528	980144.541	-159.230	213.607	-77.455	-23.078	692.180
398323.1	5404121.8	4041	3983	-0.036	3570.536	980143.549	-160.248	215.093	-77.994	-23.148	696.997
398424.4	5404085.3	4041	3984	-0.037	3572.588	980145.601	-158.227	212.505	-77.055	-22.777	688.611
398537.3	5404037.9	4041	3985	-0.038	3573.843	980146.856	-157.011	210.482	-76.322	-22.851	682.055
398637.3	5404158.1	4041	3986	-0.039	3573.818	980146.831	-156.940	209.843	-76.090	-23.187	679.984
398726.7	5404157.6	4041	3987	-0.039	3575.907	980148.920	-154.853	206.336	-74.818	-23.335	668.619
398830.5	5404151.2	4041	3988	-0.040	3576.516	980149.529	-154.250	205.059	-74.355	-23.546	664.482
398926.0	5404158.8	4041	3989	-0.041	3576.930	980149.943	-153.831	204.344	-74.096	-23.583	662.164
399026.3	5404173.7	4041	3990	-0.042	3576.798	980149.811	-153.952	203.976	-73.962	-23.939	660.971
399120.9	5404176.8	4041	3991	-0.042	3576.717	980149.730	-154.032	203.747	-73.879	-24.164	660.229
398745.8	5404675.0	4046	3987	-0.022	3574.103	980147.116	-156.238	207.841	-75.364	-23.761	673.498
398824.2	5404661.3	4046	3988	-0.023	3574.488	980147.501	-155.865	206.975	-75.050	-23.940	670.691
397631.7	5405181.4	4051	3976	-0.017	3574.799	980147.812	-155.120	207.450	-75.222	-22.893	672.229
397727.3	5405171.2	4051	3977	-0.016	3573.668	980146.681	-156.261	208.590	-75.636	-23.306	675.924
397831.3	5405171.4	4051	3978	-0.016	3573.917	980146.930	-156.013	208.798	-75.711	-22.926	676.596
397927.2	5405175.8	4051	3979	-0.015	3573.995	980147.008	-155.932	208.703	-75.677	-22.906	676.290
398028.4	5405172.1	4051	3980	-0.014	3573.479	980146.492	-156.452	209.101	-75.821	-23.173	677.578
398128.5	5405160.9	4051	3981	-0.013	3573.144	980146.157	-156.798	209.311	-75.897	-23.384	678.261
398231.9	5405160.7	4051	3982	-0.012	3573.342	980146.355	-156.601	208.918	-75.755	-23.438	676.986
397620.5	5405672.0	4056	3976	-0.006	3574.415	980147.428	-155.108	206.482	-74.871	-23.497	669.094
397728.9	5405667.4	4056	3977	-0.007	3573.928	980146.941	-155.600	207.587	-75.272	-23.284	672.674
397824.9	5405675.9	4056	3978	-0.008	3573.881	980146.894	-155.641	207.652	-75.296	-23.284	672.884
397926.1	5405670.0	4056	3979	-0.009	3573.217	980146.230	-156.311	208.671	-75.665	-23.305	676.185
398024.2	5405677.0	4056	3980	-0.009	3573.761	980146.774	-155.762	208.069	-75.447	-23.140	674.236
398134.1	5405668.9	4056	3981	-0.010	3573.810	980146.823	-155.721	207.821	-75.357	-23.257	673.432
397429.4	5406108.8	4061	3974	-0.020	3575.081	980148.094	-154.086	205.374	-74.469	-23.182	665.501
397535.0	5406154.2	4061	3975	-0.004	3575.010	980148.023	-154.122	205.243	-74.422	-23.300	665.079

D67

395570.1	5403530.8	0	301	+0.000	3569.148	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.148	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.050	3569.148	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.198	980141.960	-162.283	222.590	-80.712	-20.405	721.291
391925.8	5401044.8	4011	3919	-0.036	3575.896	980148.708	-157.502	214.816	-77.893	-20.579	696.098
392021.9	5401056.0	4011	3920	-0.037	3575.421	980148.233	-157.969	215.445	-78.121	-20.645	698.136
392126.1	5400981.3	4011	3921	-0.040	3575.866	980148.678	-157.586	214.514	-77.784	-20.855	695.121
392236.0	5400928.7	4011	3922	-0.040	3577.124	980149.936	-156.372	213.051	-77.253	-20.574	690.378
392332.4	5400885.5	4011	3923	-0.041	3576.097	980148.909	-157.435	215.037	-77.973	-20.371	696.814
392425.5	5400853.6	4011	3924	-0.041	3576.121	980148.933	-157.438	215.112	-78.001	-20.326	697.059
392531.8	5400833.6	4011	3925	-0.041	3576.487	980149.299	-157.089	214.969	-77.949	-20.069	696.595
392625.7	5400845.2	4011	3926	-0.042	3576.319	980149.131	-157.249	214.727	-77.861	-20.383	695.811
392729.5	5400858.2	4011	3927	-0.042	3576.142	980148.954	-157.417	215.342	-78.084	-20.158	697.803
392833.3	5400870.8	4011	3928	-0.043	3576.312	980149.124	-157.238	215.208	-78.035	-20.065	697.370
392928.2	5400906.2	4011	3929	-0.043	3576.221	980149.033	-157.301	215.539	-78.155	-19.918	698.442
391441.7	5401606.5	4016	3914	-0.017	3575.646	980148.458	-157.292	215.085	-77.991	-20.198	696.970
391531.1	5401674.6	4016	3915	-0.016	3578.883	980151.695	-154.001	210.242	-76.235	-19.993	681.278
391625.6	5401698.5	4016	3916	-0.015	3578.615	980151.427	-154.251	210.514	-76.333	-20.070	682.159
391724.4	5401722.2	4016	3917	-0.014	3575.400	980148.212	-157.448	214.834	-77.900	-20.513	696.157
391831.0	5401709.7	4016	3918	-0.014	3574.901	980147.713	-157.958	215.912	-78.291	-20.337	699.649
391929.4	5401671.2	4016	3919	-0.013	3574.793	980147.605	-158.099	216.044	-78.338	-20.393	700.077
392032.7	5401670.7	4016	3920	-0.013	3575.216	980148.028	-157.677	215.290	-78.065	-20.452	697.635
392131.8	5401677.0	4016	3921	-0.012	3575.396	980148.208	-157.493	215.333	-78.081	-20.241	697.774

392227.3	5401677.8	4016	3922	-0.012	3575.594	980148.406	-157.296	215.365	-78.092	-20.023	697.877
392329.9	5401668.8	4016	3923	-0.011	3575.387	980148.199	-157.511	215.517	-78.147	-20.142	698.369
392435.1	5401667.6	4016	3924	-0.011	3575.539	980148.351	-157.361	215.445	-78.121	-20.038	698.136
392525.3	5401665.8	4016	3925	-0.010	3576.137	980148.949	-156.766	215.058	-77.981	-19.689	696.883
392634.5	5401664.0	4016	3926	-0.010	3576.070	980148.882	-156.836	214.947	-77.941	-19.830	696.522
392728.9	5401665.6	4016	3927	-0.009	3576.170	980148.982	-156.736	215.159	-78.018	-19.594	697.211
392832.0	5401670.2	4016	3928	-0.008	3575.504	980148.316	-157.399	215.985	-78.317	-19.731	699.888
392899.9	5401697.1	4016	3929	-0.008	3575.396	980148.208	-157.486	215.791	-78.247	-19.942	699.259
391721.8	5402134.5	4021	3917	-0.020	3572.732	980145.544	-159.782	219.141	-79.461	-20.103	710.113
391841.0	5402129.3	4021	3918	-0.021	3574.343	980147.155	-158.177	216.623	-78.549	-20.102	701.955
391934.1	5402130.6	4021	3919	-0.022	3574.473	980147.285	-158.047	216.321	-78.439	-20.165	700.974
392029.0	5402172.5	4021	3920	-0.023	3572.629	980145.441	-159.858	218.967	-79.398	-20.290	709.550
392233.3	5402169.9	4021	3922	-0.024	3573.321	980146.133	-159.171	217.967	-79.036	-20.240	706.308
392331.7	5402165.3	4021	3923	-0.004	3573.882	980146.694	-158.615	217.018	-78.692	-20.289	703.233
392428.7	5402169.4	4021	3924	-0.004	3573.899	980146.711	-158.596	217.233	-78.770	-20.132	703.930
392532.6	5402173.0	4021	3925	-0.005	3574.280	980147.092	-158.213	216.925	-78.658	-19.946	702.931
392628.7	5402169.4	4021	3926	-0.006	3574.328	980147.140	-158.169	216.833	-78.624	-19.961	702.633
392726.8	5402164.5	4021	3927	-0.006	3573.946	980146.758	-158.556	217.129	-78.732	-20.159	703.594
392829.1	5402171.9	4021	3928	-0.007	3573.329	980146.141	-159.168	218.214	-79.125	-20.080	707.108
392928.2	5401962.9	4021	3929	-0.044	3573.902	980146.714	-158.766	217.895	-79.010	-19.880	706.076
393025.3	5401944.4	4021	3930	-0.044	3574.264	980147.076	-158.420	216.961	-78.671	-20.130	703.049
393126.6	5401923.7	4021	3931	-0.045	3575.293	980148.105	-157.409	215.584	-78.172	-19.996	698.588
393224.7	5401903.9	4021	3932	-0.045	3575.543	980148.355	-157.176	215.376	-78.096	-19.896	697.914
393326.2	5401882.1	4021	3933	-0.046	3575.288	980148.100	-157.450	215.997	-78.322	-19.774	699.927
393429.8	5401862.1	4021	3934	-0.046	3574.877	980147.689	-157.878	216.803	-78.614	-19.689	702.537
393528.1	5401854.3	4021	3935	-0.046	3574.936	980147.748	-157.827	216.725	-78.586	-19.687	702.286
393634.0	5401846.4	4021	3936	-0.047	3575.174	980147.986	-157.596	216.060	-78.344	-19.881	700.128
393731.1	5401838.7	4021	3937	-0.047	3574.405	980147.217	-158.373	217.313	-78.799	-19.858	704.190
391834.5	5402649.4	4026	3918	-0.031	3574.988	980147.800	-157.111	214.703	-77.852	-20.261	695.731
391928.8	5402674.5	4026	3919	-0.031	3575.237	980148.049	-156.843	214.077	-77.625	-20.392	693.703
392032.9	5402671.1	4026	3920	-0.030	3574.617	980147.429	-157.467	215.121	-78.004	-20.350	697.087
392131.5	5402674.1	4026	3921	-0.030	3574.234	980147.046	-157.849	216.132	-78.370	-20.087	700.363
392223.3	5402665.6	4026	3922	-0.029	3575.831	980148.643	-156.260	213.919	-77.568	-19.909	693.192
392332.0	5402644.4	4026	3923	-0.027	3576.033	980148.845	-156.077	213.451	-77.398	-20.024	691.676
392530.9	5404171.8	4041	3925	-0.049	3574.293	980147.105	-156.584	215.562	-78.164	-19.185	698.516

D68

395570.1	5403530.8	0	301	+0.000	3569.351	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.351	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.053	3569.351	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.404	980141.960	-162.283	222.590	-80.712	-20.405	721.291
401271.9	5401418.6	1000	24	-0.047	3568.793	980141.402	-164.614	212.807	-77.165	-28.972	689.589
401226.2	5401510.2	1000	25	-0.046	3568.825	980141.434	-164.508	213.027	-77.245	-28.725	690.302
401127.2	5401677.3	1000	27	-0.044	3568.791	980141.400	-164.405	212.556	-77.074	-28.923	688.774
401063.3	5401768.9	1000	28	-0.042	3569.640	980142.249	-163.482	211.992	-76.869	-28.359	686.949
401013.1	5401872.6	1000	29	-0.042	3570.864	980143.473	-162.173	210.178	-76.211	-28.207	681.068
400948.5	5401980.0	1000	30	-0.041	3571.100	980143.709	-161.850	209.644	-76.018	-28.223	679.340
400870.7	5402041.6	1000	31	-0.040	3571.579	980144.188	-161.320	209.107	-75.823	-28.036	677.598
400700.0	5402102.3	1000	33	-0.038	3571.525	980144.134	-161.323	209.480	-75.958	-27.801	678.807
400597.4	5402139.7	1000	34	-0.038	3572.359	980144.968	-160.457	208.679	-75.668	-27.446	676.212
400495.5	5402175.8	1000	35	-0.036	3573.957	980146.566	-158.829	206.585	-74.909	-27.153	669.427
392928.3	5401962.6	4021	3929	-0.002	3574.109	980146.718	-158.762	217.899	-79.011	-19.874	706.089
393024.8	5401944.6	4021	3930	-0.051	3574.463	980147.072	-158.424	216.954	-78.668	-20.138	703.025
401130.0	5401699.8	4026	4011	-0.034	3568.766	980141.375	-164.412	213.029	-77.245	-28.629	690.307
401230.3	5401768.2	4026	4012	-0.033	3567.588	980140.197	-165.536	214.271	-77.696	-28.960	694.334
401332.7	5401840.4	4026	4013	-0.033	3567.168	980139.777	-165.899	214.878	-77.916	-28.937	696.298
401425.7	5401905.3	4026	4014	-0.032	3567.590	980140.199	-165.425	214.379	-77.735	-28.781	694.684
401527.9	5401974.5	4026	4015	-0.031	3566.971	980139.580	-165.989	214.683	-77.845	-29.151	695.667
401629.4	5402047.4	4026	4016	-0.029	3566.661	980139.270	-166.241	215.390	-78.102	-28.952	697.960
401725.9	5402114.2	4026	4017	-0.029	3566.064	980138.673	-166.786	215.968	-78.311	-29.128	699.833
401831.1	5402159.6	4026	4018	-0.028	3566.053	980138.662	-166.761	215.468	-78.130	-29.423	698.211
401916.7	5402192.2	4026	4019	-0.027	3566.859	980139.468	-165.930	214.291	-77.703	-29.341	694.398
402027.9	5402235.4	4026	4020	-0.025	3565.457	980138.066	-167.298	215.759	-78.235	-29.774	699.154
402121.2	5402271.6	4026	4021	-0.025	3564.515	980137.124	-168.212	216.557	-78.524	-30.179	701.739
402225.6	5402309.1	4026	4022	-0.024	3564.047	980136.656	-168.651	216.792	-78.610	-30.468	702.501
402325.2	5402346.3	4026	4023	-0.018	3563.308	980135.917	-169.360	218.443	-79.208	-30.126	707.852
402420.9	5402383.4	4026	4024	-0.017	3562.736	980135.345	-169.904	217.772	-78.965	-31.097	705.678
402521.4	5402420.1	4026	4025	-0.016	3561.909	980134.518	-170.702	219.330	-79.530	-30.902	710.726
402626.2	5402474.2	4026	4026	-0.016	3561.731	980134.340	-170.837	219.691	-79.661	-30.807	711.896

402732.7	5402553.3	4026	4027	-0.015	3562.267	980134.876	-170.239	218.744	-79.318	-30.812	708.827
402826.1	5402516.3	4026	4028	-0.014	3562.709	980135.318	-169.828	218.136	-79.097	-30.789	706.857
402933.4	5402465.3	4026	4029	-0.014	3562.766	980135.375	-169.813	217.737	-78.952	-31.029	705.563
403030.9	5402418.6	4026	4030	-0.013	3562.825	980135.434	-169.793	217.691	-78.936	-31.037	705.415
403120.4	5402413.9	4026	4031	-0.013	3562.455	980135.064	-170.168	217.992	-79.045	-31.221	706.389
403231.6	5402490.5	4026	4032	-0.010	3560.932	980133.541	-171.630	219.496	-79.590	-31.724	711.265
403332.3	5402584.8	4026	4033	-0.009	3560.683	980133.292	-171.804	220.113	-79.814	-31.505	713.262
403434.2	5402615.7	4026	4034	-0.008	3560.618	980133.227	-171.845	220.360	-79.904	-31.388	714.064
403532.0	5402590.2	4026	4035	-0.007	3560.606	980133.215	-171.878	220.278	-79.874	-31.474	713.798

D69

395570.1	5403530.8	0	301	+0.000	3569.554	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.554	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.032	3569.554	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.586	980141.960	-162.283	222.590	-80.712	-20.405	721.291
401326.8	5401309.9	1000	23	-0.022	3568.542	980140.948	-165.157	213.735	-77.501	-28.923	692.597
400779.6	5402074.1	1000	32	-0.021	3571.740	980144.146	-161.335	209.858	-76.096	-27.572	680.034
400495.7	5402176.0	1000	35	-0.020	3574.171	980146.577	-158.818	206.566	-74.902	-27.154	669.366
392928.0	5400906.0	4011	3929	-0.030	3576.630	980149.036	-157.298	215.546	-78.158	-19.910	698.465
402533.4	5402423.8	4026	4025	-0.014	3562.077	980134.483	-170.734	219.360	-79.541	-30.915	710.822

D69

395570.1	5403530.8	0	301	+0.000	4111.500	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4111.500	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.282	4111.500	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4111.782	980141.960	-162.283	222.590	-80.712	-20.405	721.291
393127.1	5401923.7	4021	3931	-0.039	4117.642	980148.102	-157.412	215.602	-78.178	-19.988	698.645
393528.0	5401854.3	4021	3935	-0.148	4117.256	980147.716	-157.859	216.757	-78.597	-19.699	702.387
393730.9	5401838.5	4021	3937	-0.262	4116.720	980147.180	-158.410	217.348	-78.811	-19.873	704.303
393833.6	5401831.8	4021	3938	-0.058	4115.921	980146.381	-159.215	218.635	-79.278	-19.858	708.474
393938.5	5401823.9	4021	3939	-0.051	4115.247	980145.707	-159.897	219.357	-79.540	-20.080	710.813
394038.3	5401816.9	4021	3940	-0.066	4115.654	980146.114	-159.497	218.430	-79.204	-20.271	707.808
394139.1	5401818.8	4021	3941	-0.071	4116.754	980147.214	-158.397	216.911	-78.653	-20.139	702.887
394241.4	5401855.3	4021	3942	-0.077	4116.103	980146.563	-159.019	217.725	-78.948	-20.243	705.524
394331.6	5401888.9	4021	3943	-0.083	4116.906	980147.366	-158.190	216.447	-78.485	-20.228	701.385
394444.5	5401930.8	4021	3944	-0.091	4116.569	980147.029	-158.495	216.815	-78.618	-20.298	702.575
394536.5	5401942.8	4021	3945	-0.108	4117.344	980147.804	-157.711	215.726	-78.223	-20.208	699.048
394635.6	5401946.4	4021	3946	-0.112	4117.130	980147.590	-157.923	215.989	-78.318	-20.253	699.899
394735.5	5401929.9	4021	3947	-0.117	4116.822	980147.282	-158.246	216.865	-78.636	-20.017	702.739
394839.6	5401933.8	4021	3948	-0.128	4116.281	980146.741	-158.785	217.387	-78.826	-20.223	704.431
394932.4	5401949.8	4021	3949	-0.133	4115.494	980145.954	-159.560	218.271	-79.146	-20.435	707.293
395036.8	5401972.1	4021	3950	-0.155	4114.928	980145.388	-160.109	219.359	-79.541	-20.291	710.821
395139.5	5401992.6	4021	3951	-0.160	4113.912	980144.372	-161.110	220.464	-79.941	-20.587	714.402
395234.3	5401904.0	4021	3952	-0.165	4113.991	980144.451	-161.104	220.370	-79.907	-20.641	714.096
395340.1	5401787.1	4021	3953	-0.175	4114.306	980144.766	-160.884	219.574	-79.618	-20.929	711.515
395442.8	5401739.8	4021	3954	-0.181	4115.104	980145.564	-160.126	218.539	-79.243	-20.830	708.163
395543.7	5401740.8	4021	3955	-0.186	4115.459	980145.919	-159.771	218.056	-79.068	-20.783	706.599
395645.1	5401737.3	4021	3956	-0.192	4115.515	980145.975	-159.719	218.170	-79.109	-20.659	706.966
395742.9	5401713.3	4021	3957	-0.199	4115.267	980145.727	-159.988	218.479	-79.221	-20.730	707.968
395846.7	5401691.0	4021	3958	-0.206	4115.004	980145.464	-160.270	218.934	-79.386	-20.722	709.443
395945.6	5401669.5	4021	3959	-0.210	4114.478	980144.938	-160.815	219.557	-79.612	-20.870	711.460
396051.1	5401646.6	4021	3960	-0.215	4113.872	980144.332	-161.440	220.381	-79.911	-20.971	714.132
396153.5	5401624.2	4021	3961	-0.221	4112.575	980143.035	-162.757	222.603	-80.717	-20.870	721.332
396251.6	5401594.1	4021	3962	-0.226	4111.187	980141.647	-164.170	224.484	-81.399	-21.085	727.427
396358.9	5401553.3	4021	3963	-0.236	4111.565	980142.025	-163.827	224.087	-81.255	-20.995	726.140

D70

395570.1	5403530.8	0	301	+0.000	3569.707	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.707	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.046	3569.707	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.753	980141.960	-162.283	222.590	-80.712	-20.405	721.291
402005.7	5400180.0	1000	10	-0.022	3557.575	980129.828	-177.198	232.367	-84.257	-29.088	752.973
401958.8	5400255.1	1000	11	-0.020	3557.825	980130.078	-176.887	232.113	-84.165	-28.939	752.149
401941.0	5400357.3	1000	12	-0.020	3558.459	980130.712	-176.170	230.974	-83.752	-28.948	748.458
401863.1	5400415.0	1000	13	-0.018	3558.637	980130.890	-175.944	230.668	-83.641	-28.918	747.465
401796.2	5400511.3	1000	14	-0.018	3559.028	980131.281	-175.475	230.235	-83.484	-28.724	746.063
401750.6	5400585.3	1000	15	-0.016	3559.356	980131.609	-175.086	229.713	-83.295	-28.668	744.371
401689.1	5400679.6	1000	16	-0.016	3559.696	980131.949	-174.669	228.911	-83.004	-28.763	741.772
401635.9	5400761.0	1000	17	-0.015	3560.278	980132.531	-174.021	228.152	-82.729	-28.598	739.313
401591.4	5400835.5	1000	18	-0.013	3561.518	980133.771	-172.720	226.028	-81.959	-28.651	732.430
401540.5	5400926.5	1000	19	-0.012	3563.102	980135.355	-171.062	223.275	-80.961	-28.747	723.511

401494.0	5401013.6	1000	20	-0.010	3564.489	980136.742	-169.604	221.630	-80.364	-28.338	718.179
401394.4	5401189.8	1000	22	-0.006	3567.893	980140.146	-166.056	215.348	-78.086	-28.795	697.821
400949.3	5401980.0	1000	30	-0.004	3571.452	980143.705	-161.854	209.640	-76.016	-28.230	679.326
400396.5	5402205.2	1000	36	-0.025	3574.101	980146.354	-159.016	206.918	-75.030	-27.127	670.507
400292.3	5402238.7	1000	37	-0.026	3573.906	980146.159	-159.183	208.039	-75.436	-26.580	674.138
400202.3	5402269.3	1000	38	-0.027	3574.003	980146.256	-159.060	208.392	-75.564	-26.232	675.283
400108.9	5402300.6	1000	39	-0.027	3573.945	980146.198	-159.092	208.601	-75.639	-26.131	675.958
400023.5	5402330.1	1000	40	-0.028	3573.925	980146.178	-159.087	208.908	-75.751	-25.930	676.955
399899.5	5402145.0	1040	58	-0.042	3573.448	980145.701	-159.712	209.188	-75.852	-26.377	677.861
399938.1	5402253.6	1040	59	-0.041	3573.740	980145.993	-159.333	209.064	-75.807	-26.077	677.459
399964.4	5402357.1	1040	60	-0.041	3573.930	980146.183	-159.060	209.140	-75.835	-25.755	677.706
399931.3	5402466.6	1040	61	-0.040	3574.055	980146.308	-158.846	208.982	-75.778	-25.641	677.194
399901.8	5402571.8	1040	62	-0.039	3574.454	980146.707	-158.361	208.200	-75.494	-25.655	674.660
399883.3	5402641.1	1040	63	-0.037	3574.718	980146.971	-158.041	207.578	-75.269	-25.732	672.645
399851.4	5402744.1	1040	64	-0.036	3574.892	980147.145	-157.783	206.867	-75.011	-25.927	670.341
399824.3	5402841.2	1040	65	-0.035	3575.372	980147.625	-157.225	206.187	-74.764	-25.802	668.138
399799.3	5402930.9	1040	66	-0.034	3575.714	980147.967	-156.810	206.042	-74.712	-25.479	667.668
399771.5	5403036.2	1040	67	-0.033	3575.904	980148.157	-156.534	205.892	-74.657	-25.299	667.182
399746.9	5403126.5	1040	68	-0.033	3575.811	980148.064	-156.554	205.374	-74.469	-25.650	665.502
399718.9	5403231.6	1040	69	-0.031	3576.419	980148.672	-155.861	204.625	-74.198	-25.433	663.076
399722.8	5403329.2	1040	70	-0.031	3576.620	980148.873	-155.581	204.141	-74.022	-25.462	661.507
392832.2	5400871.0	4011	3928	-0.045	3576.877	980149.130	-157.232	215.227	-78.042	-20.047	697.430

D70

395570.1	5403530.8	0	301	+0.000	4112.434	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4112.434	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.409	4112.434	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4112.843	980141.960	-162.283	222.590	-80.712	-20.405	721.291
396057.7	5401880.2	1010	1	-0.069	4114.798	980144.324	-161.260	220.493	-79.952	-20.719	714.494
395965.6	5401919.9	1010	2	-0.077	4114.218	980143.744	-161.806	220.807	-80.065	-21.065	715.511
395878.2	5401966.2	1010	3	-0.085	4115.325	980144.851	-160.661	219.943	-79.752	-20.470	712.711
395797.2	5402022.9	1010	4	-0.091	4115.732	980145.258	-160.207	219.248	-79.500	-20.459	710.461
395718.2	5402087.1	1010	5	-0.096	4116.044	980145.570	-159.842	218.688	-79.297	-20.452	708.645
395634.8	5402144.7	1010	6	-0.101	4116.264	980145.790	-159.575	218.535	-79.242	-20.282	708.149
395549.8	5402198.9	1010	7	-0.105	4116.091	980145.617	-159.703	218.680	-79.294	-20.317	708.621
395466.5	5402250.9	1010	8	-0.109	4116.040	980145.566	-159.711	219.241	-79.498	-19.968	710.436
395383.9	5402301.1	1010	9	-0.114	4115.671	980145.197	-160.038	219.670	-79.653	-20.021	711.829
395299.6	5402352.7	1010	10	-0.119	4114.872	980144.398	-160.794	220.614	-79.995	-20.176	714.885
395210.9	5402404.0	1010	11	-0.124	4115.145	980144.671	-160.479	220.013	-79.778	-20.244	712.938
395126.4	5402462.7	1010	12	-0.129	4114.928	980144.454	-160.648	219.763	-79.687	-20.572	712.130
395059.5	5402544.6	1010	13	-0.136	4115.458	980144.984	-160.051	218.498	-79.228	-20.781	708.031
395022.7	5402659.5	1010	14	-0.141	4115.283	980144.809	-160.132	218.666	-79.289	-20.756	708.573
396098.0	5401005.4	1020	1	-0.188	4112.257	980141.783	-164.508	225.454	-81.751	-20.805	730.570
396074.5	5401104.2	1020	2	-0.193	4111.313	980140.839	-165.372	225.923	-81.921	-21.370	732.090
396059.6	5401200.3	1020	3	-0.198	4111.576	980141.102	-165.031	225.546	-81.784	-21.269	730.870
396044.5	5401298.2	1020	4	-0.211	4111.125	980140.651	-165.403	226.406	-82.096	-21.093	733.656
396026.8	5401399.1	1020	5	-0.216	4111.551	980141.077	-164.895	225.712	-81.844	-21.027	731.407
396033.0	5401500.4	1020	6	-0.225	4112.870	980142.396	-163.494	223.188	-80.929	-21.235	723.227
396023.5	5401607.4	1020	7	-0.234	4114.777	980144.303	-161.501	220.442	-79.933	-20.992	714.330
396038.3	5401702.1	1020	8	-0.266	4115.148	980144.674	-161.054	220.001	-79.773	-20.826	712.900
396063.0	5401806.0	1020	9	-0.271	4115.122	980144.648	-160.996	220.261	-79.868	-20.602	713.743
396088.5	5401907.9	1020	10	-0.277	4115.143	980144.669	-160.892	220.107	-79.812	-20.597	713.243
396114.7	5402004.2	1020	11	-0.282	4115.495	980145.021	-160.463	219.137	-79.460	-20.786	710.099
391599.7	5402441.5	1030	1	-0.343	4114.944	980144.470	-160.607	220.424	-79.927	-20.109	714.271
391613.0	5402543.8	1030	2	-0.349	4115.228	980144.754	-160.240	220.000	-79.773	-20.013	712.896
391614.9	5402639.5	1030	3	-0.354	4115.470	980144.996	-159.921	219.542	-79.607	-19.986	711.412
391622.8	5402740.4	1030	4	-0.360	4115.309	980144.835	-160.000	219.632	-79.640	-20.008	711.705
393938.6	5401823.8	4021	3939	-0.373	4116.172	980145.698	-159.906	219.325	-79.528	-20.109	710.711
396051.0	5401646.4	4021	3960	-0.153	4114.822	980144.348	-161.424	220.370	-79.907	-20.962	714.096
396358.9	5401553.3	4021	3963	-0.051	4112.554	980142.080	-163.771	224.041	-81.238	-20.969	725.990
396459.6	5401542.6	4021	3964	-0.054	4111.562	980141.088	-164.773	225.665	-81.827	-20.935	731.255
396139.8	5402038.0	4022	3961	-0.294	4115.828	980145.354	-160.103	218.552	-79.248	-20.799	708.205
396233.1	5402060.6	4022	3962	-0.306	4116.010	980145.536	-159.904	218.522	-79.237	-20.619	708.108
396330.6	5402077.7	4022	3963	-0.312	4115.999	980145.525	-159.902	218.628	-79.276	-20.549	708.452
396431.3	5402097.6	4022	3964	-0.318	4116.118	980145.644	-159.768	218.450	-79.211	-20.529	707.875
396527.2	5402122.7	4022	3965	-0.325	4116.315	980145.841	-159.552	218.024	-79.057	-20.584	706.495

D71

395570.1	5403530.8	0	301	+0.000	3569.855	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.855	980141.960	-162.283	222.590	-80.712	-20.405	721.291

395570.1	5403530.8	0	301	-0.055	3569.855	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3569.910	980141.960	-162.283	222.590	-80.712	-20.405	721.291
401863.4	5400415.0	1000	13	-0.052	3558.795	980130.900	-175.934	230.683	-83.647	-28.898	747.515
401689.1	5400679.9	1000	16	-0.006	3559.841	980131.946	-174.672	228.939	-83.014	-28.747	741.864
401431.7	5401118.7	1000	21	-0.005	3566.677	980138.782	-167.479	217.804	-78.977	-28.651	705.781
399291.8	5400233.2	1040	38	-0.050	3565.196	980137.301	-169.652	221.203	-80.209	-28.658	716.794
399290.3	5400348.0	1040	39	-0.049	3564.878	980136.983	-169.877	221.911	-80.466	-28.432	719.088
399325.9	5400434.8	1040	40	-0.047	3564.920	980137.025	-169.765	221.990	-80.495	-28.269	719.347
399369.1	5400532.3	1040	41	-0.045	3564.908	980137.013	-169.699	222.081	-80.528	-28.145	719.641
399402.8	5400614.3	1040	42	-0.043	3564.632	980136.737	-169.909	222.808	-80.791	-27.892	721.996
399443.2	5400708.4	1040	43	-0.041	3563.879	980135.984	-170.586	223.653	-81.097	-28.031	724.733
399485.2	5400803.9	1040	44	-0.037	3563.761	980135.866	-170.627	223.344	-80.986	-28.269	723.733
399526.5	5400903.0	1040	45	-0.034	3563.500	980135.605	-170.809	223.826	-81.160	-28.143	725.296
399561.0	5400980.1	1040	46	-0.032	3563.979	980136.084	-170.268	223.365	-80.993	-27.896	723.801
399605.2	5401080.9	1040	47	-0.030	3565.768	980137.873	-168.398	221.350	-80.263	-27.310	717.273
399646.9	5401177.5	1040	48	-0.023	3566.393	980138.498	-167.695	220.175	-79.837	-27.356	713.465
399686.9	5401270.8	1040	49	-0.022	3567.055	980139.160	-166.958	219.142	-79.462	-27.278	710.117
399696.3	5401363.8	1040	50	-0.020	3568.065	980140.170	-165.873	217.260	-78.779	-27.392	704.018
399722.0	5401465.8	1040	51	-0.019	3569.023	980141.128	-164.833	215.647	-78.195	-27.380	698.791
399717.6	5401577.9	1040	52	-0.017	3570.413	980142.518	-163.352	213.635	-77.465	-27.182	692.273
399737.4	5401667.1	1040	53	-0.016	3571.572	980143.677	-162.121	211.846	-76.816	-27.091	686.476
399770.3	5401774.6	1040	54	-0.012	3572.373	980144.478	-161.233	210.571	-76.354	-27.016	682.343
399802.3	5401860.1	1040	55	-0.011	3572.611	980144.716	-160.927	210.399	-76.292	-26.819	681.785
399835.7	5401960.4	1040	56	-0.009	3573.131	980145.236	-160.326	209.800	-76.074	-26.601	679.843
399869.6	5402053.8	1040	57	-0.008	3573.504	980145.609	-159.878	209.428	-75.940	-26.389	678.640

D71

395570.1	5403530.8	0	301	+0.000	4113.545	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4113.545	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.363	4113.545	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4113.908	980141.960	-162.283	222.590	-80.712	-20.405	721.291
391614.8	5402639.5	1030	3	-0.254	4116.588	980145.003	-159.914	219.538	-79.606	-19.981	711.401
391622.6	5402740.4	1030	4	-0.022	4116.452	980144.867	-159.968	219.621	-79.635	-19.983	711.668
391633.6	5402841.0	1030	5	-0.027	4116.232	980144.647	-160.107	219.497	-79.590	-20.201	711.266
391575.1	5402937.2	1030	6	-0.034	4117.405	980145.820	-158.856	218.151	-79.102	-19.807	706.904
391617.7	5403141.2	1030	8	-0.043	4121.308	980149.723	-154.788	212.590	-77.086	-19.284	688.886
391556.2	5403234.3	1030	9	-0.048	4123.131	980151.546	-152.889	210.478	-76.320	-18.731	682.041
394360.1	5403005.3	1050	1	-0.086	4118.600	980147.015	-157.639	216.461	-78.490	-19.667	701.430
394300.3	5403089.2	1050	2	-0.093	4118.528	980146.943	-157.642	216.752	-78.595	-19.486	702.371
394236.0	5403167.4	1050	3	-0.098	4117.959	980146.374	-158.147	217.390	-78.827	-19.584	704.440
394133.3	5403206.7	1050	4	-0.104	4118.207	980146.622	-157.866	217.518	-78.873	-19.221	704.854
394037.5	5403240.7	1050	5	-0.109	4118.015	980146.430	-158.030	217.878	-79.004	-19.155	706.021
393842.8	5403479.3	1050	8	-0.124	4118.931	980147.346	-156.919	216.208	-78.398	-19.109	700.608
393794.1	5403573.7	1050	9	-0.129	4119.092	980147.507	-156.680	215.780	-78.243	-19.143	699.223
393734.5	5403651.9	1050	10	-0.134	4117.626	980146.041	-158.082	218.074	-79.075	-19.083	706.656
393671.5	5403732.1	1050	11	-0.140	4116.989	980145.404	-158.654	218.712	-79.306	-19.248	708.723
393608.3	5403809.5	1050	12	-0.145	4116.902	980145.317	-158.678	218.375	-79.184	-19.486	707.632
393437.8	5403549.6	1060	1	-0.152	4119.262	980147.677	-156.526	215.511	-78.145	-19.160	698.352
393470.7	5403645.1	1060	2	-0.156	4119.070	980147.485	-156.641	215.788	-78.246	-19.098	699.249
393504.3	5403740.9	1060	3	-0.161	4118.423	980146.838	-157.211	216.757	-78.597	-19.051	702.388
393551.8	5403828.0	1060	4	-0.166	4117.297	980145.712	-158.267	218.034	-79.060	-19.293	706.525
393626.4	5403904.5	1060	5	-0.172	4117.327	980145.742	-158.176	218.193	-79.118	-19.101	707.040
393702.6	5403975.8	1060	6	-0.178	4117.164	980145.579	-158.282	218.499	-79.229	-19.012	708.034
393772.5	5404049.4	1060	7	-0.183	4116.805	980145.220	-158.582	218.761	-79.324	-19.145	708.882
393776.6	5404161.3	1060	8	-0.188	4116.416	980144.831	-158.881	218.821	-79.345	-19.406	709.076
394208.9	5404005.2	1070	1	-0.196	4116.249	980144.664	-159.180	220.131	-79.821	-18.869	713.322
394113.9	5404043.9	1070	2	-0.201	4116.288	980144.703	-159.108	219.922	-79.745	-18.931	712.643
394022.6	5404084.6	1070	3	-0.206	4116.647	980145.062	-158.715	219.239	-79.497	-18.973	710.430
393932.6	5404127.4	1070	4	-0.214	4116.749	980145.164	-158.578	218.636	-79.278	-19.220	708.476
393841.8	5404168.0	1070	5	-0.219	4116.328	980144.743	-158.965	218.925	-79.383	-19.422	709.415
393752.8	5404211.0	1070	6	-0.224	4116.554	980144.969	-158.703	218.651	-79.284	-19.336	708.525
393677.4	5404285.5	1070	7	-0.229	4117.277	980145.692	-157.919	217.788	-78.971	-19.101	705.730
393601.4	5404358.6	1070	8	-0.234	4117.264	980145.679	-157.871	217.599	-78.902	-19.174	705.118
393569.1	5404482.6	1070	9	-0.285	4116.907	980145.322	-158.128	217.827	-78.985	-19.285	705.857
393530.9	5404598.4	1070	10	-0.289	4116.228	980144.643	-158.713	218.947	-79.391	-19.157	709.485
393231.6	5404838.4	1080	1	-0.297	4116.337	980144.752	-158.406	219.146	-79.463	-18.724	710.129
393320.0	5404792.2	1080	2	-0.302	4115.804	980144.219	-158.978	219.735	-79.677	-18.920	712.037
393409.6	5404745.7	1080	3	-0.307	4115.710	980144.125	-159.110	219.797	-79.699	-19.012	712.240
393498.0	5404697.9	1080	4	-0.311	4115.858	980144.273	-159.002	219.374	-79.546	-19.174	710.870

393603.0	5404690.5	1080	5	-0.315	4116.415	980144.830	-158.452	218.310	-79.160	-19.302	707.420
393695.6	5404733.0	1080	6	-0.323	4116.225	980144.640	-158.609	218.519	-79.236	-19.326	708.099
392927.5	5400906.0	4011	3929	-0.345	4120.604	980149.019	-157.315	215.529	-78.152	-19.938	698.408

D72

395570.1	5403530.8	0	301	+0.000	3570.023	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.023	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.047	3570.023	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.070	980141.960	-162.283	222.590	-80.712	-20.405	721.291
391529.8	5403026.1	1030	7	-0.043	3575.907	980147.844	-156.759	215.233	-78.044	-19.570	697.449
392436.0	5401656.0	4016	3924	-0.045	3576.465	980148.402	-157.320	215.409	-78.108	-20.019	698.021
389622.0	5403173.4	4031	3896	-0.028	3580.084	980152.021	-152.439	211.512	-76.695	-17.623	685.391
389730.1	5403163.8	4031	3897	-0.029	3580.557	980152.494	-151.976	211.212	-76.586	-17.350	684.419
389838.1	5403157.0	4031	3898	-0.030	3580.385	980152.322	-152.155	210.998	-76.509	-17.665	683.727
389924.8	5403166.9	4031	3899	-0.030	3580.448	980152.385	-152.084	211.220	-76.589	-17.454	684.445
390029.1	5403159.8	4031	3900	-0.031	3579.640	980151.577	-152.900	212.002	-76.873	-17.770	686.980
390128.8	5403162.2	4031	3901	-0.032	3580.389	980152.326	-152.150	210.705	-76.403	-17.847	682.777
390227.8	5403169.7	4031	3902	-0.032	3581.775	980153.712	-150.759	208.315	-75.536	-17.980	675.032
390334.1	5403164.9	4031	3903	-0.033	3583.004	980154.941	-149.535	206.203	-74.770	-18.102	668.190
390433.2	5403167.8	4031	3904	-0.034	3583.168	980155.105	-149.370	205.552	-74.534	-18.352	666.079
390529.6	5403162.8	4031	3905	-0.035	3583.060	980154.997	-149.483	205.440	-74.493	-18.537	665.716
390738.8	5403170.6	4031	3907	-0.037	3583.028	980154.965	-149.512	205.412	-74.483	-18.583	665.625
390836.8	5403165.8	4031	3908	-0.039	3582.667	980154.604	-149.878	206.016	-74.702	-18.564	667.582
391030.2	5403172.3	4031	3910	-0.040	3582.578	980154.515	-149.964	206.309	-74.808	-18.463	668.531
390130.1	5403732.7	4036	3901	-0.026	3578.266	980150.203	-153.812	213.358	-77.364	-17.818	691.373
390254.5	5403630.7	4036	3902	-0.024	3580.947	980152.884	-151.214	209.646	-76.019	-17.587	679.346
390323.0	5403605.5	4036	3903	-0.023	3580.348	980152.285	-151.835	210.161	-76.205	-17.879	681.013
390424.5	5403640.8	4036	3904	-0.022	3580.862	980152.799	-151.294	208.306	-75.533	-18.520	675.003
390522.2	5403653.1	4036	3905	-0.021	3580.266	980152.203	-151.881	209.912	-76.115	-18.084	680.206
390643.4	5403660.0	4036	3906	-0.020	3582.592	980154.529	-149.551	206.959	-75.044	-17.636	670.639
390738.8	5403668.6	4036	3907	-0.019	3582.918	980154.855	-149.219	205.972	-74.686	-17.933	667.441
390833.9	5403668.6	4036	3908	-0.018	3583.034	980154.971	-149.104	205.704	-74.589	-17.989	666.573
390921.5	5403670.7	4036	3909	-0.017	3582.972	980154.909	-149.165	205.652	-74.570	-18.084	666.403
391019.4	5403686.2	4036	3910	-0.016	3582.976	980154.913	-149.150	205.624	-74.560	-18.087	666.311
391136.0	5403651.1	4036	3911	-0.015	3582.840	980154.777	-149.316	205.557	-74.536	-18.295	666.095
391231.8	5403725.9	4036	3912	-0.014	3582.530	980154.467	-149.566	205.756	-74.608	-18.419	666.739
391318.4	5403763.0	4036	3913	-0.013	3581.942	980153.879	-150.126	206.526	-74.887	-18.487	669.234
391420.0	5403686.9	4036	3914	-0.013	3582.569	980154.506	-149.561	205.697	-74.587	-18.451	666.549
391528.0	5403665.0	4036	3915	-0.012	3582.546	980154.483	-149.603	205.746	-74.604	-18.462	666.708
391632.1	5403640.4	4036	3916	-0.011	3582.479	980154.416	-149.692	205.819	-74.631	-18.504	666.944
391739.1	5403592.6	4036	3917	-0.010	3582.226	980154.163	-149.984	205.902	-74.661	-18.743	667.213
391829.9	5403675.8	4036	3918	-0.009	3582.083	980154.020	-150.061	206.081	-74.726	-18.706	667.793
391926.5	5403687.1	4036	3919	-0.009	3582.178	980154.115	-149.958	205.904	-74.662	-18.716	667.221
392045.8	5403661.5	4036	3920	-0.008	3582.089	980154.026	-150.069	205.992	-74.694	-18.771	667.505
392130.0	5403671.9	4036	3921	-0.007	3581.929	980153.866	-150.222	206.306	-74.807	-18.724	668.521
392229.6	5403783.6	4036	3922	-0.006	3580.863	980152.800	-151.199	207.284	-75.162	-19.077	671.692
392328.6	5403725.3	4036	3923	-0.005	3580.775	980152.712	-151.335	207.504	-75.242	-19.073	672.403
392418.8	5404174.2	4041	3924	-0.004	3576.925	980148.862	-154.823	213.274	-77.334	-18.883	691.102

D72

395570.1	5403530.8	0	301	+0.000	4114.653	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4114.653	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.329	4114.653	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4114.982	980141.960	-162.283	222.590	-80.712	-20.405	721.291
394037.5	5403240.8	1050	5	-0.027	4119.132	980146.439	-158.020	217.905	-79.013	-19.129	706.108
393959.1	5403295.1	1050	6	-0.033	4119.513	980146.820	-157.595	217.001	-78.685	-19.279	703.178
393890.6	5403379.8	1050	7	-0.040	4120.639	980147.946	-156.399	215.374	-78.096	-19.121	697.907
392883.2	5401951.6	1090	1	-0.049	4119.464	980146.771	-158.717	217.700	-78.939	-19.956	705.445
392897.7	5401853.6	1090	2	-0.053	4119.817	980147.124	-158.444	217.068	-78.710	-20.085	703.396
392898.2	5401749.9	1090	3	-0.057	4120.417	980147.724	-157.928	216.170	-78.384	-20.142	700.486
392883.3	5401650.3	1090	4	-0.060	4121.029	980148.336	-157.396	215.737	-78.227	-19.886	699.082
392867.1	5401550.1	1090	5	-0.064	4121.582	980148.889	-156.924	215.271	-78.058	-19.711	697.572
392850.6	5401454.0	1090	6	-0.069	4121.731	980149.038	-156.852	215.261	-78.055	-19.645	697.542
392854.3	5401352.8	1090	7	-0.073	4122.019	980149.326	-156.646	214.797	-77.886	-19.736	696.036
392907.7	5401254.7	1090	8	-0.077	4122.147	980149.454	-156.598	214.214	-77.675	-20.059	694.149
392929.2	5401165.9	1090	9	-0.081	4122.453	980149.760	-156.364	214.570	-77.804	-19.599	695.300
392936.9	5401057.2	1090	10	-0.088	4122.077	980149.384	-156.828	215.227	-78.042	-19.643	697.431
392942.0	5400957.3	1090	11	-0.093	4121.636	980148.943	-157.350	215.403	-78.106	-20.053	698.000
392986.6	5400864.8	1090	12	-0.098	4121.428	980148.735	-157.634	216.238	-78.409	-19.805	700.705
393047.4	5400789.2	1090	13	-0.102	4120.899	980148.206	-158.224	217.237	-78.771	-19.758	703.945

393128.6	5400730.8	1090	14	-0.111	4120.953	980148.260	-158.218	217.070	-78.711	-19.859	703.404
393191.9	5400649.4	1090	15	-0.117	4119.903	980147.210	-159.335	218.629	-79.276	-19.982	708.454
393248.0	5400566.2	1090	16	-0.122	4118.229	980145.536	-161.077	221.240	-80.222	-20.060	716.914
393308.6	5400481.3	1090	17	-0.131	4116.973	980144.280	-162.402	223.387	-81.001	-20.016	723.872
393368.8	5400405.4	1090	18	-0.148	4116.900	980144.207	-162.537	223.512	-81.046	-20.072	724.277
393436.9	5400326.2	1090	19	-0.154	4116.849	980144.156	-162.653	223.885	-81.182	-19.950	725.485
393500.7	5400247.8	1090	20	-0.158	4116.551	980143.858	-163.015	224.368	-81.357	-20.005	727.050
393564.9	5400171.5	1090	21	-0.164	4116.478	980143.785	-163.151	224.558	-81.426	-20.019	727.666
393628.0	5400092.7	1090	22	-0.169	4116.291	980143.598	-163.403	224.752	-81.496	-20.147	728.295
393666.1	5399999.9	1090	23	-0.177	4116.378	980143.685	-163.391	224.738	-81.491	-20.144	728.250
393689.5	5399889.6	1090	24	-0.182	4116.287	980143.594	-163.571	225.143	-81.638	-20.066	729.562
393689.8	5399771.0	1090	25	-0.187	4117.700	980145.007	-162.254	223.267	-80.958	-19.945	723.485
393737.8	5399680.5	1090	26	-0.191	4117.458	980144.765	-162.570	223.727	-81.124	-19.968	724.974
393836.4	5399629.7	1090	27	-0.197	4117.332	980144.639	-162.738	223.920	-81.194	-20.013	725.599
393924.9	5399563.2	1090	28	-0.205	4118.138	980145.445	-161.987	223.493	-81.040	-19.534	724.216
393981.7	5399486.6	1090	29	-0.209	4118.120	980145.427	-162.068	223.149	-80.915	-19.834	723.101
393996.8	5399372.3	1090	30	-0.214	4118.490	980145.797	-161.790	222.964	-80.848	-19.674	722.502
394042.0	5399284.1	1090	31	-0.219	4119.281	980146.588	-161.071	222.360	-80.629	-19.340	720.546
394080.8	5399197.8	1090	32	-0.228	4119.714	980147.021	-160.709	222.119	-80.541	-19.131	719.763
394049.2	5399099.6	1090	33	-0.236	4121.237	980148.544	-159.265	219.890	-79.733	-19.108	712.540
393950.8	5399036.9	1090	34	-0.243	4123.725	980151.032	-156.826	216.737	-78.590	-18.679	702.324
393189.6	5400712.2	1100	1	-0.254	4120.527	980147.834	-158.660	217.942	-79.027	-19.745	706.227
393287.9	5400742.7	1100	2	-0.258	4119.772	980147.079	-159.392	218.867	-79.362	-19.887	709.224
393370.5	5400801.7	1100	3	-0.266	4120.407	980147.714	-158.710	218.206	-79.122	-19.627	707.083
392729.7	5400858.6	4011	3927	-0.141	4121.638	980148.945	-157.425	215.363	-78.091	-20.154	697.870

D73

395570.1	5403530.8	0	301	+0.000	3570.176	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.176	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.061	3570.176	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.237	980141.960	-162.283	222.590	-80.712	-20.405	721.291
391530.2	5403026.6	1030	7	-0.003	3576.032	980147.816	-156.787	215.226	-78.042	-19.602	697.428
389622.5	5403173.4	4031	3896	-0.033	3580.237	980152.021	-152.439	211.496	-76.689	-17.633	685.341
390129.0	5403162.1	4031	3901	-0.036	3580.548	980152.332	-152.144	210.688	-76.396	-17.852	682.722
390629.5	5403253.3	4031	3906	-0.040	3583.216	980155.000	-149.408	205.388	-74.475	-18.495	665.548
390922.8	5403158.9	4031	3909	-0.010	3582.732	980154.516	-149.972	206.146	-74.749	-18.576	668.004
391030.0	5403172.7	4031	3910	-0.008	3582.732	980154.516	-149.962	206.279	-74.798	-18.481	668.436
391139.7	5403115.9	4031	3911	-0.006	3582.621	980154.405	-150.121	206.456	-74.862	-18.526	669.008
391226.9	5403185.7	4031	3912	-0.013	3582.892	980154.676	-149.794	206.099	-74.732	-18.428	667.851
391330.1	5403270.9	4031	3913	-0.014	3582.925	980154.709	-149.694	205.947	-74.677	-18.424	667.360
391433.3	5403314.1	4031	3914	-0.016	3582.437	980154.221	-150.148	206.482	-74.871	-18.537	669.092
391523.3	5403258.7	4031	3915	-0.017	3580.908	980152.692	-151.723	208.857	-75.733	-18.598	676.790
390521.8	5403653.0	4036	3905	-0.048	3580.409	980152.193	-151.891	209.923	-76.119	-18.087	680.243
390644.2	5403660.1	4036	3906	-0.046	3582.749	980154.533	-149.547	206.957	-75.043	-17.633	670.631
390833.8	5403668.4	4036	3908	-0.044	3583.183	980154.967	-149.108	205.704	-74.589	-17.993	666.573
390921.2	5403670.6	4036	3909	-0.043	3583.117	980154.901	-149.173	205.629	-74.562	-18.106	666.329
391232.6	5403727.2	4036	3912	-0.057	3582.692	980154.476	-149.557	205.783	-74.618	-18.392	666.826
392032.9	5404169.6	4041	3920	-0.024	3578.731	980150.515	-153.170	210.768	-76.425	-18.827	682.980
392130.4	5404172.9	4041	3921	-0.024	3580.434	980152.218	-151.465	208.469	-75.592	-18.587	675.533
392226.7	5404172.8	4041	3922	-0.022	3579.671	980151.455	-152.229	209.850	-76.093	-18.472	680.007

D73

395570.1	5403530.8	0	301	+0.000	4115.561	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.369	4115.561	980141.960	-162.283	222.590	-80.712	-20.405	721.291
393925.1	5399563.4	1090	28	-0.185	4119.089	980145.488	-161.944	223.488	-81.038	-19.494	724.200
393452.9	5400858.5	1100	4	-0.035	4121.747	980148.146	-158.233	218.025	-79.057	-19.265	706.497
393536.9	5400916.5	1100	5	-0.039	4120.672	980147.071	-159.262	219.377	-79.547	-19.432	710.878
393617.1	5400971.1	1100	6	-0.046	4120.185	980146.584	-159.706	220.140	-79.824	-19.390	713.352
395052.0	5398754.9	1110	1	-0.065	4126.918	980153.317	-154.782	211.910	-76.839	-19.712	686.681
394988.7	5398831.9	1110	2	-0.071	4125.387	980151.786	-156.250	214.576	-77.806	-19.480	695.320
394910.5	5398896.9	1110	3	-0.081	4124.615	980151.014	-156.969	215.968	-78.311	-19.312	699.832
394863.8	5398993.2	1110	4	-0.090	4124.099	980150.498	-157.406	216.750	-78.595	-19.251	702.366
394810.5	5399074.5	1110	5	-0.096	4123.809	980150.208	-157.630	217.159	-78.743	-19.214	703.690
394716.3	5399103.3	1110	6	-0.101	4122.697	980149.096	-158.718	218.990	-79.407	-19.134	709.625
394620.6	5399136.7	1110	7	-0.107	4122.183	980148.582	-159.203	219.826	-79.710	-19.087	712.334
394540.3	5399210.4	1110	8	-0.115	4121.612	980148.011	-159.714	220.599	-79.990	-19.105	714.837
394466.0	5399273.8	1110	9	-0.121	4121.810	980148.209	-159.464	220.534	-79.967	-18.896	714.628
394373.4	5399324.3	1110	10	-0.128	4121.158	980147.557	-160.074	221.402	-80.281	-18.953	717.439
394331.3	5399434.6	1110	11	-0.134	4119.404	980145.803	-161.738	223.964	-81.210	-18.984	725.743
394276.4	5399524.5	1110	12	-0.140	4119.103	980145.502	-161.965	224.172	-81.286	-19.079	726.416

394215.7	5399608.1	1110	13	-0.146	4118.841	980145.240	-162.159	224.519	-81.412	-19.052	727.540
394158.6	5399689.5	1110	14	-0.153	4118.859	980145.258	-162.075	223.968	-81.212	-19.319	725.754
394081.2	5399752.8	1110	15	-0.158	4118.400	980144.799	-162.482	224.281	-81.325	-19.526	726.770
393983.0	5399735.0	1110	16	-0.165	4118.120	980144.519	-162.775	224.214	-81.301	-19.862	726.551
393897.9	5399669.0	1110	17	-0.171	4117.996	980144.395	-162.951	224.032	-81.235	-20.154	725.964
392847.5	5402249.1	1120	3	-0.213	4119.884	980146.283	-158.964	218.041	-79.063	-19.986	706.548
392840.3	5402348.0	1120	4	-0.219	4120.288	980146.687	-158.480	217.513	-78.871	-19.838	704.839
392832.9	5402448.6	1120	5	-0.225	4120.396	980146.795	-158.291	217.261	-78.780	-19.809	704.021
392825.2	5402549.8	1120	6	-0.232	4120.404	980146.803	-158.201	216.864	-78.636	-19.972	702.736
392817.4	5402648.5	1120	7	-0.238	4121.250	980147.649	-157.275	215.243	-78.048	-20.080	697.482
392810.1	5402749.1	1120	8	-0.244	4122.010	980148.409	-156.433	214.200	-77.670	-19.903	694.103
392801.7	5402848.2	1120	9	-0.249	4122.658	980149.057	-155.705	213.340	-77.358	-19.723	691.317
392751.8	5402942.3	1120	10	-0.255	4123.236	980149.635	-155.051	212.351	-77.000	-19.699	688.112
392688.6	5403022.1	1120	11	-0.262	4124.932	980151.331	-153.289	210.145	-76.200	-19.344	680.963
392661.8	5403115.4	1120	12	-0.268	4126.323	980152.722	-151.822	208.399	-75.566	-18.990	675.303
392651.1	5403226.0	1120	13	-0.274	4125.593	980151.992	-152.463	209.649	-76.020	-18.834	679.354
392643.7	5403327.4	1120	14	-0.279	4124.283	980150.682	-153.691	211.690	-76.760	-18.760	685.970
392634.7	5403427.7	1120	15	-0.289	4124.254	980150.653	-153.639	211.657	-76.748	-18.729	685.863
392623.7	5403527.9	1120	16	-0.296	4124.513	980150.912	-153.298	211.322	-76.626	-18.603	684.775
392626.8	5403631.4	1120	17	-0.306	4124.083	980150.482	-153.645	211.901	-76.836	-18.580	686.653
392642.1	5403733.5	1120	18	-0.312	4123.425	980149.824	-154.220	212.487	-77.049	-18.782	688.552
392666.5	5403837.6	1120	19	-0.323	4122.726	980149.125	-154.836	213.064	-77.258	-19.030	690.421
392692.5	5403949.7	1120	20	-0.330	4121.198	980147.597	-156.273	215.102	-77.997	-19.168	697.025
392718.7	5404046.8	1120	21	-0.342	4120.250	980146.649	-157.143	216.432	-78.479	-19.190	701.336
392750.1	5404145.2	1120	22	-0.350	4120.218	980146.617	-157.096	216.982	-78.678	-18.793	703.116

D74

395570.1	5403530.8	0	301	+0.000	3570.343	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.343	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.055	3570.343	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.398	980141.960	-162.283	222.590	-80.712	-20.405	721.291
389932.4	5400692.6	4006	3899	-0.048	3586.301	980157.918	-148.553	206.268	-74.794	-17.078	668.399
389940.4	5401164.6	4011	3899	-0.049	3585.550	980157.167	-148.922	206.962	-75.045	-17.005	670.648
389924.8	5401672.2	4016	3899	-0.044	3585.267	980156.884	-148.794	205.058	-74.355	-18.091	664.477
390023.4	5401680.4	4016	3900	-0.043	3585.251	980156.868	-148.805	205.038	-74.348	-18.114	664.414
390144.5	5401672.7	4016	3901	-0.041	3584.874	980156.491	-149.189	205.408	-74.482	-18.263	665.613
390241.9	5401668.2	4016	3902	-0.040	3584.884	980156.501	-149.184	205.227	-74.416	-18.373	665.027
390324.1	5401667.8	4016	3903	-0.040	3584.812	980156.429	-149.258	205.232	-74.418	-18.444	665.041
390432.4	5401672.9	4016	3904	-0.039	3584.895	980156.512	-149.172	205.202	-74.407	-18.377	664.944
390531.5	5401686.9	4016	3905	-0.038	3584.573	980156.190	-149.484	205.431	-74.490	-18.543	665.686
390618.7	5401670.6	4016	3906	-0.037	3584.400	980156.017	-149.671	205.616	-74.557	-18.612	666.286
390703.6	5401726.4	4016	3907	-0.035	3584.321	980155.938	-149.706	205.608	-74.554	-18.652	666.260
389949.6	5402170.4	4021	3899	-0.021	3584.779	980156.396	-148.880	204.938	-74.311	-18.253	664.089
390026.3	5402167.2	4021	3900	-0.022	3584.579	980156.196	-149.083	204.992	-74.331	-18.422	664.263
390134.1	5402170.9	4021	3901	-0.024	3584.341	980155.958	-149.319	205.033	-74.346	-18.632	664.398
390225.5	5402175.8	4021	3902	-0.024	3584.162	980155.779	-149.496	205.056	-74.354	-18.794	664.472
390342.4	5402165.5	4021	3903	-0.028	3584.067	980155.684	-149.600	205.024	-74.342	-18.919	664.367
390426.8	5402166.3	4021	3904	-0.029	3584.002	980155.619	-149.666	205.052	-74.353	-18.966	664.460
390535.0	5402173.5	4021	3905	-0.030	3583.932	980155.549	-149.731	205.122	-74.378	-18.987	664.686
390626.2	5402170.8	4021	3906	-0.031	3583.775	980155.392	-149.892	205.239	-74.420	-19.073	665.064
390716.3	5402196.9	4021	3907	-0.031	3583.674	980155.291	-149.973	205.261	-74.428	-19.140	665.135
390831.2	5402185.2	4021	3908	-0.033	3583.505	980155.122	-150.152	205.409	-74.482	-19.226	665.615
390914.2	5402137.1	4021	3909	-0.034	3583.498	980155.115	-150.199	205.393	-74.476	-19.283	665.563
390238.2	5402637.6	4026	3902	-0.019	3583.562	980155.179	-149.722	205.468	-74.504	-18.758	665.808
390335.4	5402683.9	4026	3903	-0.018	3583.390	980155.007	-149.858	205.373	-74.469	-18.954	665.499
390430.8	5402667.0	4026	3904	-0.018	3583.475	980155.092	-149.788	205.181	-74.399	-19.007	664.876
390519.9	5402649.0	4026	3905	-0.016	3583.213	980154.830	-150.066	205.269	-74.431	-19.228	665.162
390632.7	5402661.9	4026	3906	-0.015	3583.213	980154.830	-150.057	205.202	-74.407	-19.262	664.945
390733.4	5402678.9	4026	3907	-0.014	3583.199	980154.816	-150.058	205.249	-74.424	-19.233	665.098
390819.2	5402674.4	4026	3908	-0.013	3583.373	980154.990	-149.889	205.258	-74.427	-19.058	665.125
390934.7	5402752.6	4026	3909	-0.011	3582.604	980154.221	-150.596	206.355	-74.825	-19.066	668.681
392928.7	5404170.5	4041	3929	-0.008	3573.739	980145.356	-158.339	218.359	-79.178	-19.158	707.578
392221.4	5407723.7	4076	3922	-0.054	3577.428	980149.045	-151.768	209.890	-76.107	-17.985	680.136

D74

395570.1	5403530.8	0	301	+0.000	4116.717	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.402	4116.717	980141.960	-162.283	222.590	-80.712	-20.405	721.291
392866.5	5402049.4	1120	1	-0.196	4121.067	980146.310	-159.099	218.191	-79.117	-20.025	707.035
392855.8	5402149.7	1120	2	-0.199	4120.744	980145.987	-159.341	218.342	-79.172	-20.170	707.525
389722.2	5401174.4	4011	3897	-0.336	4133.173	980158.416	-147.662	204.976	-74.325	-17.011	664.214

389626.6	5401168.7	4011	3896	-0.346	4133.149	980158.392	-147.690	204.841	-74.276	-17.125	663.774
389794.3	5401177.9	4011	3898	-0.324	4133.241	980158.484	-147.592	204.968	-74.322	-16.946	664.187
389132.9	5401675.1	4016	3891	-0.261	4130.885	980156.128	-149.538	205.914	-74.665	-18.289	667.252
389229.2	5401667.5	4016	3892	-0.268	4130.730	980155.973	-149.700	206.420	-74.849	-18.129	668.893
389328.7	5401670.7	4016	3893	-0.273	4127.439	980152.682	-152.990	210.967	-76.498	-18.520	683.627
389427.0	5401668.2	4016	3894	-0.277	4126.371	980151.614	-154.061	213.100	-77.271	-18.232	690.537
389535.2	5401663.6	4016	3895	-0.283	4128.990	980154.233	-151.447	209.369	-75.918	-17.996	678.448
389624.1	5401668.8	4016	3896	-0.291	4130.992	980156.235	-149.442	206.741	-74.965	-17.666	669.932
389728.6	5401668.9	4016	3897	-0.297	4131.709	980156.952	-148.727	205.557	-74.536	-17.706	666.094
389826.6	5401669.3	4016	3898	-0.302	4131.834	980157.077	-148.602	205.239	-74.421	-17.784	665.066
389130.0	5402172.7	4021	3891	-0.165	4130.027	980155.270	-149.994	206.620	-74.921	-18.295	669.541
389230.6	5402173.6	4021	3892	-0.159	4129.709	980154.952	-150.312	207.010	-75.063	-18.365	670.803
389329.1	5402170.7	4021	3893	-0.155	4130.618	980155.861	-149.407	205.694	-74.586	-18.298	666.540
389428.6	5402170.6	4021	3894	-0.151	4130.512	980155.755	-149.514	206.079	-74.725	-18.160	667.788
389530.9	5402172.4	4021	3895	-0.147	4129.380	980154.623	-150.646	207.679	-75.305	-18.272	672.971
389631.6	5402171.0	4021	3896	-0.144	4127.891	980153.134	-152.137	209.557	-75.986	-18.567	679.056
389719.8	5402181.7	4021	3897	-0.135	4128.040	980153.283	-151.981	209.471	-75.955	-18.465	678.777
394038.2	5401816.9	4021	3940	-0.382	4120.904	980146.147	-159.464	218.411	-79.197	-20.250	707.749
394139.3	5401818.7	4021	3941	-0.389	4121.962	980147.205	-158.406	216.870	-78.638	-20.174	702.754
389429.5	5402673.2	4026	3894	-0.092	4127.434	980152.677	-152.186	210.276	-76.247	-18.157	681.386
389531.3	5402669.5	4026	3895	-0.096	4127.156	980152.399	-152.468	210.555	-76.348	-18.261	682.292
389631.5	5402670.2	4026	3896	-0.103	4126.719	980151.962	-152.905	211.014	-76.515	-18.406	683.779
389731.0	5402666.1	4026	3897	-0.107	4126.492	980151.735	-153.137	211.085	-76.540	-18.593	684.007
389830.5	5402674.6	4026	3898	-0.111	4126.333	980151.576	-153.290	211.267	-76.606	-18.630	684.598
389927.0	5402669.0	4026	3899	-0.114	4126.014	980151.257	-153.615	212.052	-76.891	-18.454	687.141
390028.8	5402668.8	4026	3900	-0.117	4127.953	980153.196	-151.678	208.930	-75.759	-18.507	677.025
390123.4	5402667.9	4026	3901	-0.121	4129.578	980154.821	-150.054	206.535	-74.890	-18.410	669.263

D75

395570.1	5403530.8	0	301	+0.000	3570.494	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.494	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.042	3570.494	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.536	980141.960	-162.283	222.590	-80.712	-20.405	721.291
401174.0	5401597.9	1000	26	-0.036	3569.816	980141.282	-164.588	213.290	-77.340	-28.638	691.154
389225.1	5400177.1	4001	3892	-0.018	3587.025	980158.491	-148.388	205.166	-74.394	-17.616	664.828
389322.6	5400173.0	4001	3893	-0.018	3586.731	980158.197	-148.686	205.346	-74.459	-17.800	665.411
389420.7	5400154.5	4001	3894	-0.017	3586.636	980158.102	-148.797	205.380	-74.472	-17.889	665.521
389536.8	5400169.5	4001	3895	-0.017	3586.737	980158.203	-148.686	205.351	-74.461	-17.796	665.427
389632.2	5400173.9	4001	3896	-0.016	3586.908	980158.374	-148.512	205.468	-74.503	-17.548	665.806
389121.6	5400673.3	4006	3891	-0.010	3586.727	980158.193	-148.283	205.203	-74.408	-17.487	664.949
389231.0	5400671.8	4006	3892	-0.011	3586.648	980158.114	-148.364	205.006	-74.336	-17.694	664.310
389318.4	5400663.7	4006	3893	-0.011	3586.786	980158.252	-148.234	205.013	-74.339	-17.560	664.333
389423.7	5400663.8	4006	3894	-0.012	3586.868	980158.334	-148.153	205.029	-74.344	-17.469	664.385
389522.3	5400662.0	4006	3895	-0.012	3586.999	980158.465	-148.025	205.009	-74.337	-17.354	664.318
389628.5	5400662.7	4006	3896	-0.013	3587.143	980158.609	-147.882	205.038	-74.348	-17.191	664.415
389725.9	5400671.4	4006	3897	-0.013	3587.326	980158.792	-147.693	205.078	-74.362	-16.977	664.543
389825.7	5400667.7	4006	3898	-0.014	3587.382	980158.848	-147.641	205.339	-74.457	-16.759	665.388
389134.8	5401175.2	4011	3891	-0.009	3586.021	980157.487	-148.583	205.025	-74.343	-17.901	664.370
389238.2	5401173.4	4011	3892	-0.008	3586.387	980157.853	-148.220	204.853	-74.281	-17.647	663.814
389336.6	5401180.2	4011	3893	-0.008	3586.395	980157.861	-148.208	204.965	-74.321	-17.564	664.176
389437.0	5401174.3	4011	3894	-0.007	3586.356	980157.822	-148.253	204.981	-74.327	-17.598	664.229
389526.4	5401171.4	4011	3895	-0.006	3586.540	980158.006	-148.072	204.966	-74.322	-17.428	664.180
389940.5	5401164.7	4011	3899	-0.004	3585.697	980157.163	-148.926	206.988	-75.055	-16.992	670.732
392729.8	5400859.0	4011	3927	-0.028	3577.496	980148.962	-157.408	215.331	-78.080	-20.157	697.767
392048.3	5403139.1	4031	3920	-0.033	3580.447	980151.913	-152.605	209.245	-75.873	-19.233	678.047
392137.2	5403202.5	4031	3921	-0.032	3580.195	980151.661	-152.807	209.388	-75.925	-19.344	678.508
392231.1	5403089.8	4031	3922	-0.031	3580.663	980152.129	-152.431	208.753	-75.695	-19.373	676.453
392335.0	5403106.9	4031	3923	-0.030	3580.904	980152.370	-152.177	208.196	-75.493	-19.474	674.647
392434.0	5403025.7	4031	3924	-0.030	3579.659	980151.125	-153.489	209.853	-76.093	-19.730	680.015
392528.2	5403001.3	4031	3925	-0.030	3579.470	980150.936	-153.699	210.283	-76.249	-19.666	681.409
392634.5	5402916.4	4031	3926	-0.029	3578.882	980150.348	-154.357	211.235	-76.595	-19.717	684.494
392731.7	5402892.5	4031	3927	-0.029	3578.025	980149.491	-155.235	212.499	-77.053	-19.789	688.589

D75

395570.1	5403530.8	0	301	+0.000	4117.670	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.496	4117.670	980141.960	-162.283	222.590	-80.712	-20.405	721.291
392866.4	5402049.3	1120	1	-0.478	4122.033	980146.323	-159.086	218.195	-79.118	-20.010	707.047
392855.9	5402149.7	1120	2	-0.484	4121.696	980145.986	-159.342	218.351	-79.175	-20.166	707.552
388856.5	5399776.4	1130	1	-0.095	4132.605	980156.895	-150.303	206.374	-74.832	-18.761	668.744
388948.5	5399735.9	1130	2	-0.113	4132.547	980156.837	-150.395	206.240	-74.783	-18.938	668.308

389022.1	5399665.9	1130	3	-0.122	4132.467	980156.757	-150.532	206.357	-74.826	-19.001	668.687
389089.9	5399588.1	1130	4	-0.128	4132.383	980156.673	-150.680	206.807	-74.989	-18.862	670.145
389156.5	5399509.2	1130	5	-0.132	4131.918	980156.208	-151.210	207.551	-75.259	-18.918	672.556
389222.4	5399432.6	1130	6	-0.136	4131.757	980156.047	-151.434	208.284	-75.525	-18.674	674.932
389282.8	5399351.9	1130	7	-0.141	4131.084	980155.374	-152.173	209.244	-75.873	-18.801	678.044
389357.8	5399286.7	1130	8	-0.144	4131.197	980155.487	-152.113	209.166	-75.844	-18.792	677.789
389464.4	5399288.1	1130	9	-0.149	4131.385	980155.675	-151.925	208.757	-75.696	-18.864	676.466
389553.7	5399331.6	1130	10	-0.154	4131.688	980155.978	-151.588	208.461	-75.589	-18.716	675.505
389649.0	5399373.5	1130	11	-0.158	4132.233	980156.523	-151.011	207.686	-75.308	-18.632	672.995
389732.6	5399436.6	1130	12	-0.162	4132.575	980156.865	-150.619	207.120	-75.103	-18.601	671.161
389814.5	5399486.4	1130	13	-0.165	4132.618	980156.908	-150.537	206.856	-75.007	-18.687	670.306
389915.1	5399519.0	1130	14	-0.170	4132.350	980156.640	-150.779	206.877	-75.015	-18.917	670.373
390009.9	5399552.4	1130	15	-0.174	4131.786	980156.076	-151.317	208.051	-75.440	-18.707	674.177
390104.1	5399581.2	1130	16	-0.179	4130.995	980155.285	-152.086	208.933	-75.760	-18.913	677.036
390228.4	5399550.0	1130	17	-0.182	4130.651	980154.941	-152.457	209.879	-76.103	-18.681	680.102
393131.4	5398845.2	1140	40	-0.281	4124.230	980148.520	-159.483	219.106	-79.449	-19.826	710.001
393229.4	5398865.4	1140	41	-0.290	4124.765	980149.055	-158.933	218.410	-79.197	-19.719	707.746
393325.2	5398886.2	1140	42	-0.298	4125.131	980149.421	-158.551	217.666	-78.927	-19.812	705.333
393423.0	5398906.8	1140	43	-0.308	4125.306	980149.596	-158.361	217.362	-78.816	-19.815	704.349
393522.5	5398920.2	1140	44	-0.313	4125.166	980149.456	-158.491	218.104	-79.085	-19.473	706.752
393723.4	5398921.0	1140	46	-0.326	4124.741	980149.031	-158.918	219.209	-79.486	-19.195	710.335
393820.5	5398902.9	1140	47	-0.330	4124.609	980148.899	-159.066	219.332	-79.531	-19.265	710.733
393921.3	5398876.7	1140	48	-0.336	4125.377	980149.667	-158.321	219.006	-79.412	-18.727	709.675
394018.4	5398849.2	1140	49	-0.341	4126.330	980150.620	-157.391	217.527	-78.876	-18.740	704.883
394115.8	5398820.2	1140	50	-0.345	4127.477	980151.767	-156.268	215.698	-78.213	-18.783	698.958
394209.6	5398792.8	1140	51	-0.349	4127.757	980152.047	-156.012	215.169	-78.021	-18.864	697.242
394306.9	5398761.8	1140	52	-0.355	4127.079	980151.369	-156.716	216.000	-78.322	-19.039	699.934
394399.8	5398733.9	1140	53	-0.359	4127.239	980151.529	-156.579	216.047	-78.340	-18.872	700.089
394496.9	5398699.6	1140	54	-0.363	4127.880	980152.170	-155.968	215.027	-77.970	-18.911	696.781
394594.0	5398682.5	1140	55	-0.370	4128.560	980152.850	-155.302	213.474	-77.407	-19.235	691.751
394693.1	5398675.7	1140	56	-0.383	4129.376	980153.666	-154.493	212.005	-76.874	-19.362	686.990
394796.8	5398677.8	1140	57	-0.390	4129.964	980154.254	-153.905	210.617	-76.371	-19.658	682.491
394894.8	5398691.5	1140	58	-0.397	4130.198	980154.488	-153.661	210.756	-76.421	-19.326	682.941
394993.4	5398714.5	1140	59	-0.403	4129.531	980153.821	-154.310	211.733	-76.775	-19.352	686.108
395086.8	5398739.2	1140	60	-0.410	4129.234	980153.524	-154.588	211.684	-76.758	-19.662	685.950
395184.0	5398767.6	1140	61	-0.416	4129.710	980154.000	-154.091	210.692	-76.398	-19.797	682.734
395278.2	5398793.3	1140	62	-0.426	4130.212	980154.502	-153.569	209.686	-76.033	-19.916	679.474
395388.6	5398825.2	1140	63	-0.438	4129.653	980153.943	-154.103	210.505	-76.330	-19.929	682.128
395471.7	5398848.2	1140	64	-0.444	4128.905	980153.195	-154.834	211.392	-76.652	-20.093	685.004
395588.3	5398880.3	1140	65	-0.452	4128.196	980152.486	-155.518	211.781	-76.793	-20.530	686.264
389329.0	5402170.4	4021	3893	-0.066	4131.553	980155.843	-149.425	205.700	-74.588	-18.313	666.559

D76

395570.1	5403530.8	0	301	+0.000	3570.644	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.644	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.032	3570.644	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.676	980141.960	-162.283	222.590	-80.712	-20.405	721.291
392925.6	5398974.1	1160	5	-0.006	3577.519	980148.835	-159.062	217.180	-78.750	-20.632	703.758
392849.3	5399037.1	1160	6	-0.007	3577.428	980148.744	-159.101	218.194	-79.118	-20.025	707.044
392770.6	5399101.8	1160	7	-0.007	3576.946	980148.262	-159.530	218.958	-79.395	-19.967	709.521
392695.1	5399165.9	1160	8	-0.008	3576.188	980147.504	-160.235	219.512	-79.596	-20.319	711.316
392617.1	5399231.3	1160	9	-0.008	3576.160	980147.476	-160.209	219.846	-79.717	-20.080	712.398
392537.6	5399290.9	1160	10	-0.009	3575.975	980147.291	-160.345	220.011	-79.777	-20.111	712.931
392457.3	5399346.5	1160	11	-0.009	3575.725	980147.041	-160.549	220.125	-79.818	-20.242	713.303
392374.7	5399403.9	1160	12	-0.010	3575.159	980146.475	-161.068	220.281	-79.875	-20.661	713.809
392293.3	5399460.6	1160	13	-0.010	3575.381	980146.697	-160.799	220.480	-79.947	-20.266	714.452
392211.6	5399521.5	1160	14	-0.011	3574.865	980146.181	-161.264	220.527	-79.964	-20.701	714.604
392136.0	5399586.8	1160	15	-0.011	3574.582	980145.898	-161.493	220.623	-79.999	-20.869	714.917
392062.3	5399650.4	1160	16	-0.012	3574.827	980146.143	-161.196	220.836	-80.076	-20.436	715.606
391987.5	5399714.8	1160	17	-0.012	3574.408	980145.724	-161.562	220.980	-80.128	-20.711	716.071
391907.6	5399783.6	1160	18	-0.013	3574.068	980145.384	-161.846	221.240	-80.222	-20.829	716.914
391830.8	5399849.6	1160	19	-0.013	3574.000	980145.316	-161.859	221.385	-80.275	-20.749	717.385
391754.1	5399915.9	1160	20	-0.015	3574.495	980145.811	-161.310	221.385	-80.275	-20.200	717.385
391680.6	5399979.1	1160	21	-0.015	3574.418	980145.734	-161.335	221.125	-80.181	-20.390	716.544
391604.0	5400045.0	1160	22	-0.016	3574.729	980146.045	-160.970	220.694	-80.025	-20.300	715.145
391531.7	5400107.2	1160	23	-0.016	3575.508	980146.824	-160.140	220.051	-79.791	-19.880	713.062
391452.6	5400175.5	1160	24	-0.017	3575.811	980147.127	-159.780	219.244	-79.499	-20.035	710.447
391376.4	5400240.8	1160	25	-0.017	3576.553	980147.869	-158.985	218.517	-79.235	-19.703	708.091
391297.5	5400302.4	1160	26	-0.018	3577.148	980148.464	-158.339	217.776	-78.967	-19.529	705.691

391214.5	5400359.6	1160	27	-0.019	3577.758	980149.074	-157.682	216.966	-78.673	-19.389	703.064
391120.9	5400404.2	1160	28	-0.019	3578.449	980149.765	-156.953	216.151	-78.377	-19.179	700.426
391045.5	5400469.5	1160	29	-0.020	3578.976	980150.292	-156.372	215.413	-78.110	-19.069	698.033
390992.0	5400561.7	1160	30	-0.020	3579.706	980151.022	-155.567	214.556	-77.799	-18.810	695.256
390927.6	5400640.1	1160	31	-0.021	3580.346	980151.662	-154.863	213.709	-77.492	-18.646	692.512
390850.5	5400707.0	1160	32	-0.022	3580.952	980152.268	-154.202	212.965	-77.222	-18.459	690.101
390772.9	5400774.0	1160	33	-0.022	3581.546	980152.862	-153.553	212.191	-76.941	-18.303	687.593
390696.7	5400839.5	1160	34	-0.023	3582.149	980153.465	-152.896	211.427	-76.664	-18.133	685.117
390622.2	5400904.1	1160	35	-0.023	3582.751	980154.067	-152.241	210.615	-76.370	-17.995	682.487
390547.0	5400969.0	1160	36	-0.024	3583.425	980154.741	-151.513	209.849	-76.092	-17.756	680.004
390472.7	5401033.3	1160	37	-0.025	3584.013	980155.329	-150.873	209.165	-75.844	-17.552	677.788
390398.1	5401097.7	1160	38	-0.025	3584.617	980155.933	-150.216	208.551	-75.621	-17.286	675.797
390321.2	5401164.2	1160	39	-0.026	3585.287	980156.603	-149.491	207.994	-75.420	-16.916	673.992
390247.4	5401227.7	1160	40	-0.026	3585.449	980156.765	-149.277	207.588	-75.272	-16.961	672.675
390172.8	5401292.0	1160	41	-0.027	3585.681	980156.997	-148.992	207.170	-75.121	-16.942	671.321
390096.1	5401358.3	1160	42	-0.028	3585.508	980156.824	-149.110	206.864	-75.010	-17.256	670.331
390020.3	5401427.1	1160	43	-0.028	3585.178	980156.494	-149.384	206.669	-74.939	-17.654	669.698
389947.9	5401495.3	1160	44	-0.029	3585.134	980156.450	-149.371	206.467	-74.866	-17.770	669.045
389875.1	5401564.4	1160	45	-0.029	3585.045	980156.361	-149.404	206.294	-74.803	-17.913	668.483
392531.5	5400833.1	4011	3925	-0.002	3577.958	980149.274	-157.114	215.003	-77.961	-20.072	696.705
392625.1	5400845.2	4011	3926	-0.001	3577.804	980149.120	-157.260	214.744	-77.867	-20.383	695.864

D76

395570.1	5403530.8	0	301	+0.000	4118.908	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.385	4118.908	980141.960	-162.283	222.590	-80.712	-20.405	721.291
389022.1	5399665.7	1130	3	-0.363	4133.738	980156.790	-150.500	206.363	-74.828	-18.965	668.706
394693.0	5398675.6	1140	56	-0.032	4130.571	980153.623	-154.536	212.010	-76.876	-19.402	687.005
395471.9	5398848.4	1140	64	-0.057	4130.107	980153.159	-154.870	211.392	-76.652	-20.129	685.004
395665.9	5398902.4	1140	66	-0.070	4128.676	980151.728	-156.259	212.423	-77.025	-20.862	688.344
395764.8	5398926.6	1140	67	-0.076	4127.394	980150.446	-157.523	214.225	-77.679	-20.977	694.182
395856.1	5398964.3	1140	68	-0.083	4125.797	980148.849	-159.090	216.431	-78.479	-21.138	701.333
395951.4	5398991.4	1140	69	-0.089	4125.125	980148.177	-159.742	217.557	-78.887	-21.072	704.982
396034.0	5399005.2	1140	70	-0.095	4124.843	980147.895	-160.013	217.826	-78.985	-21.172	705.851
396148.6	5399034.0	1140	71	-0.102	4124.733	980147.785	-160.101	217.323	-78.802	-21.581	704.223
396246.2	5399060.8	1140	72	-0.108	4124.605	980147.657	-160.209	217.634	-78.915	-21.490	705.231
396341.6	5399086.6	1140	73	-0.114	4124.794	980147.846	-160.000	217.740	-78.954	-21.213	705.575
396446.4	5399078.3	1140	74	-0.121	4125.529	980148.581	-159.273	216.520	-78.511	-21.264	701.621
396543.4	5399047.9	1140	75	-0.127	4125.715	980148.767	-159.113	215.902	-78.287	-21.498	699.617
396634.7	5399001.4	1140	76	-0.133	4125.846	980148.898	-159.020	215.639	-78.192	-21.573	698.767
396718.8	5398946.0	1140	77	-0.139	4125.626	980148.678	-159.286	216.122	-78.367	-21.531	700.332
396811.7	5398914.5	1140	78	-0.145	4125.293	980148.345	-159.646	216.539	-78.518	-21.625	701.681
396913.3	5398910.2	1140	79	-0.151	4125.160	980148.212	-159.783	216.118	-78.365	-22.031	700.317
397013.1	5398940.7	1140	80	-0.158	4124.982	980148.034	-159.938	215.823	-78.258	-22.373	699.361
397094.1	5399004.7	1140	81	-0.164	4124.618	980147.670	-160.251	216.044	-78.339	-22.545	700.078
397179.2	5399069.7	1140	82	-0.170	4123.745	980146.797	-161.072	217.285	-78.788	-22.576	704.098
397250.4	5399124.4	1140	83	-0.177	4121.594	980144.646	-163.180	220.106	-79.812	-22.885	713.242
397340.3	5399185.6	1140	84	-0.183	4118.746	980141.798	-165.980	224.038	-81.237	-23.179	725.982
397430.8	5399219.6	1140	85	-0.189	4116.449	980139.501	-168.250	227.212	-82.388	-23.426	736.266
397533.5	5399244.1	1140	86	-0.196	4114.681	980137.733	-170.000	229.806	-83.329	-23.522	744.672
397629.9	5399253.0	1140	87	-0.213	4113.510	980136.562	-171.164	230.622	-83.625	-24.167	747.317
397727.0	5399273.8	1140	88	-0.219	4113.168	980136.220	-171.491	230.165	-83.459	-24.785	745.836
397822.8	5399310.5	1140	89	-0.225	4113.377	980136.429	-171.253	228.898	-82.999	-25.355	741.730
397910.8	5399361.7	1140	90	-0.231	4114.545	980137.597	-170.045	226.329	-82.068	-25.783	733.407
397992.1	5399421.6	1140	91	-0.238	4115.982	980139.034	-168.560	223.847	-81.168	-25.881	725.364
398074.1	5399472.0	1140	92	-0.244	4116.210	980139.262	-168.293	222.230	-80.581	-26.644	720.122
398164.3	5399526.7	1140	93	-0.250	4116.019	980139.071	-168.440	221.847	-80.443	-27.036	718.883
398254.6	5399568.6	1140	94	-0.256	4115.300	980138.352	-169.126	221.963	-80.485	-27.648	719.259
398358.8	5399588.2	1140	95	-0.262	4114.844	980137.896	-169.568	222.326	-80.616	-27.858	720.434
398458.2	5399596.3	1140	96	-0.268	4114.008	980137.060	-170.398	222.849	-80.806	-28.355	722.129
398559.7	5399597.1	1140	97	-0.274	4113.881	980136.933	-170.526	223.467	-81.030	-28.089	724.130
398658.3	5399593.8	1140	98	-0.281	4113.652	980136.704	-170.758	223.788	-81.147	-28.117	725.172
398763.4	5399602.5	1140	99	-0.287	4113.733	980136.785	-170.672	223.496	-81.041	-28.216	724.226
398860.0	5399600.8	1140	100	-0.292	4114.778	980137.830	-169.629	222.097	-80.533	-28.066	719.691
398961.2	5399599.5	1140	101	-0.300	4115.401	980138.453	-169.008	220.899	-80.099	-28.208	715.809

D77

395570.1	5403530.8	0	301	+0.000	3570.772	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.772	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.013	3570.772	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.785	980141.960	-162.283	222.590	-80.712	-20.405	721.291

395147.1	5398627.3	1170	1	-0.002	3582.274	980153.462	-154.742	211.404	-76.656	-19.994	685.043
395224.7	5398550.1	1170	2	-0.003	3583.758	980154.946	-153.321	209.101	-75.821	-20.040	677.581
395252.2	5398455.1	1170	3	-0.003	3584.748	980155.936	-152.408	207.821	-75.357	-19.944	673.432
395202.3	5398333.9	1170	4	-0.003	3582.854	980154.042	-154.399	211.006	-76.512	-19.905	683.752
395237.6	5398229.2	1170	5	-0.003	3580.693	980151.881	-156.645	214.216	-77.676	-20.105	694.154
395335.6	5398160.0	1170	6	-0.004	3578.535	980149.723	-158.861	217.416	-78.836	-20.281	704.523
395365.3	5398253.9	1170	7	-0.004	3578.616	980149.804	-158.704	217.071	-78.711	-20.344	703.405
395435.8	5398332.4	1170	8	-0.004	3579.069	980150.257	-158.189	216.137	-78.372	-20.424	700.380
395559.5	5398356.8	1170	9	-0.005	3580.074	980151.262	-157.165	214.492	-77.776	-20.449	695.049
395678.8	5398367.5	1170	10	-0.005	3579.899	980151.087	-157.333	214.420	-77.750	-20.662	694.816
395772.3	5398410.7	1170	11	-0.005	3578.341	980149.529	-158.857	215.873	-78.277	-21.260	699.524
395866.7	5398445.0	1170	12	-0.005	3578.094	980149.282	-159.077	216.243	-78.411	-21.245	700.722
395960.1	5398474.2	1170	13	-0.006	3577.037	980148.225	-160.112	217.897	-79.010	-21.225	706.082
396059.2	5398507.1	1170	14	-0.006	3577.456	980148.644	-159.667	217.087	-78.717	-21.297	703.459
396154.5	5398536.3	1170	15	-0.006	3575.433	980146.621	-161.668	219.781	-79.694	-21.580	712.188
396231.3	5398611.6	1170	16	-0.006	3577.322	980148.510	-159.719	217.020	-78.692	-21.391	703.241
396344.2	5398594.2	1170	17	-0.007	3579.362	980150.550	-157.694	213.866	-77.549	-21.377	693.019
396450.3	5398602.6	1170	18	-0.007	3578.227	980149.415	-158.824	215.174	-78.023	-21.672	697.260
396538.0	5398648.6	1170	19	-0.007	3577.338	980148.526	-159.677	216.184	-78.389	-21.882	700.533
396597.8	5398764.2	1170	20	-0.008	3578.002	980149.190	-158.920	215.423	-78.113	-21.610	698.065
396664.7	5398850.0	1170	21	-0.008	3578.353	980149.541	-158.500	214.809	-77.891	-21.582	696.075
396504.0	5396316.4	1180	1	-0.008	3567.984	980139.172	-170.916	228.329	-82.793	-25.380	739.888
396464.6	5396412.3	1180	2	-0.009	3567.815	980139.003	-171.007	229.175	-83.100	-24.932	742.629
396452.9	5396510.1	1180	3	-0.009	3569.805	980140.993	-168.938	226.874	-82.265	-24.330	735.171
396430.9	5396611.2	1180	4	-0.010	3569.204	980140.392	-169.457	228.065	-82.697	-24.090	739.030
396415.9	5396702.6	1180	5	-0.011	3570.393	980141.581	-168.194	226.628	-82.176	-23.742	734.374
396395.8	5396808.2	1180	6	-0.011	3570.019	980141.207	-168.482	227.511	-82.496	-23.468	737.235
396376.3	5396904.2	1180	7	-0.012	3569.818	980141.006	-168.606	227.900	-82.638	-23.343	738.497
396360.4	5396999.6	1180	8	-0.012	3571.894	980143.082	-166.452	225.402	-81.732	-22.782	730.402
392425.6	5400853.4	4011	3924	-0.012	3577.746	980148.934	-157.437	215.138	-78.010	-20.309	697.143
392634.4	5402916.5	4031	3926	-0.001	3579.144	980150.332	-154.373	211.259	-76.603	-19.718	684.572
392731.4	5402892.5	4031	3927	-0.001	3578.297	980149.485	-155.241	212.513	-77.058	-19.786	688.635

D77

395570.1	5403530.8	0	301	+0.000	4120.042	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.008	4120.042	980141.960	-162.283	222.590	-80.712	-20.405	721.291
397429.6	5399222.1	1140	85	-0.001	4117.479	980139.397	-168.352	227.423	-82.465	-23.394	736.951
398658.4	5399593.8	1140	98	-0.001	4114.826	980136.744	-170.719	223.777	-81.142	-28.084	725.135
399065.1	5399597.8	1140	102	-0.002	4115.703	980137.621	-169.843	222.297	-80.606	-28.152	720.339
399160.0	5399596.6	1140	103	-0.002	4114.193	980136.111	-171.355	224.440	-81.383	-28.298	727.284
399358.2	5399593.8	1140	105	-0.002	4112.648	980134.566	-172.905	226.407	-82.096	-28.594	733.659
399456.9	5399592.7	1140	106	-0.003	4112.558	980134.476	-172.996	226.527	-82.140	-28.609	734.047
399558.8	5399597.4	1140	107	-0.003	4112.771	980134.689	-172.781	226.208	-82.024	-28.597	733.013
399657.1	5399611.9	1140	108	-0.003	4113.034	980134.952	-172.507	225.700	-81.840	-28.647	731.367
399756.5	5399637.2	1140	109	-0.003	4112.969	980134.887	-172.553	225.853	-81.895	-28.595	731.863
399852.1	5399671.3	1140	110	-0.003	4112.711	980134.629	-172.784	226.386	-82.089	-28.487	733.591
399943.5	5399707.5	1140	111	-0.004	4112.362	980134.280	-173.105	226.809	-82.242	-28.538	734.962
400036.8	5399744.5	1140	112	-0.004	4112.160	980134.078	-173.278	227.077	-82.339	-28.540	735.831
400130.7	5399781.4	1140	113	-0.004	4112.445	980134.363	-172.964	227.023	-82.320	-28.261	735.655
400223.2	5399818.4	1140	114	-0.004	4112.761	980134.679	-172.620	226.716	-82.208	-28.112	734.660
400317.5	5399855.6	1140	115	-0.004	4112.692	980134.610	-172.659	226.902	-82.276	-28.033	735.262
400411.7	5399891.8	1140	116	-0.005	4112.085	980134.003	-173.238	227.987	-82.669	-27.921	738.777
400507.8	5399922.7	1140	117	-0.005	4111.626	980133.544	-173.673	228.559	-82.876	-27.991	740.631
400607.0	5399947.1	1140	118	-0.005	4111.488	980133.406	-173.793	228.301	-82.783	-28.275	739.797
400703.9	5399965.4	1140	119	-0.006	4111.975	980133.893	-173.292	227.392	-82.453	-28.354	736.849
400802.2	5399982.8	1140	120	-0.006	4112.902	980134.820	-172.352	225.540	-81.782	-28.594	730.850
400898.9	5399999.9	1140	121	-0.006	4113.883	980135.801	-171.359	224.242	-81.311	-28.428	726.643
401003.5	5400009.8	1140	122	-0.006	4113.626	980135.544	-171.608	224.616	-81.447	-28.439	727.854
401098.5	5400035.1	1140	123	-0.007	4113.042	980134.960	-172.173	225.450	-81.749	-28.472	730.556

D78

395570.1	5403530.8	0	301	+0.000	3570.869	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.869	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.023	3570.869	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.892	980141.960	-162.283	222.590	-80.712	-20.405	721.291
399292.5	5400233.3	1040	38	-0.012	3566.208	980137.299	-169.654	221.205	-80.210	-28.658	716.803
399393.4	5399272.9	1040	28	-0.020	3561.245	980132.336	-175.394	229.844	-83.343	-28.892	744.797
399356.5	5399368.9	1040	29	-0.019	3561.863	980132.954	-174.698	229.185	-83.103	-28.617	742.660
399332.3	5399437.5	1040	30	-0.018	3562.555	980133.646	-173.951	228.190	-82.743	-28.503	739.436
399294.5	5399534.8	1040	31	-0.017	3563.298	980134.389	-173.129	226.774	-82.229	-28.584	734.848

399278.6	5399619.2	1040	32	-0.015	3564.131	980135.222	-172.227	225.511	-81.771	-28.487	730.754
399298.5	5399732.0	1040	33	-0.015	3565.225	980136.316	-171.042	223.834	-81.163	-28.371	725.320
399315.6	5399835.0	1040	34	-0.014	3565.629	980136.720	-170.555	222.900	-80.824	-28.480	722.294
399352.3	5399938.1	1040	35	-0.014	3565.924	980137.015	-170.177	222.306	-80.609	-28.480	720.368
399341.6	5400033.0	1040	36	-0.013	3566.447	980137.538	-169.577	221.389	-80.277	-28.464	717.399
399302.5	5400128.5	1040	37	-0.013	3566.179	980137.270	-169.768	221.475	-80.308	-28.600	717.678
395147.1	5398627.1	1170	1	-0.021	3582.397	980153.488	-154.716	211.397	-76.653	-19.972	685.018
396396.0	5396808.5	1180	6	-0.010	3570.123	980141.214	-168.475	227.500	-82.492	-23.468	737.199
396360.2	5396999.4	1180	8	-0.002	3571.986	980143.077	-166.457	225.357	-81.716	-22.816	730.257
396342.4	5397098.4	1180	9	-0.003	3572.278	980143.369	-166.085	224.848	-81.531	-22.768	728.605
396324.1	5397197.4	1180	10	-0.003	3572.997	980144.088	-165.286	223.942	-81.202	-22.546	725.671
396306.0	5397297.5	1180	11	-0.004	3571.669	980142.760	-166.533	225.900	-81.912	-22.545	732.014
396290.6	5397394.4	1180	12	-0.004	3570.359	980141.450	-167.764	227.823	-82.610	-22.551	738.247
396273.5	5397488.0	1180	13	-0.005	3570.212	980141.303	-167.835	227.919	-82.645	-22.560	738.559
396257.1	5397592.6	1180	14	-0.005	3570.714	980141.805	-167.248	227.537	-82.506	-22.217	737.321
396243.5	5397690.9	1180	15	-0.006	3571.546	980142.637	-166.337	226.200	-82.021	-22.157	732.989
396228.2	5397784.8	1180	16	-0.006	3572.631	980143.722	-165.176	224.375	-81.359	-22.160	727.073
396209.1	5397886.4	1180	17	-0.007	3574.301	980145.392	-163.423	222.192	-80.568	-21.799	720.001
396193.0	5397986.7	1180	18	-0.007	3574.918	980146.009	-162.725	221.275	-80.235	-21.686	717.027
396175.3	5398088.3	1180	19	-0.008	3574.729	980145.820	-162.832	221.547	-80.334	-21.618	717.910
396160.5	5398176.5	1180	20	-0.008	3574.467	980145.558	-163.022	221.835	-80.438	-21.625	718.844
396143.6	5398276.6	1180	21	-0.009	3574.286	980145.377	-163.122	221.984	-80.492	-21.630	719.325
396127.1	5398377.1	1180	22	-0.009	3575.818	980146.909	-161.509	219.620	-79.635	-21.524	711.664
396111.1	5398474.6	1180	23	-0.010	3576.377	980147.468	-160.870	218.759	-79.323	-21.434	708.875

D78

395570.1	5403530.8	0	301	+0.000	4120.856	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.530	4120.856	980141.960	-162.283	222.590	-80.712	-20.405	721.291
399326.5	5400434.7	1040	40	-0.052	4115.969	980137.073	-169.717	221.986	-80.493	-28.224	719.333
395051.9	5398755.0	1110	1	-0.496	4132.248	980153.352	-154.747	211.915	-76.841	-19.674	686.697
398599.4	5399624.3	1190	1	-0.077	4115.659	980136.763	-170.674	223.776	-81.142	-28.041	725.133
398555.4	5399715.5	1190	2	-0.087	4114.968	980136.072	-171.291	225.226	-81.668	-27.733	729.833
398429.1	5399868.6	1190	4	-0.127	4113.425	980134.529	-172.709	227.959	-82.659	-27.409	738.688
398291.2	5400033.8	1190	6	-0.169	4111.257	980132.361	-174.742	232.811	-84.418	-26.349	754.411
398284.7	5400124.6	1190	7	-0.189	4112.078	980133.182	-173.847	232.075	-84.151	-25.923	752.025
398284.8	5400222.0	1190	8	-0.211	4112.699	980133.803	-173.147	231.437	-83.920	-25.630	749.959
398290.4	5400329.1	1190	9	-0.221	4113.116	980134.220	-172.644	230.901	-83.726	-25.468	748.221
398316.9	5400419.6	1190	10	-0.235	4113.188	980134.292	-172.499	231.005	-83.763	-25.257	748.557
398356.5	5400515.9	1190	11	-0.255	4113.955	980135.059	-171.654	229.967	-83.387	-25.074	745.195
398387.4	5400605.7	1190	12	-0.277	4115.285	980136.389	-170.252	228.458	-82.840	-24.634	740.303
398425.8	5400713.0	1190	13	-0.294	4115.614	980136.718	-169.837	228.188	-82.742	-24.391	739.431
398462.4	5400805.0	1190	14	-0.316	4115.512	980136.616	-169.865	228.390	-82.815	-24.290	740.084
398516.4	5400893.0	1190	15	-0.325	4115.738	980136.842	-169.568	227.790	-82.598	-24.376	738.141
398568.4	5400978.4	1190	16	-0.334	4116.011	980137.115	-169.227	226.938	-82.289	-24.577	735.380
398607.3	5401071.9	1190	17	-0.356	4117.068	980138.172	-168.095	225.276	-81.686	-24.505	729.993
398634.2	5401167.0	1190	18	-0.373	4119.312	980140.416	-165.774	222.585	-80.710	-23.899	721.274
398692.3	5401251.1	1190	19	-0.385	4120.957	980142.061	-164.062	220.034	-79.785	-23.813	713.006
398746.5	5401336.0	1190	20	-0.396	4121.696	980142.800	-163.255	218.415	-79.198	-24.038	707.760
398795.1	5401414.2	1190	21	-0.411	4122.313	980143.417	-162.575	217.321	-78.802	-24.056	704.216
398840.6	5401511.1	1190	22	-0.435	4122.909	980144.013	-161.901	215.894	-78.284	-24.291	699.592
398868.5	5401607.6	1190	23	-0.454	4123.214	980144.318	-161.518	215.027	-77.970	-24.461	696.783
398883.8	5401722.0	1190	24	-0.474	4123.339	980144.443	-161.301	214.495	-77.777	-24.583	695.058

D79

395570.1	5403530.8	0	301	+0.000	3570.977	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3570.977	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.035	3570.977	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.012	980141.960	-162.283	222.590	-80.712	-20.405	721.291
399115.4	5397794.4	1040	13	-0.024	3559.833	980130.816	-178.107	233.232	-84.571	-29.446	755.776
399145.3	5397897.5	1040	14	-0.023	3559.717	980130.700	-178.140	233.318	-84.602	-29.424	756.053
399196.6	5397988.9	1040	15	-0.022	3559.814	980130.797	-177.970	233.178	-84.551	-29.343	755.598
399256.0	5398086.9	1040	16	-0.021	3558.955	980129.938	-178.750	234.337	-84.972	-29.385	759.355
399313.9	5398178.3	1040	17	-0.019	3558.518	980129.501	-179.114	234.887	-85.171	-29.398	761.139
399372.5	5398270.4	1040	18	-0.018	3559.184	980130.167	-178.374	234.237	-84.935	-29.072	759.031
399422.7	5398365.0	1040	19	-0.017	3559.817	980130.800	-177.665	233.333	-84.607	-28.940	756.101
399480.0	5398467.8	1040	20	-0.016	3559.776	980130.759	-177.624	233.292	-84.593	-28.924	755.970
399550.2	5398573.3	1040	21	-0.015	3559.657	980130.640	-177.658	233.374	-84.622	-28.906	756.235
399588.4	5398656.1	1040	22	-0.014	3559.875	980130.858	-177.373	233.020	-84.494	-28.847	755.088
399564.0	5398757.2	1040	23	-0.012	3560.825	980131.808	-176.342	231.569	-83.968	-28.740	750.386
399530.0	5398862.4	1040	24	-0.011	3561.129	980132.112	-175.952	231.011	-83.765	-28.707	748.576

399502.3	5398959.5	1040	25	-0.008	3561.500	980132.483	-175.502	230.309	-83.511	-28.704	746.304
399470.4	5399055.2	1040	26	-0.007	3561.988	980132.971	-174.936	229.263	-83.132	-28.805	742.912
399439.9	5399149.3	1040	27	-0.006	3561.586	980132.569	-175.262	229.690	-83.287	-28.858	744.297
399393.5	5399272.8	1040	28	-0.005	3561.351	980132.334	-175.397	229.876	-83.354	-28.875	744.900
399294.4	5399534.8	1040	31	-0.029	3563.404	980134.387	-173.131	226.742	-82.218	-28.606	734.744
399352.0	5399937.8	1040	35	-0.003	3566.025	980137.008	-170.184	222.326	-80.616	-28.474	720.434
395202.3	5398334.0	1170	4	-0.033	3583.051	980154.034	-154.407	211.019	-76.516	-19.905	683.795
398637.6	5399483.4	1200	1	-0.029	3566.270	980137.253	-170.299	222.835	-80.801	-28.265	722.083
398638.0	5399384.2	1200	2	-0.030	3566.234	980137.217	-170.415	222.917	-80.831	-28.328	722.350
398638.1	5399286.0	1200	3	-0.031	3565.658	980136.641	-171.070	223.591	-81.075	-28.555	724.532
398634.6	5399174.2	1200	4	-0.032	3564.843	980135.826	-171.976	225.065	-81.609	-28.520	729.309

D79

395570.1	5403530.8	0	301	+0.000	4537.490	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4537.490	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.060	4537.490	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4537.550	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395052.1	5398755.0	1110	1	-0.005	4548.858	980153.328	-154.771	211.909	-76.839	-19.701	686.679
389022.4	5399666.0	1130	3	-0.053	4552.293	980156.763	-150.526	206.386	-74.836	-18.977	668.780
398358.6	5399587.8	1140	95	-0.007	4533.395	980137.865	-169.599	222.327	-80.617	-27.889	720.436
399261.4	5399596.1	1140	104	-0.009	4530.648	980135.118	-172.349	225.690	-81.836	-28.496	731.334
398883.8	5401722.0	1190	24	-0.011	4539.958	980144.428	-161.316	214.504	-77.780	-24.592	695.087
398637.8	5402532.2	1190	35	-0.047	4534.481	980138.951	-166.135	222.799	-80.788	-24.124	721.968
398627.3	5402635.2	1190	36	-0.046	4535.046	980139.516	-165.487	221.894	-80.460	-24.053	719.034
398582.2	5402729.5	1190	37	-0.045	4535.424	980139.894	-165.032	221.963	-80.485	-23.554	719.258
398494.4	5402776.3	1190	38	-0.042	4535.534	980140.004	-164.883	222.328	-80.617	-23.172	720.440
398407.0	5402834.4	1190	39	-0.041	4535.934	980140.404	-164.435	222.169	-80.560	-22.825	719.926
398338.9	5402896.8	1190	40	-0.038	4537.775	980142.245	-162.543	219.365	-79.543	-22.721	710.838
398261.9	5402970.0	1190	41	-0.036	4539.682	980144.152	-160.576	216.536	-78.517	-22.556	701.673
398231.3	5403071.0	1190	42	-0.035	4539.732	980144.202	-160.444	216.730	-78.587	-22.301	702.301
398258.5	5403169.9	1190	43	-0.034	4539.853	980144.323	-160.243	216.220	-78.402	-22.425	700.647
398285.6	5403266.8	1190	44	-0.033	4540.190	980144.660	-159.828	215.228	-78.043	-22.642	697.434
398318.1	5403360.7	1190	45	-0.032	4540.645	980145.115	-159.298	214.058	-77.618	-22.858	693.643
398349.7	5403457.0	1190	46	-0.030	4542.266	980146.736	-157.599	211.129	-76.556	-23.026	684.152
398380.2	5403549.8	1190	47	-0.029	4543.608	980148.078	-156.182	208.843	-75.727	-23.067	676.742
398412.0	5403644.2	1190	48	-0.028	4543.751	980148.221	-155.963	208.779	-75.704	-22.889	676.536
398445.2	5403742.7	1190	49	-0.026	4543.356	980147.826	-156.279	209.118	-75.827	-22.988	677.633
398477.5	5403837.2	1190	50	-0.025	4542.810	980147.280	-156.749	209.990	-76.143	-22.902	680.459
398512.1	5403931.2	1190	51	-0.024	4541.815	980146.285	-157.668	211.185	-76.577	-23.060	684.333
398550.0	5404023.7	1190	52	-0.023	4542.329	980146.799	-157.080	210.394	-76.290	-22.976	681.770
398596.9	5404114.2	1190	53	-0.022	4541.895	980146.365	-157.441	210.719	-76.408	-23.130	682.824
398639.4	5404199.9	1190	54	-0.021	4542.933	980147.403	-156.334	208.936	-75.761	-23.160	677.044
398650.8	5404299.9	1190	55	-0.019	4544.181	980148.651	-155.006	207.019	-75.066	-23.053	670.834
398681.4	5404392.4	1190	56	-0.018	4544.299	980148.769	-154.813	206.481	-74.871	-23.203	669.088
398713.1	5404489.6	1190	57	-0.017	4544.301	980148.771	-154.733	205.938	-74.674	-23.469	667.330
398744.9	5404589.3	1190	58	-0.015	4543.538	980148.008	-155.416	206.596	-74.913	-23.732	669.463
398776.0	5404685.3	1190	59	-0.014	4542.460	980146.930	-156.417	207.951	-75.404	-23.869	673.854
398808.0	5404780.8	1190	60	-0.013	4540.847	980145.317	-157.953	210.150	-76.201	-24.004	680.979

D80

395570.1	5403530.8	0	301	+0.000	3571.113	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.113	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.021	3571.113	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.134	980141.960	-162.283	222.590	-80.712	-20.405	721.291
399439.7	5399149.1	1040	27	-0.016	3561.718	980132.565	-175.266	229.664	-83.277	-28.879	744.214
399293.7	5399536.2	1040	31	-0.019	3563.571	980134.418	-173.098	226.695	-82.201	-28.604	734.593
398637.6	5399483.4	1200	1	-0.002	3566.397	980137.244	-170.307	222.850	-80.806	-28.264	722.133
398634.5	5399173.9	1200	4	-0.003	3564.992	980135.839	-171.963	224.996	-81.584	-28.552	729.085
398628.0	5399068.2	1200	5	-0.004	3564.543	980135.390	-172.497	225.908	-81.915	-28.504	732.042
398620.7	5398977.2	1200	6	-0.004	3564.279	980135.126	-172.835	226.565	-82.154	-28.423	734.171
398613.8	5398886.0	1200	7	-0.005	3564.106	980134.953	-173.081	227.005	-82.313	-28.390	735.595
398611.6	5398801.7	1200	8	-0.006	3564.222	980135.069	-173.034	226.477	-82.122	-28.678	733.886
398608.4	5398693.1	1200	9	-0.007	3564.670	980135.517	-172.673	225.625	-81.812	-28.861	731.123

D80

395570.1	5403530.8	0	301	+0.000	4538.095	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4538.095	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.096	4538.095	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4538.191	980141.960	-162.283	222.590	-80.712	-20.405	721.291
399261.8	5399596.0	1140	104	-0.009	4531.265	980135.130	-172.337	225.695	-81.838	-28.481	731.350
398286.0	5403266.7	1190	44	-0.084	4540.831	980144.696	-159.792	215.234	-78.045	-22.603	697.452

398808.0	5404780.7	1190	60	-0.014	4541.461	980145.326	-157.944	210.148	-76.201	-23.996	680.973
397913.1	5405030.1	1210	1	-0.018	4543.149	980147.014	-156.044	208.785	-75.707	-22.965	676.557
398009.5	5405010.8	1210	2	-0.020	4542.234	980146.099	-156.976	209.701	-76.039	-23.313	679.525
398108.7	5404984.1	1210	3	-0.022	4541.847	980145.712	-157.385	210.629	-76.375	-23.131	682.530
398194.3	5404919.5	1210	4	-0.024	4542.632	980146.497	-156.654	209.592	-75.999	-23.061	679.170
398280.4	5404876.6	1210	5	-0.026	4542.580	980146.445	-156.741	209.389	-75.926	-23.277	678.514
398377.1	5404843.6	1210	6	-0.028	4542.073	980145.938	-157.276	209.726	-76.048	-23.597	679.606
398476.9	5404829.1	1210	7	-0.030	4541.462	980145.327	-157.900	210.656	-76.385	-23.629	682.619
398578.0	5404814.6	1210	8	-0.032	4541.182	980145.047	-158.193	211.269	-76.607	-23.531	684.606
398679.0	5404805.0	1210	9	-0.034	4541.374	980145.239	-158.010	210.628	-76.375	-23.756	682.528

D81

395570.1	5403530.8	0	301	+0.000	3571.254	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.254	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.047	3571.254	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.301	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395335.8	5398159.7	1170	6	-0.045	3579.035	980149.741	-158.843	217.436	-78.843	-20.250	704.588
398362.9	5399946.5	1190	5	-0.038	3562.819	980133.525	-173.649	230.117	-83.441	-26.973	745.681
398637.8	5399285.8	1200	3	-0.006	3565.954	980136.660	-171.051	223.592	-81.075	-28.535	724.536
398259.5	5399137.3	1250	1	-0.007	3568.454	980139.160	-168.667	220.734	-80.039	-27.972	715.276
398362.7	5399161.4	1250	2	-0.008	3567.192	980137.898	-169.911	222.530	-80.690	-28.072	721.094
398455.2	5399187.2	1250	3	-0.009	3566.549	980137.255	-170.534	223.314	-80.975	-28.195	723.635
398546.8	5399215.8	1250	4	-0.010	3565.895	980136.601	-171.166	224.003	-81.225	-28.387	725.870
398654.9	5399232.7	1250	5	-0.011	3565.231	980135.937	-171.818	224.525	-81.414	-28.706	727.559
398750.9	5399247.3	1250	6	-0.012	3564.158	980134.864	-172.880	225.796	-81.875	-28.959	731.679
398838.6	5399272.3	1250	7	-0.013	3564.913	980135.619	-172.106	225.204	-81.660	-28.562	729.760
398934.1	5399298.9	1250	8	-0.013	3566.065	980136.771	-170.933	223.643	-81.094	-28.384	724.702
399043.3	5399359.6	1250	9	-0.014	3566.599	980137.305	-170.351	222.805	-80.790	-28.337	721.985
399127.9	5399384.7	1250	10	-0.015	3564.669	980135.375	-172.262	225.428	-81.741	-28.575	730.486
399227.0	5399414.2	1250	11	-0.016	3563.334	980134.040	-173.574	227.662	-82.551	-28.464	737.724
399417.5	5399460.4	1250	12	-0.017	3562.535	980133.241	-174.338	228.538	-82.869	-28.669	740.564
399515.4	5399484.2	1250	13	-0.018	3562.351	980133.057	-174.504	228.504	-82.857	-28.856	740.455
399612.5	5399505.3	1250	14	-0.019	3563.334	980134.040	-173.505	227.190	-82.380	-28.695	736.197
399709.2	5399542.1	1250	15	-0.020	3563.788	980134.494	-173.022	226.506	-82.132	-28.648	733.980
399811.8	5399545.0	1250	16	-0.020	3563.009	980133.715	-173.800	227.558	-82.514	-28.756	737.389
399914.8	5399543.3	1250	17	-0.021	3561.386	980132.092	-175.426	229.758	-83.311	-28.979	744.518
400014.9	5399536.0	1250	18	-0.022	3560.621	980131.327	-176.198	230.849	-83.707	-29.056	748.051
400128.3	5399525.4	1250	19	-0.023	3560.861	980131.567	-175.968	230.811	-83.693	-28.850	747.929
400223.6	5399487.4	1250	20	-0.024	3560.867	980131.573	-175.993	230.838	-83.703	-28.858	748.018
400268.6	5399392.2	1250	21	-0.024	3560.144	980130.850	-176.794	232.098	-84.160	-28.856	752.099
400301.3	5399308.8	1250	22	-0.025	3559.772	980130.478	-177.234	232.069	-84.149	-29.314	752.006
400348.1	5399212.5	1250	23	-0.026	3559.577	980130.283	-177.507	232.614	-84.347	-29.240	753.773
400389.4	5399140.9	1250	24	-0.026	3559.454	980130.160	-177.688	232.658	-84.363	-29.393	753.915
397520.1	5398960.7	1260	1	-0.032	3557.496	980128.202	-179.760	241.962	-87.737	-25.534	784.064
397579.1	5399078.0	1260	2	-0.033	3564.224	980134.930	-172.937	232.843	-84.430	-24.524	754.513
397630.5	5398985.3	1260	3	-0.033	3562.765	980133.471	-174.472	234.361	-84.980	-25.092	759.432
397861.2	5399044.1	1260	4	-0.035	3569.633	980140.339	-167.559	221.760	-80.411	-26.210	718.601
397954.1	5399069.4	1260	5	-0.036	3569.840	980140.546	-167.333	220.458	-79.939	-26.813	714.382
398363.2	5399845.4	1270	1	-0.039	3563.957	980134.663	-172.593	228.194	-82.744	-27.143	739.449
398285.0	5399775.7	1270	2	-0.040	3565.183	980135.889	-171.422	226.692	-82.200	-26.930	734.583
398210.2	5399712.4	1270	3	-0.042	3566.201	980136.907	-170.455	225.649	-81.821	-26.627	731.201
398135.3	5399640.8	1270	4	-0.043	3567.624	980138.330	-169.089	223.882	-81.181	-26.387	725.477

D81

395570.1	5403530.8	0	301	+0.000	4538.739	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4538.739	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.106	4538.739	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4538.845	980141.960	-162.283	222.590	-80.712	-20.405	721.291
398258.8	5403170.0	1190	43	-0.043	4541.157	980144.378	-160.188	216.203	-78.396	-22.381	700.592
398380.1	5403549.9	1190	47	-0.099	4544.884	980148.105	-156.155	208.843	-75.727	-23.039	676.743
398678.8	5404805.1	1210	9	-0.009	4542.028	980145.249	-158.000	210.618	-76.371	-23.752	682.496
397205.9	5402890.3	1220	1	-0.012	4542.589	980145.810	-158.970	216.396	-78.466	-21.040	701.219
397284.0	5402952.5	1220	2	-0.015	4542.758	980145.979	-158.752	215.703	-78.215	-21.264	698.972
397360.6	5403014.2	1220	3	-0.017	4542.405	980145.626	-159.056	216.082	-78.352	-21.326	700.202
397441.2	5403078.6	1220	4	-0.019	4541.720	980144.941	-159.689	216.729	-78.587	-21.547	702.297
397521.7	5403141.0	1220	5	-0.021	4541.687	980144.908	-159.673	216.533	-78.516	-21.656	701.663
397598.3	5403197.6	1220	6	-0.024	4541.667	980144.888	-159.648	216.197	-78.394	-21.845	700.575
397678.7	5403257.4	1220	7	-0.026	4541.296	980144.517	-159.972	215.700	-78.214	-22.485	698.962
397765.8	5403320.9	1220	8	-0.027	4541.624	980144.845	-159.593	215.562	-78.164	-22.195	698.517
397839.4	5403377.8	1220	9	-0.029	4541.086	980144.307	-160.086	215.732	-78.225	-22.579	699.066

397921.2	5403446.2	1220	10	-0.031	4541.480	980144.701	-159.638	214.855	-77.907	-22.690	696.225
398022.0	5403447.8	1220	11	-0.033	4541.172	980144.393	-159.946	215.398	-78.104	-22.651	697.986
398123.6	5403426.9	1220	12	-0.035	4540.748	980143.969	-160.388	215.868	-78.275	-22.794	699.507
398212.9	5403375.0	1220	13	-0.036	4540.747	980143.968	-160.432	215.771	-78.239	-22.900	699.193
398290.5	5403308.5	1220	14	-0.038	4541.536	980144.757	-159.697	214.991	-77.957	-22.663	696.666
398038.2	5401897.4	1230	1	-0.046	4535.279	980138.500	-167.093	227.460	-82.478	-22.110	737.071
398138.0	5401884.6	1230	2	-0.048	4535.565	980138.786	-166.818	226.413	-82.098	-22.503	733.677
398237.1	5401860.4	1230	3	-0.050	4534.205	980137.426	-168.199	228.796	-82.962	-22.365	741.399
398337.2	5401859.0	1230	4	-0.051	4533.504	980136.725	-168.902	229.353	-83.164	-22.714	743.204
398439.4	5401899.4	1230	5	-0.054	4535.065	980138.286	-167.309	226.005	-81.951	-23.254	732.357
398533.6	5401961.3	1230	6	-0.055	4536.126	980139.347	-166.199	223.654	-81.098	-23.644	724.736
398622.9	5402040.5	1230	7	-0.057	4536.184	980139.405	-166.078	223.341	-80.984	-23.722	723.724
398704.1	5402112.3	1230	8	-0.059	4535.065	980138.286	-167.140	223.630	-81.089	-24.600	724.659
398205.0	5401879.1	1240	1	-0.062	4534.590	980137.811	-167.798	228.088	-82.706	-22.416	739.105
398184.1	5401976.7	1240	2	-0.064	4535.729	980138.950	-166.580	226.363	-82.080	-22.297	733.516
398172.3	5402078.3	1240	3	-0.072	4537.074	980140.295	-165.153	224.001	-81.224	-22.375	725.862
398162.6	5402177.6	1240	4	-0.074	4536.716	980139.937	-165.431	225.149	-81.640	-21.922	729.582
398443.3	5402826.7	1280	1	-0.078	4537.024	980140.245	-164.600	222.390	-80.640	-22.850	720.641
398510.4	5402901.4	1280	2	-0.081	4536.994	980140.215	-164.571	221.899	-80.461	-23.134	719.049
398595.4	5402955.1	1280	3	-0.083	4537.116	980140.337	-164.407	221.220	-80.215	-23.402	716.850
398691.3	5402978.3	1280	4	-0.084	4538.715	980141.936	-162.790	217.992	-79.045	-23.843	706.389
398705.5	5403078.4	1280	5	-0.086	4538.837	980142.058	-162.587	217.155	-78.741	-24.174	703.678
398758.1	5403165.6	1280	6	-0.088	4540.845	980144.066	-160.509	214.223	-77.678	-23.964	694.177
398827.5	5403240.1	1280	7	-0.089	4541.591	980144.812	-159.704	212.902	-77.199	-24.001	689.895
398860.6	5403334.4	1280	8	-0.091	4542.204	980145.425	-159.015	211.567	-76.715	-24.163	685.569
398950.7	5403378.9	1280	9	-0.095	4544.337	980147.558	-156.847	208.175	-75.485	-24.157	674.579

D82

395570.1	5403530.8	0	301	+0.000	4539.400	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4539.400	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.105	4539.400	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4539.505	980141.960	-162.283	222.590	-80.712	-20.405	721.291
398599.2	5399624.4	1190	1	-0.099	4534.171	980136.731	-170.706	223.768	-81.139	-28.077	725.107
398882.5	5401769.2	1190	27	-0.080	4540.994	980143.554	-162.152	215.473	-78.132	-24.810	698.228
398888.1	5401879.0	1190	28	-0.076	4539.730	980142.290	-163.327	217.117	-78.728	-24.938	703.556
398876.3	5401984.8	1190	29	-0.071	4538.339	980140.899	-164.632	219.110	-79.450	-24.972	710.013
398840.7	5402063.2	1190	30	-0.066	4537.010	980139.570	-165.898	221.207	-80.211	-24.901	716.809
398794.5	5402149.8	1190	31	-0.061	4535.537	980138.097	-167.300	223.370	-80.995	-24.925	723.818
398737.8	5402245.8	1190	32	-0.057	4536.362	980138.922	-166.397	222.325	-80.616	-24.688	720.432
398701.5	5402340.2	1190	33	-0.051	4536.878	980139.438	-165.804	221.649	-80.371	-24.526	718.242
398668.6	5402431.2	1190	34	-0.044	4536.898	980139.458	-165.710	221.968	-80.487	-24.229	719.274
398638.8	5402531.6	1190	35	-0.042	4536.450	980139.010	-166.077	222.772	-80.778	-24.083	721.878
398066.4	5399570.3	1270	5	-0.085	4535.866	980138.426	-169.049	224.182	-81.289	-26.156	726.448
397992.1	5399504.4	1270	6	-0.089	4535.017	980137.577	-169.950	225.941	-81.927	-25.936	732.150
397914.7	5399440.0	1270	7	-0.093	4534.919	980137.479	-170.099	226.883	-82.269	-25.485	735.202
398950.8	5403379.0	1280	9	-0.009	4545.026	980147.586	-156.819	208.178	-75.486	-24.127	674.590
399029.5	5403445.8	1280	10	-0.011	4546.017	980148.577	-155.775	206.196	-74.767	-24.346	668.165
399097.0	5403513.9	1280	11	-0.012	4546.299	980148.859	-155.438	205.487	-74.510	-24.462	665.867
399166.0	5403584.0	1280	12	-0.014	4546.349	980148.909	-155.333	205.196	-74.405	-24.541	664.926
399237.2	5403657.5	1280	13	-0.016	4545.984	980148.544	-155.639	205.440	-74.493	-24.693	665.715
399307.4	5403729.9	1280	14	-0.018	4545.936	980148.496	-155.629	205.443	-74.495	-24.681	665.726
399317.4	5403156.1	1290	1	-0.020	4545.351	980147.911	-156.678	206.436	-74.855	-25.097	668.943
399245.7	5403229.1	1290	2	-0.022	4545.318	980147.878	-156.651	206.814	-74.992	-24.829	670.170
399180.2	5403296.6	1290	3	-0.024	4545.527	980148.087	-156.387	206.561	-74.900	-24.726	669.348
399107.3	5403370.0	1290	4	-0.025	4545.878	980148.438	-155.976	206.275	-74.796	-24.497	668.421
399068.9	5402566.0	1300	1	-0.029	4543.337	980145.897	-159.167	209.853	-76.094	-25.407	680.016
399079.0	5402667.7	1300	2	-0.031	4543.062	980145.622	-159.359	210.084	-76.177	-25.453	680.765
399050.8	5402762.1	1300	3	-0.032	4543.093	980145.653	-159.252	210.021	-76.155	-25.385	680.562
399002.8	5402850.0	1300	4	-0.034	4542.668	980145.228	-159.605	210.951	-76.492	-25.146	683.573
398951.9	5402939.7	1300	5	-0.036	4542.502	980145.062	-159.698	211.990	-76.868	-24.577	686.940
398901.8	5403026.1	1300	6	-0.038	4542.279	980144.839	-159.851	212.639	-77.104	-24.315	689.044
398847.0	5403110.1	1300	7	-0.040	4542.085	980144.645	-159.976	213.166	-77.295	-24.105	690.751

D83

395570.1	5403530.8	0	301	+0.000	3571.619	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.619	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.034	3571.619	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.653	980141.960	-162.283	222.590	-80.712	-20.405	721.291
398608.4	5398693.2	1200	9	-0.006	3565.171	980135.512	-172.678	225.620	-81.811	-28.869	731.109
398593.6	5398590.8	1200	10	-0.007	3565.712	980136.053	-172.220	224.876	-81.541	-28.885	728.696

398576.6	5398493.5	1200	11	-0.008	3566.195	980136.536	-171.815	224.311	-81.336	-28.840	726.867
398544.3	5398396.3	1200	12	-0.009	3565.506	980135.847	-172.583	225.393	-81.729	-28.918	730.374
398524.9	5398296.6	1200	13	-0.010	3563.926	980134.267	-174.243	227.705	-82.567	-29.105	737.866
398485.5	5398211.5	1200	14	-0.010	3562.145	980132.486	-176.093	230.182	-83.465	-29.376	745.890
398447.5	5398115.9	1200	15	-0.011	3561.815	980132.156	-176.499	230.907	-83.728	-29.320	748.242
398344.5	5398130.4	1200	16	-0.012	3561.941	980132.282	-176.361	230.944	-83.741	-29.158	748.359
398260.1	5398083.6	1200	17	-0.013	3558.862	980129.203	-179.476	235.267	-85.309	-29.518	762.368
398192.2	5397972.6	1200	18	-0.014	3558.865	980129.206	-179.562	235.667	-85.454	-29.349	763.665
398057.1	5397811.9	1200	20	-0.017	3560.221	980130.562	-178.335	233.085	-84.518	-29.767	755.299
398019.6	5397706.3	1200	21	-0.018	3561.536	980131.877	-177.105	232.113	-84.165	-29.157	752.147
398043.9	5397607.8	1200	22	-0.019	3561.535	980131.876	-177.186	232.228	-84.207	-29.165	752.520
398056.0	5397507.5	1200	23	-0.021	3560.759	980131.100	-178.043	233.418	-84.638	-29.263	756.378
398045.4	5397403.2	1200	24	-0.022	3559.684	980130.025	-179.202	234.946	-85.193	-29.448	761.330
398067.1	5397296.4	1200	25	-0.023	3557.838	980128.179	-181.135	237.435	-86.095	-29.795	769.395
398013.5	5397216.6	1200	26	-0.024	3557.451	980127.792	-181.586	238.059	-86.321	-29.848	771.416
398009.3	5397118.5	1200	27	-0.025	3557.591	980127.932	-181.525	238.239	-86.386	-29.673	771.998
398049.4	5397021.2	1200	28	-0.026	3556.666	980127.007	-182.529	240.276	-87.125	-29.378	778.601
398101.6	5396933.1	1200	29	-0.028	3555.980	980126.321	-183.287	241.665	-87.629	-29.251	783.101
398162.3	5396851.7	1200	30	-0.029	3554.096	980124.437	-185.238	243.677	-88.358	-29.919	789.622

D83

395570.1	5403530.8	0	301	+0.000	4540.082	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4540.082	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.092	4540.082	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4540.174	980141.960	-162.283	222.590	-80.712	-20.405	721.291
401195.2	5400051.6	1140	124	-0.009	4532.485	980134.363	-172.758	225.724	-81.849	-28.882	731.446
401294.9	5400072.3	1140	125	-0.010	4531.417	980133.295	-173.810	227.431	-82.468	-28.846	736.978
401394.8	5400094.4	1140	126	-0.012	4529.481	980131.359	-175.729	230.399	-83.544	-28.874	746.594
401486.8	5400138.2	1140	127	-0.014	4528.556	980130.434	-176.620	232.048	-84.142	-28.713	751.939
401570.1	5400192.5	1140	128	-0.016	4528.088	980129.966	-177.045	232.196	-84.195	-29.044	752.417
401648.9	5400254.4	1140	129	-0.018	4528.857	980130.735	-176.227	231.882	-84.082	-28.426	751.401
401726.2	5400316.6	1140	130	-0.020	4528.931	980130.809	-176.104	231.914	-84.093	-28.283	751.503
401806.3	5400381.4	1140	131	-0.022	4529.211	980131.089	-175.772	231.052	-83.780	-28.500	748.710
401883.0	5400440.5	1140	132	-0.024	4529.063	980130.941	-175.873	230.536	-83.593	-28.930	747.038
401969.1	5400496.2	1140	133	-0.026	4529.215	980131.093	-175.677	230.301	-83.508	-28.884	746.276
402052.6	5400547.7	1140	134	-0.028	4529.600	980131.478	-175.251	228.995	-83.035	-29.291	742.044
402146.3	5400584.0	1140	135	-0.030	4531.166	980133.044	-173.657	226.498	-82.129	-29.288	733.954
402243.6	5400611.2	1140	136	-0.032	4532.606	980134.484	-172.196	223.725	-81.124	-29.594	724.969
402342.3	5400630.6	1140	137	-0.034	4534.120	980135.998	-170.667	220.945	-80.116	-29.838	715.959
402440.3	5400649.1	1140	138	-0.035	4534.590	980136.468	-170.183	219.769	-79.689	-30.104	712.147
402540.2	5400668.0	1140	139	-0.037	4534.322	980136.200	-170.437	219.780	-79.693	-30.350	712.183
402637.3	5400686.6	1140	140	-0.039	4533.483	980135.361	-171.262	220.363	-79.905	-30.804	714.074
402736.9	5400705.4	1140	141	-0.046	4532.857	980134.735	-171.874	220.630	-80.001	-31.245	714.938
402832.9	5400723.6	1140	142	-0.048	4533.478	980135.356	-171.239	219.914	-79.742	-31.067	712.618
402933.9	5400742.7	1140	143	-0.050	4533.985	980135.863	-170.718	219.354	-79.539	-30.903	710.803
403030.7	5400762.2	1140	144	-0.051	4534.014	980135.892	-170.674	219.162	-79.469	-30.981	710.182
403129.5	5400779.0	1140	145	-0.053	4533.600	980135.478	-171.076	219.545	-79.608	-31.139	711.424
403231.3	5400782.7	1140	146	-0.055	4533.406	980135.284	-171.268	220.273	-79.872	-30.867	713.780
403329.5	5400775.8	1140	147	-0.057	4532.680	980134.558	-172.001	221.209	-80.211	-31.003	716.814
403429.3	5400766.9	1140	148	-0.059	4531.369	980133.247	-173.320	222.214	-80.576	-31.682	720.071
403528.8	5400759.1	1140	149	-0.061	4529.884	980131.762	-174.812	223.919	-81.194	-32.087	725.595
403630.1	5400755.7	1140	150	-0.063	4528.001	980129.879	-176.699	226.508	-82.133	-32.324	733.987
403729.5	5400776.9	1140	151	-0.066	4526.479	980128.357	-178.205	228.910	-83.004	-32.299	741.770
403826.1	5400799.1	1140	152	-0.069	4525.653	980127.531	-179.014	230.394	-83.542	-32.162	746.579
403921.8	5400820.7	1140	153	-0.072	4525.124	980127.002	-179.526	231.474	-83.933	-31.986	750.077
404020.6	5400858.2	1140	154	-0.073	4523.670	980125.548	-180.951	233.344	-84.611	-32.219	756.136
404098.3	5400921.0	1140	155	-0.075	4522.967	980124.845	-181.604	234.218	-84.929	-32.314	758.971
404162.0	5401000.4	1140	156	-0.077	4522.635	980124.513	-181.873	234.727	-85.113	-32.259	760.618
398490.0	5399794.1	1190	3	-0.084	4533.254	980135.132	-172.167	226.271	-82.047	-27.943	733.217

D84

395570.1	5403530.8	0	301	+0.000	3571.803	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.803	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.064	3571.803	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.867	980141.960	-162.283	222.590	-80.712	-20.405	721.291
399742.9	5403439.3	1040	71	-0.029	3578.870	980149.027	-155.338	204.229	-74.054	-25.163	661.792
399835.3	5403480.9	1040	72	-0.030	3578.449	980148.606	-155.726	204.486	-74.147	-25.388	662.624
399935.3	5403507.2	1040	73	-0.032	3578.199	980148.356	-155.956	204.976	-74.325	-25.305	664.214
400031.6	5403535.3	1040	74	-0.033	3577.078	980147.235	-157.056	206.284	-74.799	-25.571	668.450
400120.6	5403573.3	1040	75	-0.035	3576.536	980146.693	-157.568	206.869	-75.012	-25.710	670.347

400199.8	5403627.6	1040	76	-0.036	3576.381	980146.538	-157.680	207.053	-75.078	-25.705	670.942
400293.4	5403668.3	1040	77	-0.038	3574.755	980144.912	-159.274	209.438	-75.943	-25.780	678.670
400395.6	5403702.9	1040	78	-0.041	3572.706	980142.863	-161.296	212.279	-76.973	-25.991	687.876
400408.0	5403798.8	1040	79	-0.043	3572.279	980142.436	-161.646	212.476	-77.045	-26.214	688.517
400421.9	5403892.5	1040	80	-0.046	3573.465	980143.622	-160.384	210.525	-76.337	-26.196	682.195
400447.6	5403984.9	1040	81	-0.048	3574.578	980144.735	-159.197	209.089	-75.817	-25.924	677.540
400479.4	5404087.4	1040	82	-0.051	3575.417	980145.574	-158.275	207.798	-75.348	-25.825	673.357
400510.4	5404187.6	1040	83	-0.053	3576.785	980146.942	-156.827	205.465	-74.502	-25.864	665.796
400539.7	5404285.4	1040	84	-0.055	3578.126	980148.283	-155.407	203.823	-73.907	-25.491	660.475
399043.8	5399359.4	1250	9	-0.007	3567.163	980137.320	-170.337	222.816	-80.794	-28.315	722.023
399128.0	5399385.0	1250	10	-0.006	3565.210	980135.367	-172.270	225.447	-81.748	-28.571	730.548
393827.8	5400705.8	4006	3938	-0.012	3577.358	980147.515	-158.992	219.753	-79.683	-18.922	712.097
392333.3	5400885.2	4011	3923	-0.061	3578.735	980148.892	-157.452	215.086	-77.991	-20.358	696.972

D84

395570.1	5403530.8	0	301	+0.000	4540.758	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4540.758	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.114	4540.758	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4540.872	980141.960	-162.283	222.590	-80.712	-20.405	721.291
390847.3	5398368.7	1140	15	-0.098	4556.469	980157.671	-150.690	205.774	-74.615	-19.530	666.799
390882.8	5398462.3	1140	16	-0.094	4554.624	980155.826	-152.460	208.173	-75.485	-19.771	674.573
390929.5	5398551.9	1140	17	-0.091	4552.947	980154.149	-154.065	210.627	-76.374	-19.812	682.525
391002.7	5398622.7	1140	18	-0.089	4552.155	980153.357	-154.800	211.822	-76.808	-19.786	686.396
391091.7	5398666.7	1140	19	-0.086	4552.293	980153.495	-154.628	211.644	-76.743	-19.727	685.820
391189.0	5398703.9	1140	20	-0.084	4553.066	980154.268	-153.826	210.478	-76.320	-19.668	682.042
391280.8	5398737.3	1140	21	-0.081	4552.768	980153.970	-154.098	210.850	-76.455	-19.704	683.246
391381.3	5398757.1	1140	22	-0.079	4551.619	980152.821	-155.232	212.652	-77.108	-19.689	689.085
391482.9	5398750.9	1140	23	-0.076	4550.645	980151.847	-156.213	214.538	-77.792	-19.467	695.197
391575.0	5398714.2	1140	24	-0.074	4549.761	980150.963	-157.128	215.992	-78.320	-19.455	699.909
391668.8	5398677.7	1140	25	-0.071	4549.252	980150.454	-157.667	217.075	-78.712	-19.304	703.419
391760.1	5398642.1	1140	26	-0.069	4549.053	980150.255	-157.896	217.641	-78.918	-19.172	705.254
391858.3	5398611.2	1140	27	-0.067	4549.053	980150.255	-157.922	217.822	-78.983	-19.084	705.839
391957.6	5398599.7	1140	28	-0.064	4548.593	980149.795	-158.393	218.840	-79.352	-18.905	709.139
392056.9	5398608.2	1140	29	-0.062	4547.614	980148.816	-159.366	220.279	-79.874	-18.961	713.800
392156.7	5398628.4	1140	30	-0.059	4547.056	980148.258	-159.909	220.754	-80.046	-19.201	715.341
392251.5	5398657.5	1140	31	-0.057	4547.008	980148.210	-159.934	220.419	-79.925	-19.440	714.255
392344.0	5398677.1	1140	32	-0.055	4546.746	980147.948	-160.182	220.028	-79.783	-19.937	712.987
392445.7	5398698.4	1140	33	-0.052	4547.052	980148.254	-159.860	219.404	-79.557	-20.013	710.967
392544.8	5398719.6	1140	34	-0.050	4547.784	980148.986	-159.112	218.039	-79.062	-20.135	706.543
392641.6	5398740.3	1140	35	-0.048	4548.100	980149.302	-158.780	217.402	-78.831	-20.209	704.479
392737.5	5398762.5	1140	36	-0.045	4548.082	980149.284	-158.782	217.613	-78.907	-20.076	705.161
392838.0	5398782.1	1140	37	-0.043	4547.665	980148.867	-159.184	218.265	-79.144	-20.063	707.276
392931.4	5398803.4	1140	38	-0.040	4547.226	980148.428	-159.607	218.571	-79.255	-20.291	708.265
393032.9	5398823.9	1140	39	-0.038	4547.045	980148.247	-159.772	219.219	-79.490	-20.043	710.366
393131.4	5398845.2	1140	40	-0.036	4547.274	980148.476	-159.527	219.124	-79.455	-19.859	710.059
393622.7	5398925.4	1140	45	-0.108	4548.139	980149.341	-158.603	218.837	-79.351	-19.118	709.128
401195.1	5400051.6	1140	124	-0.008	4533.152	980134.354	-172.767	225.796	-81.875	-28.845	731.678
398490.0	5399794.2	1190	3	-0.012	4533.927	980135.129	-172.170	226.261	-82.043	-27.952	733.186

D85

395570.1	5403530.8	0	301	+0.000	3571.983	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3571.983	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.052	3571.983	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3572.035	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395365.7	5398253.9	1170	7	-0.004	3579.842	980149.819	-158.689	217.099	-78.721	-20.311	703.496
397283.1	5402951.6	1220	2	-0.040	3576.006	980145.983	-158.748	215.705	-78.215	-21.259	698.978
397519.9	5398961.0	1260	1	-0.050	3558.225	980128.202	-179.759	241.976	-87.742	-25.525	784.110
399214.1	5400986.6	1310	12	-0.023	3569.009	980138.986	-167.356	220.681	-80.020	-26.695	715.103
399177.2	5400955.8	1310	13	-0.021	3569.220	980139.197	-167.170	220.520	-79.961	-26.612	714.581
399258.0	5400906.9	1310	14	-0.019	3567.989	980137.966	-168.441	221.552	-80.336	-27.225	717.927
399327.4	5400813.2	1310	15	-0.017	3566.573	980136.550	-169.934	222.845	-80.805	-27.894	722.116
399412.8	5400733.3	1310	16	-0.016	3566.180	980136.157	-170.392	223.400	-81.006	-27.998	723.913
399530.2	5400671.4	1310	17	-0.013	3566.012	980135.989	-170.612	223.576	-81.070	-28.106	724.485
399639.4	5400630.2	1310	18	-0.010	3565.818	980135.795	-170.840	223.196	-80.932	-28.576	723.254
399726.7	5400572.8	1310	19	-0.009	3566.172	980136.149	-170.534	222.630	-80.727	-28.630	721.420
399829.2	5400573.5	1310	20	-0.008	3566.779	980136.756	-169.927	221.871	-80.451	-28.508	718.960
399753.1	5402512.9	1320	1	-0.027	3576.964	980146.941	-158.173	208.074	-75.449	-25.548	674.252
399850.4	5402520.5	1320	2	-0.029	3576.668	980146.645	-158.464	208.283	-75.524	-25.706	674.929
399952.8	5402548.2	1320	3	-0.030	3576.442	980146.419	-158.669	208.524	-75.612	-25.757	675.709
400032.2	5402615.4	1320	4	-0.032	3577.012	980146.989	-158.046	207.643	-75.292	-25.695	672.855

400070.8	5402752.5	1320	5	-0.033	3577.785	980147.762	-157.162	205.860	-74.646	-25.947	667.078
400086.6	5402830.1	1320	6	-0.035	3578.125	980148.102	-156.760	205.409	-74.482	-25.832	665.617
397155.6	5401944.6	1330	1	-0.041	3567.010	980136.987	-168.557	230.656	-83.637	-21.538	747.428
397206.7	5402039.4	1330	2	-0.042	3571.849	980141.826	-163.642	223.591	-81.075	-21.126	724.533
397257.0	5402139.7	1330	3	-0.043	3573.117	980143.094	-162.294	221.746	-80.406	-20.954	718.555
397252.3	5402239.9	1330	4	-0.044	3572.814	980142.791	-162.516	222.049	-80.516	-20.982	719.538
397321.3	5402418.6	1330	6	-0.045	3569.941	980139.918	-165.245	226.441	-82.108	-20.912	733.768
397301.6	5402528.1	1330	7	-0.046	3571.531	980141.508	-163.566	224.318	-81.339	-20.586	726.890
397275.3	5402641.3	1330	8	-0.047	3574.306	980144.283	-160.699	219.749	-79.682	-20.632	712.085
397214.4	5402749.9	1330	9	-0.048	3575.982	980145.959	-158.935	216.993	-78.683	-20.624	703.154
D85											
395570.1	5403530.8	0	301	+0.000	4541.399	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4541.399	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.097	4541.399	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4541.496	980141.960	-162.283	222.590	-80.712	-20.405	721.291
390152.5	5397732.8	1140	5	-0.027	4555.090	980155.651	-153.216	209.542	-75.981	-19.654	679.009
390239.4	5397757.0	1140	6	-0.025	4554.548	980155.109	-153.739	210.927	-76.483	-19.295	683.497
390336.8	5397782.4	1140	7	-0.023	4553.786	980154.347	-154.482	212.118	-76.915	-19.279	687.357
390433.8	5397808.8	1140	8	-0.021	4552.941	980153.502	-155.307	212.797	-77.161	-19.671	689.556
390516.3	5397866.8	1140	9	-0.019	4552.667	980153.228	-155.535	213.092	-77.268	-19.711	690.513
390572.7	5397950.5	1140	10	-0.017	4552.898	980153.459	-155.237	212.345	-76.997	-19.889	688.091
390635.1	5398029.8	1140	11	-0.016	4554.188	980154.749	-153.884	210.528	-76.339	-19.694	682.205
390696.0	5398107.1	1140	12	-0.014	4555.533	980156.094	-152.477	208.393	-75.564	-19.648	675.285
390759.9	5398188.0	1140	13	-0.012	4556.676	980157.237	-151.269	206.484	-74.872	-19.657	669.100
390811.7	5398274.3	1140	14	-0.010	4557.344	980157.905	-150.532	205.489	-74.511	-19.554	665.875
390847.3	5398368.9	1140	15	-0.009	4557.055	980157.616	-150.745	205.802	-74.625	-19.568	666.889
399811.8	5399545.1	1250	16	-0.090	4533.127	980133.688	-173.827	227.562	-82.515	-28.780	737.401
400150.1	5399171.0	3991	4001	-0.085	4529.917	980130.478	-177.343	232.559	-84.327	-29.111	753.595
400224.1	5399167.6	3991	4002	-0.083	4529.490	980130.051	-177.774	232.700	-84.378	-29.452	754.052
400326.6	5399167.1	3991	4003	-0.081	4529.656	980130.217	-177.610	232.487	-84.301	-29.423	753.360
400412.0	5399183.4	3991	4004	-0.079	4529.733	980130.294	-177.520	232.438	-84.283	-29.366	753.200
400812.4	5399197.3	3991	4008	-0.074	4527.974	980128.535	-179.272	234.231	-84.933	-29.974	759.012
400924.4	5399189.3	3991	4009	-0.072	4527.941	980128.502	-179.313	234.005	-84.851	-30.160	758.279
399928.0	5399667.7	3996	3999	-0.040	4533.384	980133.945	-173.472	227.112	-82.352	-28.712	735.944
400024.5	5399668.5	3996	4000	-0.042	4532.869	980133.430	-173.987	227.967	-82.662	-28.683	738.712
400129.4	5399668.5	3996	4001	-0.044	4532.587	980133.148	-174.271	228.470	-82.844	-28.645	740.342
400231.6	5399668.7	3996	4002	-0.046	4532.608	980133.169	-174.251	228.456	-82.839	-28.634	740.297
400328.9	5399673.3	3996	4003	-0.048	4533.140	980133.701	-173.716	227.574	-82.519	-28.662	737.439
400433.4	5399676.6	3996	4004	-0.050	4531.357	980131.918	-175.498	230.261	-83.494	-28.730	746.148
400530.1	5399678.9	3996	4005	-0.054	4530.976	980131.537	-175.878	230.937	-83.739	-28.680	748.337
400625.0	5399662.7	3996	4006	-0.056	4529.393	980129.954	-177.475	232.851	-84.433	-29.057	754.540
400729.3	5399671.6	3996	4007	-0.059	4528.124	980128.685	-178.738	234.270	-84.947	-29.415	759.139
400825.8	5399670.2	3996	4008	-0.060	4527.382	980127.943	-179.482	235.293	-85.318	-29.508	762.453
400927.0	5399674.4	3996	4009	-0.062	4529.386	980129.947	-177.476	232.683	-84.372	-29.165	753.995
401028.9	5399667.5	3996	4010	-0.064	4530.159	980130.720	-176.709	231.569	-83.968	-29.109	750.384
401128.3	5399669.7	3996	4011	-0.066	4530.437	980130.998	-176.431	230.641	-83.631	-29.422	747.377
401222.9	5399665.6	3996	4012	-0.068	4530.690	980131.251	-176.182	229.510	-83.221	-29.893	743.715
D87											
395570.1	5403530.8	0	301	+0.000	3572.270	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3572.270	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.046	3572.270	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3572.316	980141.960	-162.283	222.590	-80.712	-20.405	721.291
397252.2	5402239.7	1330	4	-0.034	3573.088	980142.778	-162.529	222.022	-80.506	-21.013	719.448
397282.5	5402329.1	1330	5	-0.035	3571.740	980141.430	-163.805	224.108	-81.263	-20.959	726.209
397320.9	5402418.5	1330	6	-0.043	3570.247	980139.937	-165.226	226.415	-82.099	-20.910	733.686
394445.0	5399894.7	1350	1	-0.024	3575.961	980145.651	-161.519	223.533	-81.054	-19.040	724.346
394465.9	5399800.9	1350	2	-0.024	3576.557	980146.247	-161.000	222.746	-80.769	-19.022	721.796
394494.6	5399708.4	1350	3	-0.024	3576.822	980146.512	-160.810	222.368	-80.631	-19.073	720.569
394541.0	5399619.3	1350	4	-0.025	3577.028	980146.718	-160.676	222.126	-80.544	-19.094	719.787
394583.2	5399515.7	1350	5	-0.025	3576.690	980146.380	-161.098	222.530	-80.690	-19.259	721.096
394616.0	5399436.4	1350	6	-0.026	3576.571	980146.261	-161.282	222.722	-80.760	-19.320	721.716
394665.9	5399322.7	1350	7	-0.026	3575.089	980144.779	-162.856	224.793	-81.511	-19.575	728.427
394678.1	5399238.9	1350	8	-0.027	3575.379	980145.069	-162.635	224.385	-81.363	-19.613	727.106
394419.5	5399993.5	4001	3944	-0.023	3575.393	980145.083	-162.007	224.160	-81.281	-19.129	726.376
394530.1	5400032.0	4001	3945	-0.023	3574.846	980144.536	-162.524	224.810	-81.517	-19.231	728.483
394635.6	5400150.3	4001	3946	-0.022	3573.157	980142.847	-164.119	226.800	-82.239	-19.557	734.933
394735.3	5400154.4	4001	3947	-0.022	3569.970	980139.660	-167.304	230.762	-83.675	-20.217	747.771
394829.5	5400155.0	4001	3948	-0.021	3570.916	980140.606	-166.358	229.145	-83.089	-20.302	742.530

394926.6	5400189.2	4001	3949	-0.020	3572.225	980141.915	-165.023	227.101	-82.348	-20.270	735.907
395024.6	5400226.5	4001	3950	-0.020	3574.043	980143.733	-163.176	224.576	-81.432	-20.032	727.724
395126.3	5400209.3	4001	3951	-0.019	3571.181	980140.871	-166.053	228.808	-82.967	-20.212	741.439
393827.8	5400706.0	4006	3938	-0.005	3577.797	980147.487	-159.020	219.731	-79.675	-18.964	712.026
393916.9	5400730.5	4006	3939	-0.006	3575.863	980145.553	-160.935	222.757	-80.773	-18.951	721.830
394030.5	5400659.3	4006	3940	-0.007	3574.250	980143.940	-162.607	225.097	-81.621	-19.131	729.413
394112.8	5400657.4	4006	3941	-0.008	3573.720	980143.410	-163.139	225.832	-81.888	-19.195	731.794
394225.4	5400700.1	4006	3942	-0.009	3574.351	980144.041	-162.475	225.008	-81.589	-19.056	729.126
394321.8	5400687.8	4006	3943	-0.010	3571.210	980140.900	-165.627	229.190	-83.105	-19.543	742.676
394431.7	5400655.5	4006	3944	-0.011	3571.551	980141.241	-165.314	228.645	-82.908	-19.576	740.911
394521.4	5400651.4	4006	3945	-0.011	3569.045	980138.735	-167.824	231.976	-84.116	-19.964	751.705
394616.5	5400636.7	4006	3946	-0.012	3567.901	980137.591	-168.981	233.363	-84.619	-20.237	756.200
394720.5	5400674.5	4006	3947	-0.012	3565.558	980135.248	-171.295	236.323	-85.692	-20.664	765.790
394836.4	5400689.2	4006	3948	-0.013	3569.693	980139.383	-167.149	230.390	-83.540	-20.300	746.564
394931.1	5400676.4	4006	3949	-0.014	3570.636	980140.326	-166.218	229.071	-83.062	-20.209	742.291
395024.6	5400668.1	4006	3950	-0.014	3571.070	980140.760	-165.792	228.844	-82.980	-19.927	741.556
395117.8	5400650.1	4006	3951	-0.014	3570.808	980140.498	-166.069	229.036	-83.049	-20.083	742.178
395219.9	5400619.9	4006	3952	-0.015	3570.200	980139.890	-166.703	229.978	-83.391	-20.116	745.229
395314.1	5400542.0	4006	3953	-0.016	3570.963	980140.653	-166.004	228.702	-82.928	-20.230	741.096
395433.0	5400487.6	4006	3954	-0.016	3571.137	980140.827	-165.876	228.308	-82.786	-20.353	739.820
395524.2	5400470.8	4006	3955	-0.017	3570.276	980139.966	-166.751	229.461	-83.204	-20.494	743.556
395630.4	5400517.8	4006	3956	-0.017	3571.467	980141.157	-165.523	227.765	-82.588	-20.347	738.058
397143.3	5402408.8	4021	3971	-0.036	3575.053	980144.743	-160.426	219.571	-79.618	-20.472	711.508
397226.7	5402402.8	4021	3972	-0.037	3572.521	980142.211	-162.963	223.109	-80.900	-20.755	722.971
397328.3	5402386.1	4021	3973	-0.037	3570.189	980139.879	-165.310	226.482	-82.124	-20.951	733.903
397422.1	5402317.4	4021	3974	-0.037	3570.428	980140.118	-165.128	226.497	-82.129	-20.760	733.950
397525.6	5402243.6	4021	3975	-0.038	3573.101	980142.791	-162.516	222.477	-80.671	-20.710	720.923
397625.8	5402192.1	4021	3976	-0.039	3574.290	980143.980	-161.369	220.312	-79.886	-20.943	713.909
397722.8	5402166.5	4021	3977	-0.039	3573.627	980143.317	-162.054	220.631	-80.002	-21.425	714.941
397817.3	5402162.4	4021	3978	-0.041	3573.143	980142.833	-162.543	220.228	-79.856	-22.170	713.636
397916.7	5402156.4	4021	3979	-0.041	3572.997	980142.687	-162.695	220.515	-79.960	-22.139	714.565

D87

395570.1	5403530.8	0	301	+0.000	4542.686	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4542.686	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.061	4542.686	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4542.747	980141.960	-162.283	222.590	-80.712	-20.405	721.291
398038.4	5401897.5	1230	1	-0.006	4539.255	980138.529	-167.064	227.441	-82.471	-22.094	737.009
398138.3	5401884.6	1230	2	-0.057	4539.493	980138.767	-166.837	226.382	-82.087	-22.542	733.577
396562.7	5400676.8	4006	3965	-0.047	4537.849	980137.123	-169.440	232.268	-84.221	-21.393	752.651
396601.0	5400661.6	4006	3966	-0.046	4537.432	980136.706	-169.869	232.997	-84.486	-21.358	755.012
396722.2	5400671.4	4006	3967	-0.045	4539.803	980139.077	-167.492	230.272	-83.498	-20.718	746.183
396838.4	5400666.9	4006	3968	-0.043	4539.969	980139.243	-167.331	229.999	-83.399	-20.730	745.299
396930.5	5400890.4	4006	3969	-0.042	4538.157	980137.431	-168.963	232.347	-84.250	-20.866	752.908
397022.3	5400922.1	4006	3970	-0.041	4538.455	980137.729	-168.641	231.869	-84.077	-20.848	751.357
397128.1	5400674.8	4006	3971	-0.040	4537.894	980137.168	-169.403	232.729	-84.388	-21.063	754.143
397228.0	5400679.3	4006	3972	-0.039	4536.741	980136.015	-170.553	234.102	-84.887	-21.337	758.595
397326.4	5400671.0	4006	3973	-0.039	4536.462	980135.736	-170.840	234.037	-84.863	-21.666	758.384
397435.0	5400696.9	4006	3974	-0.038	4537.442	980136.716	-169.841	232.268	-84.221	-21.794	752.650
397530.2	5400705.2	4006	3975	-0.037	4537.929	980137.203	-169.348	231.047	-83.779	-22.080	748.693
397626.6	5400671.6	4006	3976	-0.036	4538.268	980137.542	-169.037	230.448	-83.561	-22.151	746.752
396756.8	5401167.9	4011	3967	-0.026	4539.461	980138.735	-167.433	230.276	-83.499	-20.656	746.196
396815.7	5401171.7	4011	3968	-0.027	4538.381	980137.655	-168.510	232.048	-84.142	-20.604	751.939
396929.5	5401174.7	4011	3969	-0.028	4535.940	980135.214	-170.950	235.602	-85.430	-20.779	763.454
397020.3	5401170.2	4011	3970	-0.029	4536.002	980135.276	-170.893	235.396	-85.356	-20.852	762.787
397125.0	5401172.0	4011	3971	-0.029	4534.224	980133.498	-172.671	237.849	-86.245	-21.067	770.734
397233.8	5401172.2	4011	3972	-0.030	4530.573	980129.847	-176.323	242.546	-87.948	-21.725	785.957
397327.6	5401167.0	4011	3973	-0.031	4526.617	980125.891	-180.284	247.685	-89.812	-22.411	802.609
397429.7	5401048.6	4011	3974	-0.033	4530.865	980130.139	-176.133	241.584	-87.599	-22.148	782.838
397533.2	5401063.2	4011	3975	-0.034	4528.266	980127.540	-178.721	245.047	-88.855	-22.529	794.060
396931.1	5401671.6	4016	3969	-0.022	4536.873	980136.147	-169.616	233.309	-84.599	-20.905	756.025
397035.1	5401661.6	4016	3970	-0.021	4534.156	980133.430	-172.342	237.158	-85.995	-21.178	768.498
397135.7	5401632.7	4016	3971	-0.020	4532.506	980131.780	-174.016	239.404	-86.809	-21.421	775.773
397233.2	5401662.6	4016	3972	-0.019	4535.124	980134.398	-171.375	234.963	-85.199	-21.611	761.383
397328.0	5401661.0	4016	3973	-0.018	4537.053	980136.327	-169.449	232.259	-84.218	-21.408	752.621
397428.0	5401676.1	4016	3974	-0.017	4536.915	980136.189	-169.576	232.474	-84.296	-21.398	753.319
397530.6	5401666.4	4016	3975	-0.016	4538.812	980138.086	-167.687	229.325	-83.154	-21.517	743.114
397631.8	5401690.3	4016	3976	-0.015	4541.058	980140.332	-165.423	225.423	-81.739	-21.740	730.469
397730.4	5401669.2	4016	3977	-0.015	4540.923	980140.197	-165.576	225.510	-81.771	-21.837	730.753

397835.2	5401672.9	4016	3978	-0.014	4539.196	980138.470	-167.302	228.483	-82.849	-21.668	740.386
397930.1	5401670.7	4016	3979	-0.013	4538.000	980137.274	-168.500	230.013	-83.404	-21.891	745.344
398030.6	5401669.2	4016	3980	-0.012	4535.446	980134.720	-171.057	233.274	-84.586	-22.369	755.909
398123.5	5401669.7	4016	3981	-0.011	4534.051	980133.325	-172.453	234.803	-85.141	-22.790	760.865

D88

395570.1	5403530.8	0	301	+0.000	3572.404	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3572.404	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.011	3572.404	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	3572.415	980141.960	-162.283	222.590	-80.712	-20.405	721.291
398362.6	5399946.3	1190	5	-0.009	3563.964	980133.520	-173.654	230.132	-83.447	-26.969	745.728
398121.3	5397881.8	1200	19	-0.007	3559.514	980129.070	-179.771	235.638	-85.443	-29.576	763.572
399828.7	5400573.1	1310	20	-0.002	3567.204	980136.760	-169.924	221.851	-80.444	-28.517	718.894
399812.3	5400473.0	1360	1	-0.002	3566.609	980136.165	-170.600	222.919	-80.831	-28.512	722.356
399798.5	5400371.7	1360	2	-0.002	3566.209	980135.765	-171.081	223.627	-81.088	-28.542	724.651
399801.1	5400289.0	1360	3	-0.003	3565.827	980135.383	-171.530	224.353	-81.352	-28.528	727.004
399794.3	5400182.6	1360	4	-0.003	3565.419	980134.975	-172.024	225.193	-81.656	-28.487	729.723
399786.6	5400088.5	1360	5	-0.003	3565.622	980135.178	-171.897	225.295	-81.693	-28.295	730.056
399759.5	5399988.2	1360	6	-0.004	3565.434	980134.990	-172.166	225.296	-81.693	-28.563	730.059
399743.9	5399891.5	1360	7	-0.004	3565.809	980135.365	-171.869	224.934	-81.562	-28.497	728.885
399717.2	5399792.9	1360	8	-0.005	3566.131	980135.687	-171.626	224.519	-81.412	-28.519	727.542

D88

395570.1	5403530.8	0	301	+0.000	4543.314	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4543.314	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	-0.053	4543.314	980141.960	-162.283	222.590	-80.712	-20.405	721.291
395570.1	5403530.8	0	301	+0.000	4543.367	980141.960	-162.283	222.590	-80.712	-20.405	721.291
403129.5	5400779.3	1140	145	-0.007	4536.806	980135.452	-171.101	219.537	-79.605	-31.169	711.397
404161.8	5401000.5	1140	156	-0.047	4525.847	980124.493	-181.893	234.703	-85.104	-32.294	760.541
402629.6	5400106.3	4001	4026	-0.028	4531.858	980130.504	-176.588	229.332	-83.157	-30.413	743.138
402732.5	5400171.2	4001	4027	-0.030	4533.544	980132.190	-174.851	226.762	-82.225	-30.314	734.808
402831.8	5400170.5	4001	4028	-0.031	4533.600	980132.246	-174.797	225.997	-81.948	-30.747	732.331
402918.5	5400161.5	4001	4029	-0.033	4533.770	980132.416	-174.635	226.449	-82.111	-30.297	733.795
403020.4	5400315.0	4001	4030	-0.035	4535.106	980133.752	-173.176	222.336	-80.620	-31.460	720.466
403127.6	5400278.9	4001	4031	-0.038	4533.616	980132.262	-174.696	224.918	-81.556	-31.334	728.834
403212.3	5400173.0	4001	4032	-0.040	4532.251	980130.897	-176.148	227.408	-82.459	-31.199	736.903
403326.7	5400165.6	4001	4033	-0.042	4533.153	980131.799	-175.253	225.898	-81.912	-31.266	732.010
402729.6	5400334.9	4006	4027	-0.025	4533.515	980132.161	-174.747	226.281	-82.051	-30.517	733.251
402829.9	5400427.1	4006	4028	-0.023	4533.971	980132.617	-174.218	224.391	-81.365	-31.192	727.126
402939.7	5400538.0	4006	4029	-0.020	4535.928	980134.574	-172.173	221.881	-80.455	-30.747	718.993
403042.9	5400581.1	4006	4030	-0.019	4536.502	980135.148	-171.565	221.020	-80.143	-30.688	716.202
403131.6	5400633.7	4006	4031	-0.017	4536.799	980135.445	-171.226	219.707	-79.667	-31.186	711.946
403235.6	5400674.2	4006	4032	-0.014	4536.658	980135.304	-171.336	219.682	-79.657	-31.312	711.865
403330.0	5400671.8	4006	4033	-0.012	4535.878	980134.524	-172.119	220.648	-80.008	-31.479	714.996