Technical Report

Magnetic Gradient & Radiometric Survey: Search Phase II

British Columbia, Canada
2016

for

Geoscience BC



Sander Geophysics Limited
260 Hunt Club Road
Ottawa, ON Canada K1V 1C1

Tel: +1 613.521.9626
Fax: +1 613.521.0215
www.sgl.com



Martin Bates, Ph.D., P.Geo.

Lindsay Upiter, M.Sc.

Sol Meyer, B.Sc.

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1. EXECUTIVE SUMMARY

Sander Geophysics Limited (SGL) conducted a fixed-wing high resolution aeromagnetic and gamma-ray survey in central British Columbia, Canada for Geoscience BC as part of the Search Project Phase II. Please refer to *Appendix I* for a Company Profile of SGL.

The survey was flown using three of SGL's Cessna 208B Grand Caravans, registrations C-GSGW, C-GSGL, C-GSGV. Production flights commenced on July 7 2016. On August 17, the project was extended in the southeast to include an area east of Kemano. A further small extension designated as the French Project was added in the northwest on September 1st. Data acquisition was completed on October 11 2016. A total of 133 flights were flown, 48 flights with C-GSGW (1001-1048), 55 flights with C-GSGL (2001-2055), and 30 flights with C-GSGV (3001-3030) during the survey to complete the planned 116,344 line kilometres. The survey operations were conducted from Burns Lake Airport (CYPZ), Burns Lake, BC, Canada and Smithers Regional Airport (CYYD), Smithers, British Columbia, Canada.

The traverse lines are oriented parallel to UTM East and spaced at 250 m, while the control lines are oriented parallel to UTM North and spaced at 2,500 m. Because the survey straddles two UTM zones, the lines in the eastern half that lie within UTM zone 10N are not perfectly parallel to those in the western half that lie within UTM zone 9N. A drape surface was created taking into account the terrain and the performance of the aircraft at the modelled altitudes and estimated temperature. The survey was flown with a target clearance of 80 m above ground level. The target ground speed was 120 knots.

2. INTRODUCTION

This report describes the survey that Sander Geophysics Limited (SGL) flew for Geoscience BC in the summer and early fall of 2016 in central British Columbia.

Magnetic gradiometry and radiometric data were gathered during this survey.

The Digital Data Compilation section details all processing performed from data acquisition to final product creation.



Picture 1: Mountain scenery found in the survey area



Picture 2: Bald eagles in the survey area

The following Project Brief gives a quick reference of the details of the survey.

Project Brief

Survey Title	High Resolution Airborne Magnetic Gradiometry and Radiometric Survey
Client:	Geoscience BC
Survey Location:	Central British Columbia, Canada
Survey Start Date:	July 7 2016
Survey End Date:	October 11 2016
Contact:	Bruce Madu (madu@geosciencebc.com)
Technical Inspector:	Todd Ballantyne (todd@in3dgeoscience.com)
Field Office Location:	Burns Lake, and Smithers, BC, Canada
Airport Used:	Burns Lake Airport (CYPZ) and Smithers Regional Airport (CYYD)
Aircraft Type:	Cessna Grand Caravan 208B
Total line kilometres:	116,344
Survey Flying Particulars	
Traverse Lines	
Line numbers:	1001 to 4220
Line direction:	East-West
Line spacing:	250 m
Control Lines	
Line numbers:	101 to 431
Line direction:	North-South
Line spacing:	2,500 m
Survey Altitude:	smoothed drape with target height of 80 m above ground.
Digital Terrain Source:	SRTM (http://earthexplorer.usgs.gov/)
Number of Flights (numbers):	133 (1001-1048, 2001-2055, 3001-3030)
Aircraft Target Ground Speed	120 knots
Data	
Burns Lake Survey Base Parking Location (WGS-84):	W125:574 N54:22.9, 714 m
Smithers Survey Base Parking Location (WGS-84):	W127:11.2 N54:49.4, 517 m
Base Station Locations (WGS-84)	GND1: W125:46:24 N54:14:21 , 701.5 m GND2: W125:43:07 N54:10:55 , 749.7m GND3: W127:11:17 N54:49:13 , 514 m
Delivery Datum:	NAD-83 CSRS 2014
Projection:	UTM10N and UTM09N

3. SURVEY AREA

The survey area covered a good portion of the Regional District of Bulkley-Nechako and a small segment of the Coastal Mountain Range. The region is covered by forests, mountains, valleys, and a network of lakes and rivers. The terrain in the survey area varies from approximately 202 m above mean sea level (MSL) to approximately 2379 m above MSL. There is some human presence and infrastructure in the block especially along Highway 16, as well as a couple of abandoned and working mines. The weather in the region varied over the course of the survey. In the summer, clear skies and temperatures around 21° C were common. In the fall, the temperatures fell close to 0° C, accompanied by rain showers, fog and occasional snow flurries.



Picture 3: Local scenery

Survey Area Map

Although the survey was defined as four separate areas, it was flown as a single contiguous block. Three areas that correspond to two parks and the area around the towns of Houston and Barrett were excluded. *Figure 1* shows the geographical location of the survey area. The planned survey lines are illustrated in *Figure 2* and listed in *Appendix II*. The flown lines are listed in *Appendix III*.

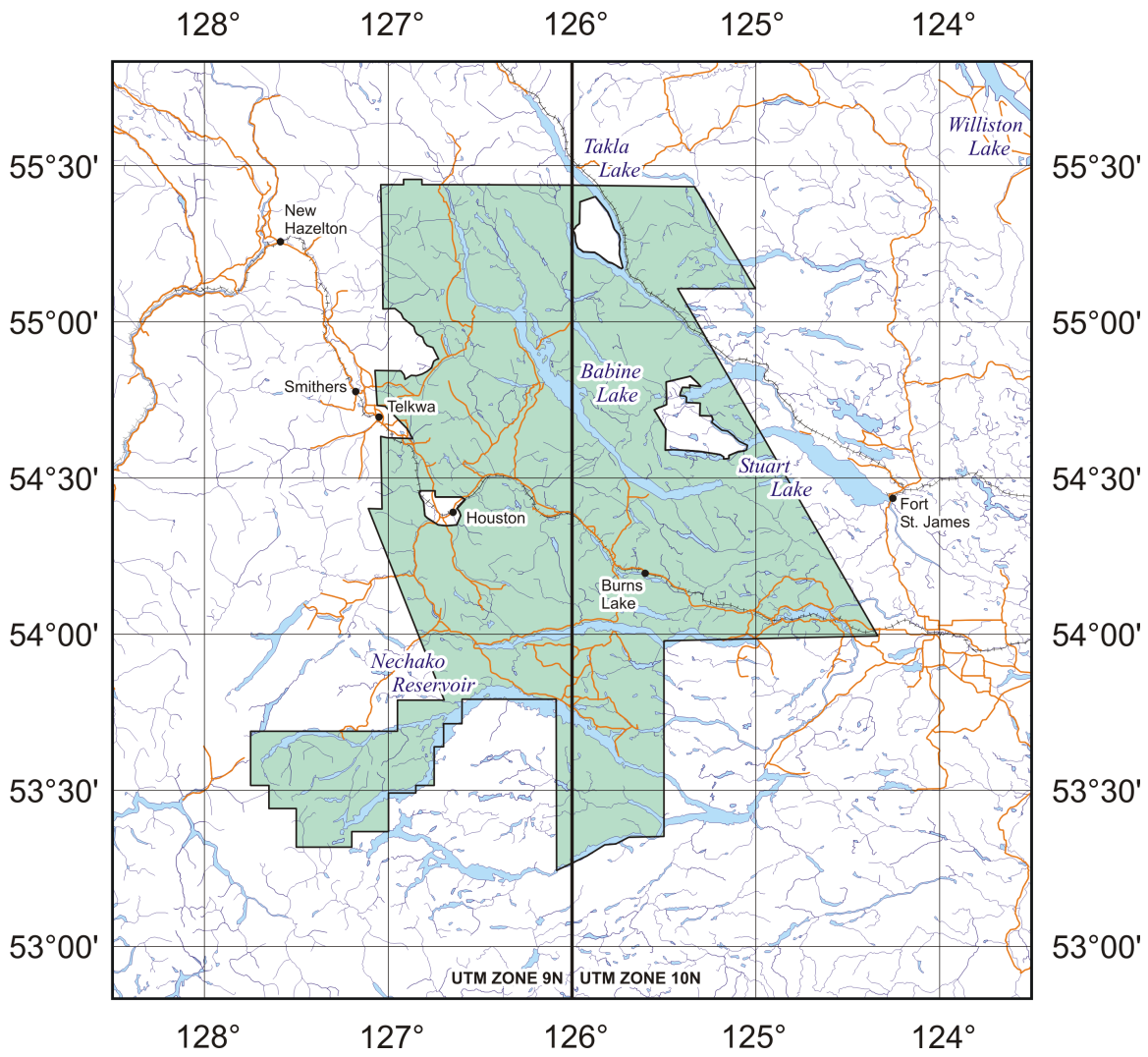


Figure 1: Survey Area

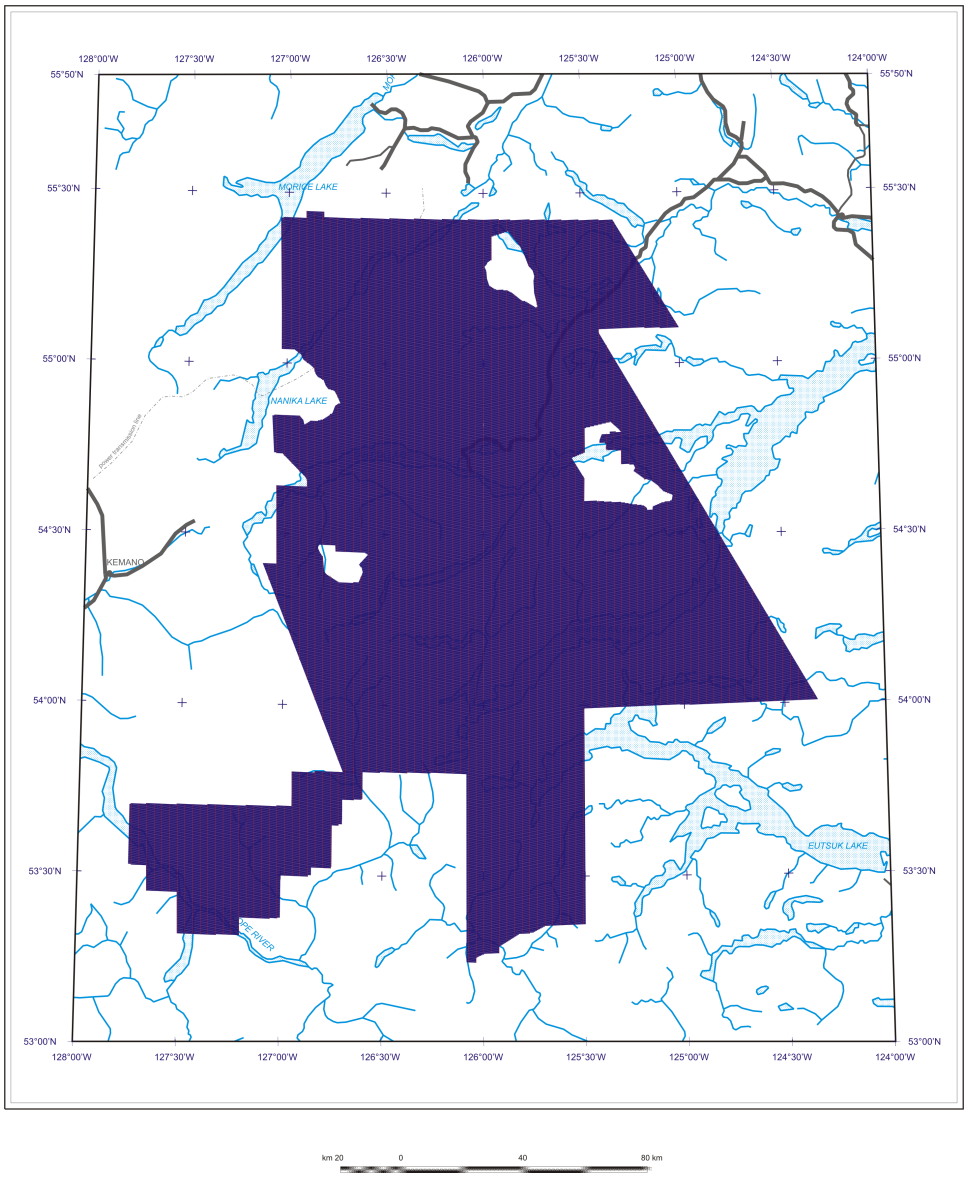


Figure 2: Survey Area Flight Lines plotted in projection UTM zone 9N, datum WGS-84

Survey Boundary

The survey area is defined by four sets of coordinates. The survey originally consisted of two adjacent blocks, one in UTM zone 9N and one in UTM zone 10N. Although they adjoin, they were planned seperately as the lines were defined as parallel to UTM in each zone, although lines were designed so as they could be flown continuously from one zone to the other. Three exclusion areas were removed from the survey due to parks or significant human habitation. During the survey two additions were made; a substantial extension to the southwest and a smaller extension called the French Project to the northwest. The coordinates of the four survey blocks and the three exclusion areas are provided in *Tables 1* to *7*.

Table 1: UTM09N Simplified Survey Boundaries (WGS-84, Latitude/Longitude)

Degrees N	Degrees W
N53.272281	W126.000000
N53.248555	W126.084427
N53.802733	W126.086084
N53.802482	W126.349140
N53.803220	W126.479008
N53.803345	W126.697724
N54.412650	W127.109484
N54.410485	W127.033466
N54.640803	W127.041797
N54.635788	W127.008695
N54.635791	W127.008697
N54.633645	W126.868419
N54.666490	W126.900685
N54.735078	W127.017947
N54.738014	W127.060653
N54.741229	W127.060677
N54.741642	W127.061029
N54.847215	W127.072002
N54.846421	W126.989291
N54.846176	W126.963748
N54.845868	W126.931645
N54.844287	W126.930853
N54.833637	W126.914443
N54.819861	W126.908899
N54.832396	W126.874764
N54.831169	W126.846466
N54.836224	W126.814462
N54.845212	W126.790327
N54.854751	W126.767246
N54.875945	W126.753845
N54.881829	W126.739582
N54.883158	W126.727208
N54.903883	W126.742536
N54.919709	W126.757788
N54.925630	W126.789965
N54.935343	W126.802984
N54.951189	W126.813994
N54.960784	W126.844142
N54.969281	W126.855019
N54.985153	W126.861777
N54.996021	W126.883424
N55.010464	W126.918017
N55.026284	W126.931235
N55.040714	W126.965870

Degrees N	Degrees W
N55.040206	W127.028980
N55.146924	W127.030894
N55.426280	W127.041145
N55.422408	W126.000000
N55.300000	W126.000000
N55.200000	W126.000000
N55.100000	W126.000000
N55.000000	W126.000000
N54.900000	W126.000000
N54.800000	W126.000000
N54.700000	W126.000000
N54.600000	W126.000000
N54.500000	W126.000000
N54.400000	W126.000000
N54.300000	W126.000000
N54.200000	W126.000000
N54.100000	W126.000000
N54.000000	W126.000000
N53.900000	W126.000000
N53.800000	W126.000000
N53.700000	W126.000000
N53.600000	W126.000000
N53.500000	W126.000000
N53.400000	W126.000000

Table 2: UTM10N Simplified Survey Boundaries (WGS-84, Latitude/Longitude)

Degrees N	Degrees W
N55.103949	W125.002178
N55.103172	W125.424875
N54.878592	W125.196417
N54.485803	W124.803890
N54.014865	W124.344685
N54.005938	W124.336860
N53.991295	W125.500020
N53.937151	W125.500069
N53.359074	W125.500588
N53.359458	W125.602614
N53.356192	W125.693159
N53.334479	W125.762046
N53.332107	W125.823446
N53.296272	W125.919234
N53.272281	W126.000000
N53.300000	W126.000000
N53.350000	W126.000000
N53.400000	W126.000000
N53.450000	W126.000000
N53.500000	W126.000000
N53.550000	W126.000000
N53.600000	W126.000000
N53.650000	W126.000000
N53.700000	W126.000000
N53.750000	W126.000000
N53.800000	W126.000000
N53.850000	W126.000000
N53.900000	W126.000000
N53.950000	W126.000000
N54.000000	W126.000000
N54.100000	W126.000000
N54.150000	W126.000000
N54.200000	W126.000000
N54.250000	W126.000000
N54.300000	W126.000000
N54.350000	W126.000000
N54.400000	W126.000000
N54.450000	W126.000000
N54.500000	W126.000000
N54.550000	W126.000000
N54.600000	W126.000000
N54.650000	W126.000000
N54.700000	W126.000000
N54.750000	W126.000000

Degrees N	Degrees W
N54.800000	W126.000000
N54.850000	W126.000000
N54.900000	W126.000000
N54.950000	W126.000000
N55.000000	W126.000000
N55.100000	W126.000000
N55.150000	W126.000000
N55.200000	W126.000000
N55.250000	W126.000000
N55.300000	W126.000000
N55.350000	W126.000000
N55.400000	W126.000000
N55.410000	W126.000000
N55.415000	W126.000000
N55.420000	W126.000000
N55.422408	W126.000000
N55.419921	W125.335000

Table 3: Southwest Extension Simplified Survey Boundaries (WGS-84, Latitude/Longitude)

Degrees N	Degrees W
N53.7999987038	W126.6000001862
N53.7250107663	W126.5999996146
N53.7250055873	W126.7000022785
N53.6499953826	W126.7000002445
N53.6499978819	W126.7499796324
N53.5249959836	W126.7500000618
N53.5249968446	W126.8500003358
N53.4999975454	W126.8499796550
N53.4999981542	W126.9999998472
N53.3750123150	W126.9999083516
N53.3750067943	W127.2000004730
N53.3250074341	W127.2000004775
N53.3250131859	W127.4999999989
N53.4499942712	W127.5000003491
N53.4499941155	W127.6499798764
N53.5249938887	W127.6500000100
N53.5249980824	W127.7500000780
N53.6999999724	W127.7499793392
N53.6999939366	W126.9499801404
N53.7999941784	W126.9499801567

Table 4: French Project Extension Simplified Survey Boundaries (WGS-84, Latitude/Longitude)

Degrees N	Degrees W
N55:25:33.8637	W126:54:40.1631
N55:26:45.1464	W126:54:40.4230
N55:26:40.5245	W126:49:37.5321
N55:25:29.5593	W126:49:36.8315

Table 5: Exclusion 1 Simplified Survey Boundaries (WGS-84, Latitude/Longitude)

Degrees N	Degrees W
N55.1831829500	W125.7843053961
N55.1647683325	W125.7301007051
N55.1684143203	W125.7229304724
N55.2075096237	W125.7398280798
N55.2425068380	W125.7431812504
N55.2567379612	W125.7387934728
N55.2730285991	W125.7465684756
N55.2877187449	W125.7686936012
N55.3227504763	W125.7921635739
N55.3406755137	W125.8064236787
N55.3887719854	W125.8737310299
N55.3888037969	W125.8737638527
N55.3733676939	W125.9578123400
N55.3054154873	W125.9592068370
N55.2972894139	W125.9793982828
N55.2920007354	W125.9829848657
N55.2846782428	W125.9944542644
N55.2749129441	W125.9865744461
N55.2696234857	W125.9844270864
N55.2496868689	W125.9815707234
N55.2297484542	W125.9701292043
N55.2183448248	W125.9386572951
N55.2175142278	W125.9107560707
N55.2158595442	W125.8785658636
N55.2085091286	W125.8535529037
N55.1856560714	W125.8035940607
N55.1831829500	W125.7843053961

Table 6: Exclusion 2 Simplified Survey Boundaries (WGS-84, Latitude/Longitude)

Degrees N	Degrees W
N54.8288249533	W125.3567428762
N54.8115526800	W125.4873232499
N54.7400138095	W125.4870724938
N54.7243774340	W125.5540088409
N54.6638523551	W125.4903276739
N54.5969585615	W125.4923088067
N54.5987625390	W125.4498418054
N54.5950285482	W125.3627158894
N54.5933792724	W125.3030966054
N54.5905838306	W125.2779114145
N54.5877621897	W125.2492894304
N54.5834386347	W125.1943243906
N54.5753685877	W125.1761387392
N54.5693998241	W125.1751125816
N54.5705361727	W125.1475758710
N54.5798088703	W125.1473825864
N54.5926771226	W125.0943505087
N54.5937865753	W125.0656490188
N54.5983082749	W125.0506319556
N54.6128437159	W125.0457037631
N54.6169328148	W125.0605287693
N54.6244603081	W125.0924979258
N54.6418897477	W125.1208211056
N54.6573731926	W125.1561019895
N54.6602165634	W125.1847663288
N54.6790440846	W125.2280691403
N54.6844286792	W125.2417623836
N54.6936514581	W125.2335419187
N54.7036364359	W125.2414051633
N54.7059975644	W125.3046220690
N54.7450756564	W125.3039548804
N54.7474690616	W125.3799035603
N54.7626913777	W125.3773681384
N54.7673683111	W125.3853600029
N54.7689826709	W125.4133368472
N54.7767705908	W125.4117180989
N54.7952550661	W125.3987710785
N54.7937328863	W125.3596030956
N54.8016869750	W125.3606307463
N54.7980496349	W125.3007428037
N54.8094063034	W125.3178442570
N54.8288189293	W125.3555893120
N54.8288374343	W125.3555303274
N54.8288249533	W125.3567428762

Table 7: Exclusion 3 Simplified Survey Boundaries (WGS-84, Latitude/Longitude)

Degrees N	Degrees W
N54.4330701373	W126.8079440179
N54.3904316596	W126.8007735314
N54.3822742864	W126.7883782227
N54.3602321278	W126.7294336502
N54.3575175767	W126.6827533517
N54.3603429220	W126.6272313674
N54.3793720069	W126.6129824677
N54.3893376417	W126.6070404745
N54.4028289154	W126.6126259481
N54.4116131543	W126.6264113723
N54.4404426611	W126.5817275835
N54.4484919416	W126.6022025037
N54.4485472196	W126.7446201964
N54.4684670796	W126.7462181968
N54.4685408396	W126.8268127731
N54.4675676494	W126.8265706660
N54.4627935695	W126.8323890658
N54.4588865874	W126.8331380690
N54.4463950058	W126.8232505923
N54.4330701373	W126.8079440179

4. SURVEY SPECIFICATIONS

Data Recording

In the aircraft:

- GPS positional data (time, latitude, longitude, altitude and raw range from each satellite being tracked) 10 readings per second (10 Hz);
- Altitude as measured by the barometric altimeter at 10 readings per second (10 Hz);
- Terrain clearance as measured by the radar altimeter at 10 readings per second (10 Hz);
- Terrain clearance as measured by the laser rangefinder at 3.3 readings per second (3.3 Hz);
- Total magnetic field recorded at 160 readings per second (160 Hz) from the port wingtip sensor (Mag1), the starboard wingtip sensor (Mag2) and the tail stinger sensor (Mag3);
- Airborne spectrometer data recorded in windowed and 256 channel spectral format at 1 reading per second (1 Hz);
- Outside air temperature at 10 readings per second (10 Hz);

At the base and remote magnetic/GPS reference stations:

- Total magnetic field at 11 readings per second (11 Hz);
- GPS positional data (time, latitude, longitude, and raw range from each satellite being tracked) at 10 readings per second (10 Hz).

Technical Specifications

The following technical specifications were adhered to:

- The noise level of the airborne magnetometers may not exceed an envelope of +/- 0.20 nT for a period of three (3) minutes or more while on line.

- The noise level of the ground magnetometer may not exceed an envelope of +/- 0.10 nT for a period of three (3) minutes or more while on line.

- Diurnal variations must not exceed a maximum deviation from a linear chord of 10 nT over a period of five (5) minutes or less.

- Horizontal deviation from theoretical lines must not exceed 20 m for a distance greater than 4 km and not greater than 50 m in any instance, subject to safety considerations.

- Vertical deviation from planned drape surface must not exceed 10 m for a distance greater than 4 km and not greater than 30 m in any instance, subject to safety considerations.

- Accuracy of the position of the aircraft must not exceed 1 m in X, Y, or Z after differential correction.

- Data gaps must not exceed 0.5 sec in any of time, airborne or ground GPS xyz, or airborne magnetometer

- Spectrometer data must not exceed 10 cps inherent noise in each channel and less than or equal to 5% drift in peaks.

- The airborne magnetometer Figure of Merit (FOM) must not exceed 1.5 nT with all equipment operating

Flight Line Specifications

The survey area flight line specifications are listed in the following table. The line direction is with respect to the UTM zone reference frame.

Table 8: Flight line specifications

	Line Direction	Line Spacing (m)
Traverse Lines	East-West	250
Control Lines	North-South	2,500

Survey Ground Speed

The survey target average ground speed was 120 knots.

Terrain Clearance

A pre-planned drape surface was prepared for the survey to guide the aircraft over the topography in a consistent manner, as close to the minimum clearance as possible. The drape surface was prepared with digital elevation model (DEM) data obtained from the Shuttle Radar Topography Mission (http://srtm.usgs.gov/) for the area in question. The DEM included an extension beyond the survey boundary to allow the aircraft to achieve the drape clearance before coming on line.

The drape surface was created with a climb and descent rate of 348 ft/nm at an altitude of 489 m to 312 ft/nm at an altitude of 2371 m above sea level (ASL). Interpolation or extrapolation was used to calculate climb and descent rates for the smooth surface for all locations. The temperature component used for the calculation was based on published weather history. The drape surface created was below the maximum climbing and descending capabilities of the survey aircraft and guided the aircraft as close to the target height of 80 m above the terrain as possible in all locations whilst retaining reasonable safety margins.



Picture 4: Preparing the aircraft for a survey flight in Smithers, British Columbia.

5. SURVEY EQUIPMENT

SGL provided the following instrumentation for this survey; see *Appendix IV* for further details:

Airborne Navigation and Data Acquisition System

Sander Geophysics Data Acquisition System (SGDAS)

The SGDAS is the latest version of airborne navigation and data acquisition computers developed by SGL. It is the data gathering core for all the different types of survey data. The computer incorporates an altimeter analog to digital converter and a NovAtel GPS multi-frequency receiver (see the GNSS and GPS Receivers section below for the details) which automatically provides the UTC time base for the recorded data. The system acquires the different data streams from the sensors and receives and processes GPS signals from the GPS antenna. Navigation information from the navigation side of the computer guides the pilots along the pre-planned flight path in all three dimensions. Profiles of the incoming data are displayed in real-time to the pilots for continuous monitoring. The data are recorded in database format on redundant solid-state data storage modules.

Aerial and Ground Magnetometers

Geometrics G-822A

Both the ground and airborne systems used a non-oriented (strap-down) optically-pumped cesium split-beam sensor. These magnetometers have a sensitivity of 0.005 nT and a range of 20,000 to 100,000 nT with a sensor noise of less than 0.0005 nT. The airborne sensor was mounted in a fibreglass stinger extending from the tail of the aircraft. The system included two additional sensors, housed in each wingtip pod. Total magnetic field measurements were recorded at 160 Hz in the aircraft, then later down sampled to 10 Hz in the processing. The ground systems recorded magnetic data at 11 Hz.

Magnetic Compensation System

Sander Geophysics AIRComp

SGL's own hardware and software system, AIRComp, was used to remove the effects of the aircraft and its manoeuvres from the recorded magnetic data. This system records the magnetic field measured by up to 4 cesium magnetometers, as well as the three axis output of a fluxgate magnetometer. These data are recorded for post-processing. Calibration of the magnetic effects of the aircraft is carried out as described in section 6, System Tests. Coefficients to be used for compensation are derived by processing the calibration flight data. The compensation coefficients are applied to data recorded during normal survey operations to produce compensated magnetic data.

Airborne Gamma-Ray Spectrometer System

Exploranium GR820 with crystal detector packs GPX-1024

The Exploranium spectrometer system includes an on-board computer for real-time signal processing and analysis, allowing automatic gain control for individual crystals using the natural thorium peak, and multi-channel recording and analysis. The system utilizes a NaI(Tl) detector volume of 58.8 L consisting of 12 downward-looking and 2 upward-looking parallelepiped crystals of 4.2 L each, housed in three detector packs. Data were recorded in 256 channel spectral mode and windowed data mode at an interval of 1 Hz.

Reference Station Acquisition System

Sander Geophysics MSGRef

The MSGRef (mini SGRef) consists of a data acquisition computer and a GPS receiver (see the GNSS and GPS Receivers section below for the details). All data are displayed on an LCD flat panel monitor. The GPS data, sampled at 10 Hz, are recorded on the internal hard drive of the computer and the removable hard drive simultaneously for transfer to the processing computers in the field office. The entire reference data acquisition system is fully automatic and was set for unattended recording.



Picture 5: Reference station Gnd1 setup with the GPS sensor on the right (the magnetic sensor is out of the picture).

Reference Station And Airborne Acquisition System GPS Receivers

NovAtel OEMV-3 receiver board

The NovAtel OEMV-3, multi-frequency GNSS (Global Navigation Satellite System) receiver is configurable up to 72 channels with the tracking of GPS (L1, L2, L5), GLONASS (L1, L2), SBAS, and L-band satellites and signals. It provides averaged position and raw range information of all satellites in view. GNSS positional data are recorded at 10 Hz.

Altimeters

SGLas-P - Riegl LD90-31K-HiP Laser Rangefinder

The Riegl laser altimeter uses a single optical laser beam to measure distance to the ground. It is effective over water and is eye safe. This profilometer has a range of 1500 m, a resolution of 0.01 m with an accuracy of 5 cm and a 3.3 Hz data rate.

TRT ERT 530A Digital Radar Altimeter

The TRT uses radio wave echoing to determine the height above ground. It will generally "see through" foliage to some degree depending on the density of the vegetation. The TRT radar altimeter has a resolution of 0.5 m, an accuracy of 1%, a range of 1 to 2,440 m and a 10 Hz data rate.

Bendix/King KRA-10A Radar Altimeter

The Bendix-King radar altimeter has a resolution of 0.5 m, an accuracy of 5%, a range of 6 to 760 m, and a 10 Hz data rate. This system is employed as a backup system and not actively employed for survey guidance.

Sensotec Digital Barometric Pressure Sensor

The barometric pressure sensor measures static pressure to an accuracy of ± 4 m and resolution of 2 m over a range up to 30,000 ft above sea level. The barometric altimeter data is sampled at 10 Hz.

Air Temperature Sensor

Omega RTD-805 Outside Air Temperature Probe

The outside air temperature is measured at 10 Hz with a resolution of 0.1 °C. The temperature sensor has a range of +/-100 °C and an accuracy of +/-0.2 °C. The temperature sensor is mounted in an air inlet duct at the point where the wing strut attaches to the right hand wing.

Survey Aircraft

Cessna 208B Grand Caravan (C-GSGL, C-GSGV, C-GSGW)

The Cessna 208B Grand Caravan is an all metal, high wing single-engine aircraft powered by a Pratt & Whitney Canada PT6A-114A engine driving a constant speed, full feathering, reversible propeller. The aircraft has fixed gear, extendable flaps, manually adjustable trim tabs, full de-icing equipment, and sufficient avionics for instrument flying. The Grand Caravan is equipped with a rigid aluminum and composite material 3 m tail stinger designed to accommodate the magnetometer sensor. The belly of the aircraft has a 14 cm diameter glass opening allowing for the laser altimeter and video camera. The airframe has been extensively modified to reduce the magnetic signature of the aircraft by replacing ferromagnetic parts with those made from special non-magnetic stainless steel or aluminum. Several wiring changes have also been made to the electrical system to reduce the magnetic field variations around the aircraft. Other alterations have been made to the Grand Caravan allowing for gravity, spectrometer, LiDAR and methane sensing surveys. All survey modifications are certified to meet the requirements of the Canadian Aviation Regulations (CARs). A complete description of this survey aircraft is given in *Appendix V*.

Data Processing Hardware and Software

Compilation of the data was performed on high performance desktop and laptop computers optimized for data processing tasks. SGL's proprietary geophysical software was used for data processing.



Picture 6: The three aircraft in Burns Lake, British Columbia.

6. SYSTEM TESTS

Magnetometer System Tests

Magnetometer Heading Test

A test was performed to measure the heading error of the magnetic system in the survey aircraft. The test was performed by flying a "cloverleaf" pattern over a known point at survey altitude. The cloverleaf consists of a pass over the known point orientated in all four directions of the traverse and control lines.

The heading test was performed prior to the start of the survey in Burns Lake with C-GSGL on July 15 2016, C-GSGV on July 19 2016 and C-GSGW on July 09 2016, . The heading test flight lines were pre-planned, and reference ground magnetic data were obtained through the use of an SGL reference station.

The results of the heading test are presented in *Appendix VI*, while a summary of the results is presented in *Table 9.* The heading error remains consistent through the duration of the survey, and is fully corrected in the normal airborne magnetic data during processing.

Table 9: Heading test result summary

Aircraft	Magnetometer 1		Magnetometer 2		Magnetometer 3	
	Average North-South Heading Error	Average East-West Heading Error	Average North-South Heading Error	Average East-West Heading Error	Average North-South Heading Error	Average East-West Heading Error
C-GSGL	1.14 nT	0.09 nT	1.07 nT	-0.02 nT	0.82 nT	0.38 nT
C-GSGV	0.71 nT	0.08 nT	0.88 nT	-0.42 nT	-0.16 nT	-0.36 nT
C-GSGW	0.16 nT	0.48 nT	0.36 nT	0.36 nT	0.01 nTr	0.53 nT

Compensation Calibration

Compensation calibrations determine the magnetic influence of aircraft and its manoeuvres. During the compensation calibration flight, the aircraft performs sets of three pitches (+/-5°), rolls (+/-10°), and yaws (+/-5°), while flying in the four flight line directions at high altitude over a magnetically quiet area. The coefficients calculated from the calibration are applied to the acquired magnetometer data to measure the effectiveness of the compensation system in mitigating the magnetic interference.

The total compensated signal noise resulting from the twelve manoeuvres, referred to as the Figure of Merit (FOM), is calculated from the maximum peak-to-peak value resulting from each manoeuvre. A new compensation calibration must be performed after any aircraft or system modifications that may affect the aircraft's magnetic field interference. Calibration flights were performed for all three aircraft at the start of the survey. Additional calibration flights were perfomed by aircraft C-GSGL on July 31, 2016 due to installation of a new starter generator and on August 10, 2016 due to installation of a new fluxgate magnetometer. An additional calibration flight was performed by aircraft C-GSGV on August 11, 2016 due to installation of a new fluxgate magnetometer. *Table 10* shows the compensation calibration tests performed and the results. See *Appendix VII* for an illustration of the compensated and uncompensated data acquired during the compensation calibration.

Table 10: Magnetic compensation calibration tests and results

Date	Flight	Aircraft	Mag1 FOM (nT)	Mag2 FOM (nT)	Mag3 FOM (nT)	Used for Flights
09 July 2016	9002	SGW	1.40	1.14	0.97	1001-1048
15 July 2016	9201	SGL	1.49	1.24	1.13	2001-2015
20 July 2016	9302	SGV	1.11	1.16	0.80	3001-3003
31 July 2016	2017	SGL	0.81	0.92	0.81	2016-2024
10 August 2016	2025	SGL	1.30	1.46	1.49	2025-2055
11 August 2016	9303	SGV	0.94	1.18	0.95	3004-3030

Instrumentation Lag

The lag in the magnetic data is a function of two components, a static lag due to signal processing and a speed-dependent dynamic lag due to the physical offset of the magnetometer and the GPS antenna. Both elements of the lag are well-known. The wing tip sensors are 1.1 m behind the GPS sensor as measured down the long axis of the aircraft. The tail sensor is 12.0 m (C-GSGW) or 12.1 m (C-GSGV & C-GSGL) behind the GPS sensor. A 0.244 s static lag correction due to signal processing, plus a dynamic lag correction for the tail sensor and two wing tip sensors were applied to each data point. The actual correction, applied to each data point, depends on the instantaneous velocity of the aircraft, and varies between 0.04 s and 0.06 s. The aircraft speed dependent dynamic lag was calculated using SGL's Dynlag software.

The lag test was flown on August 1, 2016 for C-GSGL, August 12, 2016 for C-GSGV, and August 1, 2016 for C-GSGW. All tests were flown at the field location. The results are shown in *Appendix VIII.*

Spectrometer System Tests

Ground Calibration Pads Test

The stripping ratios for the gamma-ray spectrometer were determined in Ottawa before the aircraft departed for the survey on June 17, 2016 for C-GSGL, July 4, 2016 for C-GSGV, and June 23, 2016 for C-GSGW. The GSC calibration pads, which are stored at the SGL hangar in Ottawa, were used. The tests were performed with the detectors installed in survey configuration on board the aircraft, except the packs that would eventually go inside C-GSGL were tested inside C-GSGW. Each detector was tested separately and the test results were averaged to create stripping ratios for this system. See *Tables 11* to *13* for a list of stripping ratios.

The following procedure was carried out:

- Cesium stabilization
- Thorium stabilization
- Pre-pads source test, one thorium source below pack
- Stabilization on thorium taken off
- Pads test carried out in order: background, potassium (six minutes recording each)
- Re-stabilize on thorium
- Stabilization on thorium taken off
- Pads test carried out in order: uranium, thorium, and background (six minutes recording each)
- Stabilization on thorium put on
- Post-pads source test, one thorium source below pack

Table 11: Spectrometer stripping ratios C-GSGL

Thorium into Uranium (α)	0.2345
Thorium into Potassium (β)	0.3877
Uranium into Potassium (γ)	0.6909
Uranium into Thorium (a)	0.0402
Potassium into Thorium (b)	0.0000
Potassium into Uranium (g)	0.0031

Table 12: Spectrometer stripping ratios C-GSGV

Thorium into Uranium (α)	0.2669
Thorium into Potassium (β)	0.4150
Uranium into Potassium (γ)	0.7635
Uranium into Thorium (a)	0.0485
Potassium into Thorium (b)	0.0000
Potassium into Uranium (g)	0.0066

Table 13: Spectrometer stripping ratios C-GSGW

Thorium into Uranium (α)	0.2639
Thorium into Potassium (β)	0.3900
Uranium into Potassium (γ)	0.7591
Uranium into Thorium (a)	0.0456
Potassium into Thorium (b)	0.0000
Potassium into Uranium (g)	0.0068

Attenuation Test

The exponential height attenuation coefficients for two spectrometers were calculated using data acquired during pre-survey test flights over the GSC test range at Breckenridge, Quebec. C-GSGW flew the test on June 17, 2016 with a set of packs that were later installed in C-GSGL, and again on June 23, 2016 with packs that would remain in C-GSGW. C-GSGV flew the test in the field on September 24, 2016 along a portion of line 1257 that runs close to the north shore of Nechako Reservoir. This line was chosen for its relatively strong and uniform concentrations (1.47% K, 0.96 ppm U, 3.17 ppm Th) established whilst flying the line earlier in the survey with the pre-calibrated system installed in C-GSGL. The calibration flights were carried out from approximately 100 m to 430 m mean terrain clearance at 30 m intervals. A series of background measurements were made by flying the same altitudes over the Ottawa River or Nechako Reservoir to determine the background due to cosmic radiation, radon decay products in the air and the radioactivity of the aircraft and equipment. Results of this test are given in *Tables 14* to *16*.

After correction for background and stripping, the variation in count rate with effective height was used to determine the attenuation coefficients shown in *Tables 17* to *19*. Results of the attenuation test are shown in *Figures 3 to 5*.

Table 14: Spectrometer calibration test data C-GSGL

Altitude at STP (m)	Total Counts (cps)	Potassium (cps)	Uranium (cps)	Thorium (cps)
132.8	1597.60	170.9	10.34	46.15
146.28	1457.30	151.8	8.79	42.10
158.12	1340.30	137.8	8.82	39.43
171.56	1214.50	119.9	7.66	36.62
196.52	1013.80	93.6	7.07	30.46
221.96	850.70	76.9	4.97	25.40
248.3	705.80	62.6	3.91	21.07
272.09	603.10	50.8	2.32	18.97
299.7	492.60	40.2	3.33	14.32
340.07	371.20	28.2	1.29	11.96
381.18	285.80	19.3	3.11	7.76
422.76	214.00	15.3	1.25	6.01

Table 15: Spectrometer calibration test data C-GSGV

Altitude at STP (m)	Total Counts (cps)	Potassium (cps)	Uranium (cps)	Thorium (cps)
57.65	1694.60	213.4	19.37	30.76
73.59	1510.90	184.8	16.61	27.45
99.85	1263.90	147.5	13.30	23.16
126.1	1045.50	118.1	10.10	19.72
151.29	887.30	93.8	9.22	16.03
176.75	739.60	74.7	7.81	13.59
199.88	633.00	61.5	5.93	12.24
224.68	534.40	50.3	5.24	10.35
252.04	445.10	40.7	3.98	8.47
277.73	374.90	32.3	3.42	7.66
324.31	275.00	22.7	2.81	5.22
382.51	189.70	14.7	1.67	3.46

Table 16: Spectrometer calibration test data C-GSGW

Altitude at STP (m)	Total Counts (cps)	Potassium (cps)	Uranium (cps)	Thorium (cps)
136.4	1613.30	174.4	10.46	48.44
151.07	1461.30	157.4	9.33	40.34
162.88	1343.90	141.2	9.85	37.54
177.03	1225.20	122.5	8.59	36.03
204.04	1013.60	100.1	5.16	30.59
227.84	856.50	81.7	4.82	24.99
256.58	703.20	62.7	4.71	20.34
280.52	583.50	51.7	2.69	18.09
306.96	487.20	42.1	1.83	15.13
348.31	367.60	28.2	1.53	11.99
391.4	279.40	20.6	1.82	8.43
431.57	211.00	13.7	1.54	6.60

Table 17: Spectrometer attenuation coefficients C-GSGL

	Coefficients (m^{-1})
TC	-0.007096
K	-0.008837
U	-0.008124
Th	-0.006799

Table 18: Spectrometer attenuation coefficients C-GSGV

	Coefficients (m^{-1})
TC	-0.006766
K	-0.008315
U	-0.007392
Th	-0.006612

Table 19: Spectrometer attenuation coefficients C-GSGW

	Coefficients (m^{-1})
TC	-0.006924
K	-0.008569
U	-0.007456
Th	-0.006584

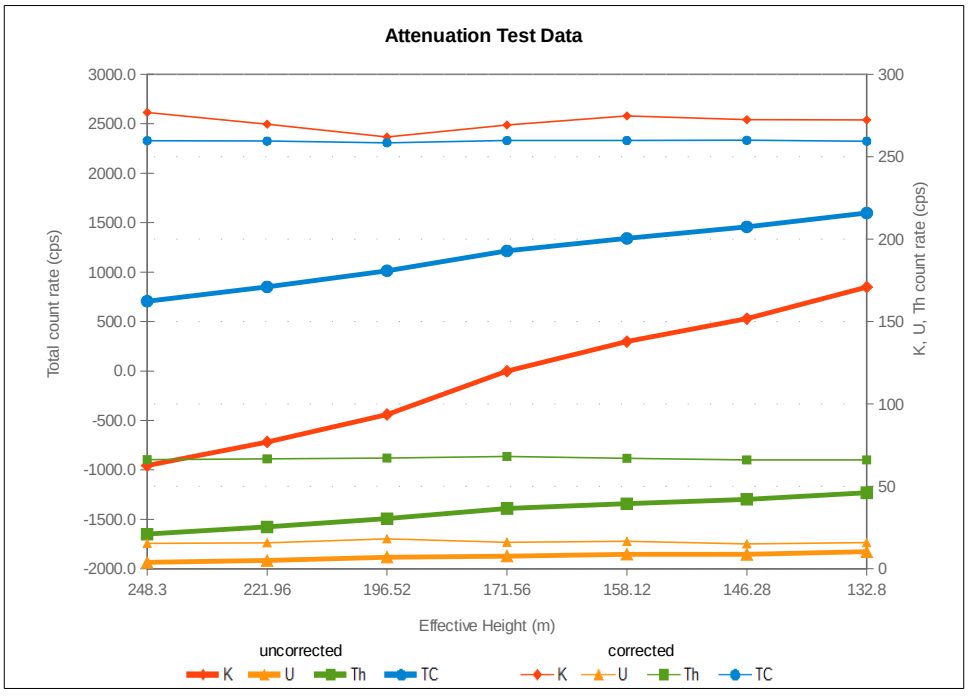


Figure 3: Spectrometer attenuation test C-GSGL

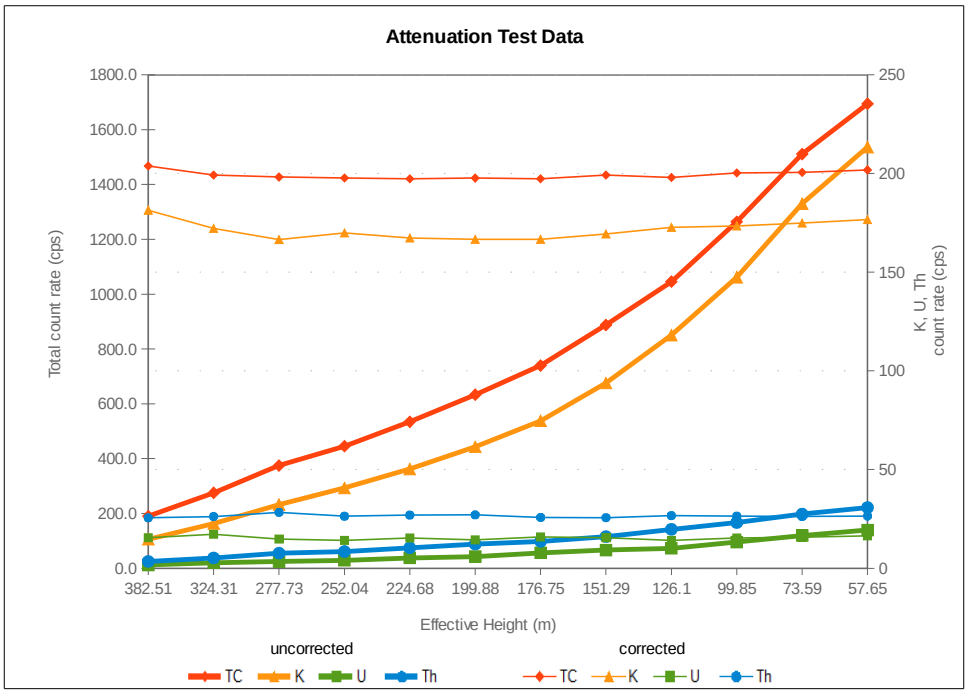


Figure 4: Spectrometer attenuation test C-GSGV

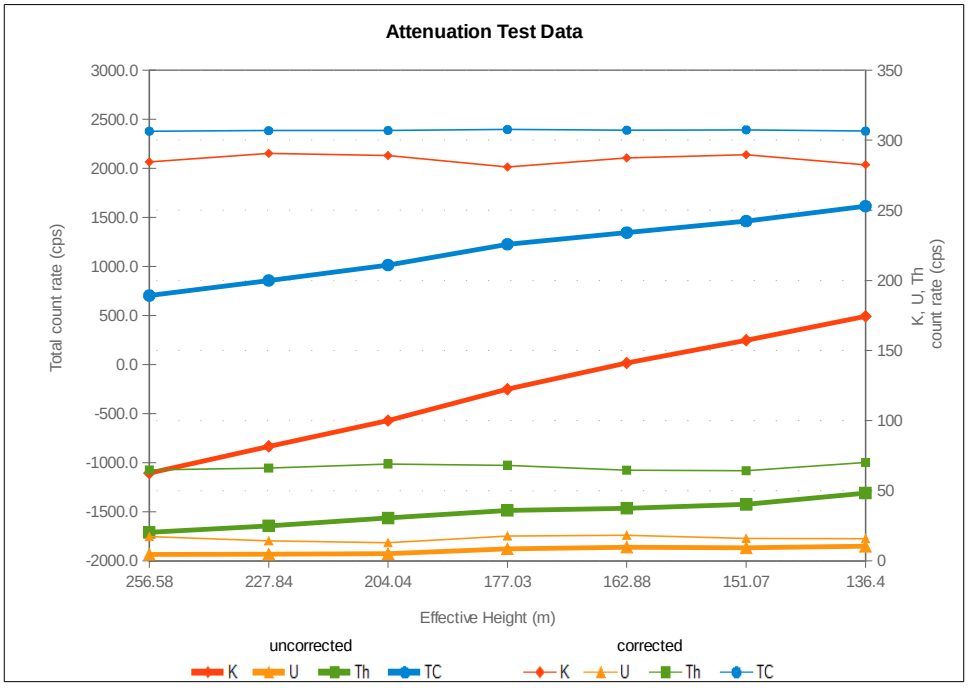


Figure 5: Spectrometer attenuation test C-GSGW

System Sensitivity

Pre-survey test flights were carried out over the GSC test range at Breckenridge, Quebec on June 17, 2016 by C-GSGW with a set of packs that would be later installed in C-GSGL, and again on June 23, 2016 with packs that would remain in C-GSGW, at the same time as the attenuation test. The test flight served to determine system sensitivities through comparison of airborne data with data acquired on the ground, as well as to determine the variation of the window counts with aircraft altitude (see attenuation coefficients above).

The ground measurements made using an Exploranium portable gamma-ray spectrometer, were acquired at 32 different sites along the 10 km length of the calibration range. Measurements were also made using the portable spectrometer on the Ottawa River to determine background radiation due to cosmic radiation, radon decay products in the air and any radioactivity of the equipment. The background was subtracted from the ground measurements and the ground concentrations of potassium, uranium and thorium were determined by calibration of the portable spectrometer using the GSC calibration pads located at Ottawa Airport.

The sensitivities of the airborne system for potassium, equivalent uranium, and equivalent thorium were calculated by dividing the average count rates corrected to an effective height of 80 m above ground by the measured ground concentrations.

For C-GSGV the system sensitivities were estimated by flying two passes of line 1257 flown earlier by C-GSGL and matching the collected data.

The results are presented in *Tables 20* to *22*.

Table 20: Spectrometer system sensitivities C-GSGL

	Average counts at 80 m (cps)	Ground Concentrations	Sensitivities
Potassium	271.0	2.21 %	122.65 cps/%
Equivalent Uranium	16.1	1.11 ppm	14.54 cps/ppm
Equivalent Thorium	66.8	8.87 ppm	7.53 cps/ppm

Table 21: Spectrometer system sensitivities C-GSGV

	Average counts at 80 m (cps)	Ground Concentrations	Sensitivities
Potassium	171.5	1.46 %	117.86 cps/%
Equivalent Uranium	15.4	1.06 ppm	14.43 cps/ppm
Equivalent Thorium	26.5	3.04 ppm	8.71 cps/ppm

Table 22: Spectrometer system sensitivities C-GSGW

	Average counts at 80 m (cps)	Ground Concentrations	Sensitivities
Potassium	286.9	2.22%	129.4cps/%
Equivalent Uranium	15.4	1.05ppm	14.70cps/ppm
Equivalent Thorium	67.1	9.22ppm	7.28cps/ppm

Cosmic and Aircraft Background

A cosmic and aircraft background test was performed with C-GSGL on July 15 2016, C-GSGV on July 25 2016, and C-GSGW on July 02 2016. All flights took place above Babine Lake to the north of Burns Lake airport in British Columbia. The test flight consisted of flying at heights of 7000 feet to 12000 feet above ground level at 1000 foot intervals, recording approximately 1 minute of data at each altitude for C-GSGL, flying at heights of 8000 feet to 13000 feet above ground level at 1000 foot intervals, recording approximately 1 minute of data at each altitude for C-GSGV, and flying at heights of 5000 feet to 9000 feet above ground level at 1000 foot intervals, recording approximately 6 minutes of data at each altitude for C-GSGW. Coefficients are determined by linear regression of cosmic counts versus each spectral window as described in the IAEA Report 323 (1991). *Tables 23* to *25* lists the computed cosmic and aircraft background coefficients. The cosmic test results are shown in *Appendix IX*.

Table 23: Cosmic coefficients C-GSGL

	Cosmic Stripping Factor	Aircraft Background
Total	0.5980	143.42
Potassium	0.0333	21.72
Uranium	0.0285	5.85
Thorium	0.0358	-0.53
Upward	0.0048	0.78

Table 24: Cosmic coefficients C-GSGV

	Cosmic Stripping Factor	Aircraft Background
Total	0.7649	58.27
Potassium	0.0426	15.89
Uranium	0.0335	1.72
Thorium	0.0408	-0.82
Upward	0.0057	0.15

Table 25: Cosmic coefficients C-GSGW

	Cosmic Stripping Factor	Aircraft Background
Total	0.7660	57.14
Potassium	0.0429	14.50
Uranium	0.0346	0.74
Thorium	0.0399	-0.66
Upward	0.0057	-0.07

Radon Background Calibration

Radon background was monitored through the use of two upward looking detectors. Coefficients relating the count rate in the uranium window from the upward detectors to the count rate in the potassium, uranium, thorium and total count windows from the downward facing detectors were determined using over water data acquired over various lakes in the survey area.

The cosmic and background corrected data from each of the up (ur), thorium (Tr), potassium (Kr) and total (Ir) windows are plotted against the counts in the uranium (Ur) window for each over water line flown. The coefficients determined for this survey are presented in *Tables 26* to *28*. Linear regressions of these plots provide the radon coefficients to be used in the radiometric data processing are shown in *Appendix X*.

Table 26: Radon correction coefficients C-GSGL

	a	*b*
Total	11.3929	-22.4065
Potassium	0.3927	2.7417
Thorium	0.0041	-0.1983
Upward	0.1391	-0.0961

Table 27: Radon correction coefficients C-GSGV

	a	*b*
Total	14.8768	14.6185
Potassium	0.7692	0.9804
Thorium	0.0099	-0.1020
Upward	0.1985	-0.1553

Table 28: Radon correction coefficients C-GSGW

	a	*b*
Total	11.9133	21.0824
Potassium	0.3927	2.7417
Thorium	0.2200	-0.7892
Upward	0.1808	-0.0020

Ground Component

The ground component coefficients are used to quantify the response of the upward looking detector to radiation from the ground using the technique described in IAEA Report 323. This involves computing two coefficients based on the counts in the uranium and thorium windows as follows:

$$u_g = a_1 U_g + a_2 T_g$$

where:	u_g is the upward window count from the ground
	U_g is the downward uranium window count
	T_g is the downward thorium window count
	a_1 and a_2 are the ground coefficients

Often, the occurrence of Uranium and Thorium coincides significantly to the extent that it is possible to derive a ground coefficient for Thorium only as a proxy for both Uranium and Thorium. This has the advantage that the correction is based on the Thorium only which generally has a higher signal to noise ratio. This is the approach that was adopted for this survey. The ground component coefficients used for this project are listed in *Tables 29* to *31*.

Table 29: Spectrometer ground component coefficients C-GSGL

a_1 (uranium)	a_2 (thorium)
0.0000	0.0554

Table 30: Spectrometer ground component coefficients C-GSGV

a_1 (uranium)	a_2 (thorium)
0.0000	0.0552

Table 31: Spectrometer ground component coefficients C-GSGW

a_1 (uranium)	a_2 (thorium)
0.0000	0.0500

Pre- And Post-Flight Test Lines

Over land test lines were flown at survey height and survey speed at the beginning of all production flights. When the crew relocated to Smithers, a new test line location was chosen. Following a complaint from a local resident, the test line was relocated once more. Corrected thorium data for the test lines were generally within +/- 10% of the average, see *Figures 6* to *8*.

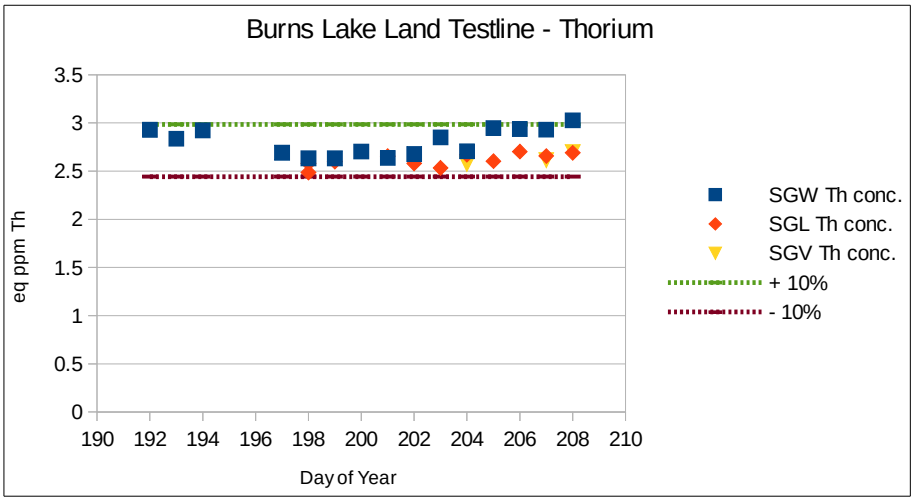


Figure 6: Test line results, Burns Lake Land - Thorium

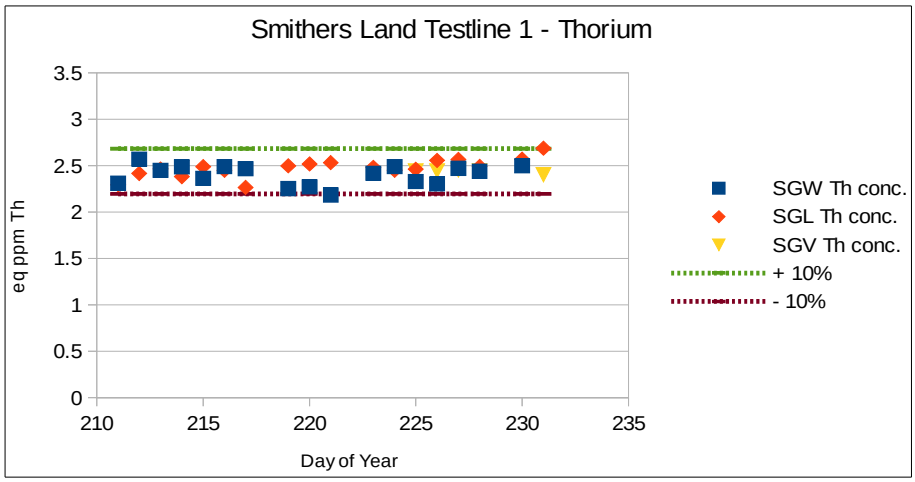


Figure 7: Test line results, Smithers Land Testline 1 - Thorium

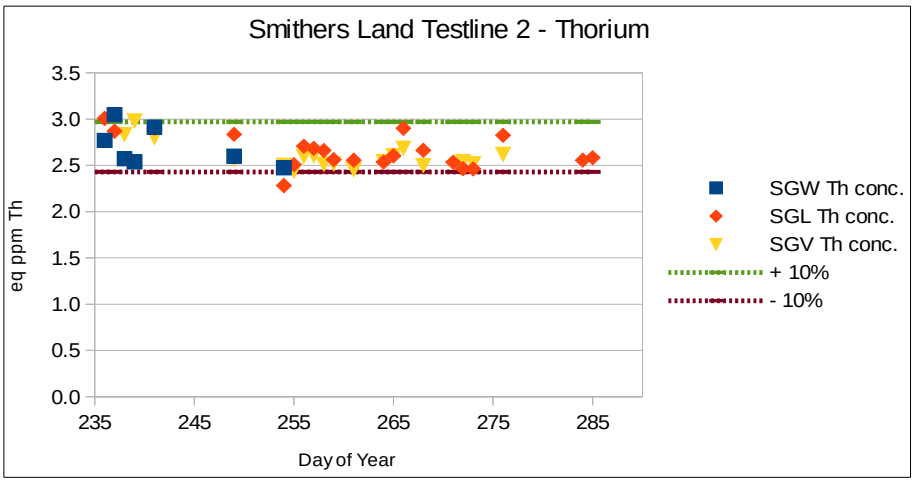


Figure 8: Test line results, Smithers Land Testline 2 - Thorium

Thorium Source Tests

Thorium source tests were performed at the start and end of each production day. A source was positioned beneath each crystal pack. Data from the thorium, and background windows were recorded for 300 seconds during each test. Recorded data were dead-time and background corrected and statistics were compiled. Thorium source test results were within +/-5 % of the mean value, see *Appendix XI*. The coherence of the data indicates that the system was operating correctly.

Altimeter System, Position And Digital Terrain Model Tests

Radar And Laser Altimeter Calibration

A test flight to calibrate the radar and laser altimeters was flown with C-GSGL on July 25 2016, C-GSGV on July 19 2016, and C-GSGW on May 12 2016. The tests for C-GSGL and C-GSGV were flown over the runway at Smithers Airport, British Columbia, while the test for C-GSGW was flown over the runway at the Ottawa International Airport. Five passes were conducted over the runway at heights from 0 to 300 m above ground at intervals of 60 m. The altimeter values were compared to the post-flight differentially corrected GPS altitude information for calibration. An ideal altimeter would yield a slope of 1 and an intercept of 0. The TRT radar altimeter slope was 0.9903 with an intercept of 1.8448 m for C-GSGL, 1.0103 with an intercept of 0.4249 m for C-GSGV, and 0.991 with an intercept of 1.004 m for C-GSGW. The laser altimeter slope was 1.0023 with an intercept of 0.0038 m for C-GSGL, 1.0056 with an intercept of -0.4501 m for C-GSGV, and 1.0015 with an intercept of -0.0294 m for C-GSGW. The Bendix/King radar altimeter slope was 1.0308 with an intercept of 1.5100 m for C-GSGL, 0.9535 with an intercept of -2.8859 m for C-GSGV, and 1.0848 with an intercept of 0.4301 m for C-GSGW. These results are well within the expected accuracy of the altimeters. Please refer to *Figures 9* to *11* which illustrates the results of the altimeter test.

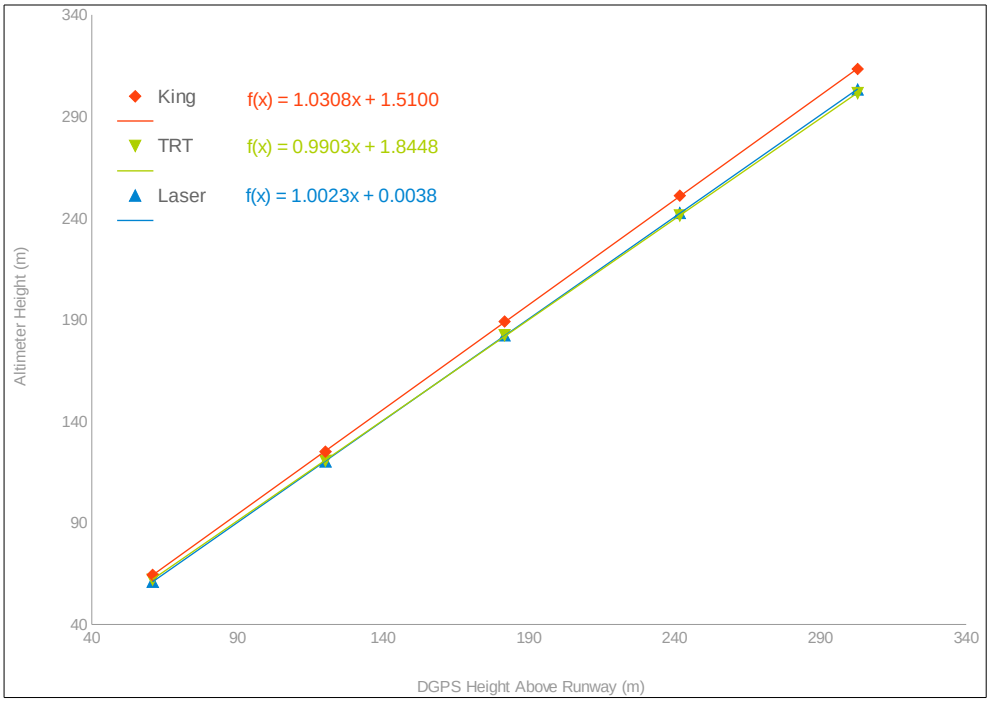


Figure 9: Altimeter test C-GSGL

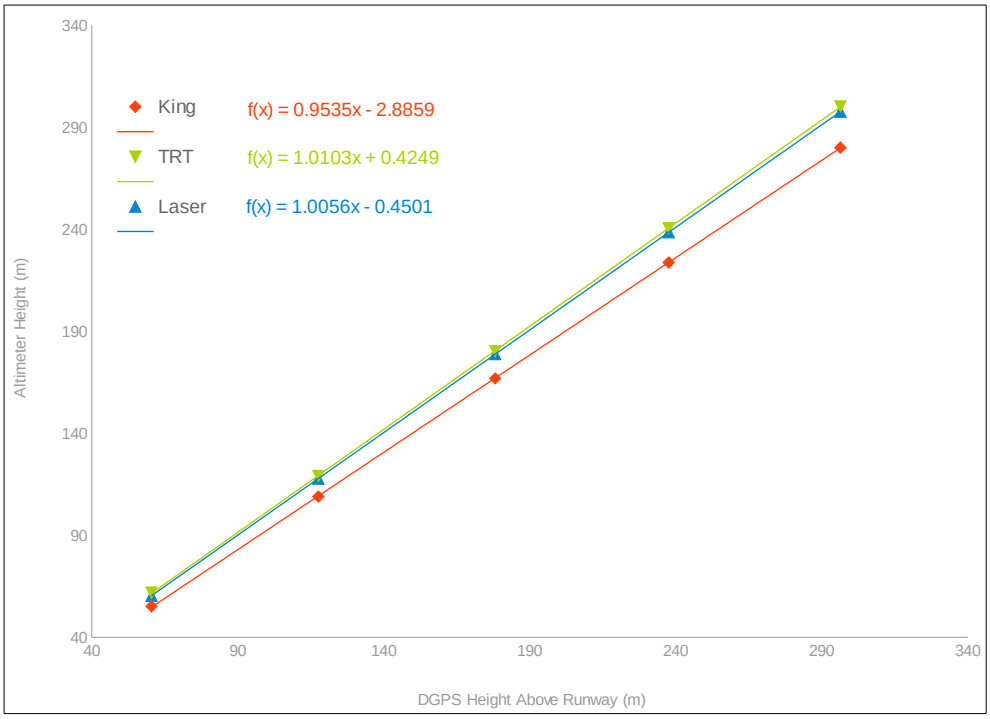


Figure 10: Altimeter test C-GSGV

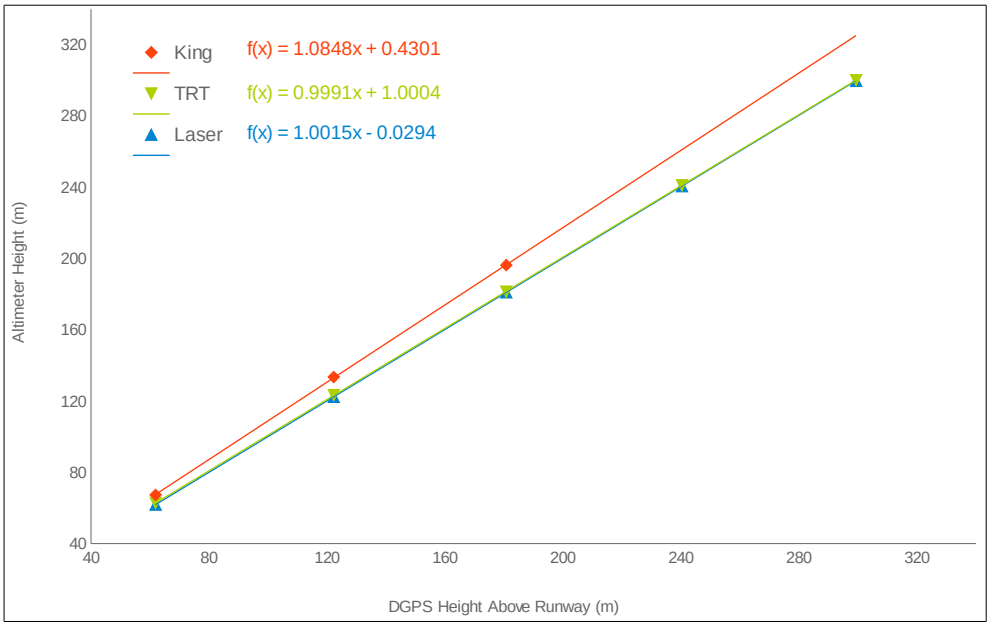


Figure 11: Altimeter test C-GSGW

7. FIELD OPERATIONS

Operations were conducted from Burns Lake Airport, BC and Smithers Regional Airport, BC. The survey required 131 production flights, from July 7 to October 11, 2016.

Mobilization of the SGL crew and equipment to Burns Lake began with the arrival of the Caravan C-GSGW on June 28. C-GSGL arrived on site on July 9, and C-GSGV arrived on July 17. The field office was set up in in the Sunshine Inn in Burns Lake. Burns Lake Airport features an ashphalt runway of 5,060 ft, and a wide range of aviation facilities. Mobilization was completed on Juy 1, with the first combined magnetometer and GPS reference station designated as REF1 installed by the Sunshine Inn. Another reference station REF2 was installed at the Omineca Ski Club just south of Burns Lake on July 7. Due to repaving work on the runway at Burns Lake Airport, on July 26 the crew remobilized to Smithers, setting up the field office at the Prestige Hudson Bay Lodge. Smithers Airport features an ashphalt runway of 7,544 ft, and a wide range of aviation facilities. On July 27 the reference station REF3 was installed at Smithers Airport and production flights began from Smithers. The reference station at Omineca Ski Club was left in place. The survey flying was completed on October 11. Demobilization started immediately and was completed on October 14. Coordinates and times of the actual lines flown are listed in *Appendix III*. The Weekly Reports are in *Appendix XII*.

When not survey flying the aircraft were parked on the ramp. Each survey flight departed and returned to this location. *Tables 32* to *34* shows the position of the aircraft in the WGS-84 datum.

Table 32: Aircraft parking locations C-GSGL

Parking Location	Latitude	Longitude	Elevation (m)
Burns Lake	N54:22:53	W125:57:24	717
Smithers	N54:49:4	W127:11:2	517

Table 33: Aircraft parking locations C-GSGV

Parking Location	Latitude	Longitude	Elevation (m)
Burns Lake	N54:22:53	W125:57:24	717
Smithers	N54:49:4	W127:11:2	514

Table 34: Aircraft parking locations C-GSGW

Parking Location	Latitude	Longitude	Elevation (m)
Burns Lake	N54:22:53	W125:57:24	717
Smithers	N54:49:4	W127:11:2	515

Reference Stations

The first reference station REF1 was set-up at the behind and to the north of the Sunshine Inn in Burns Lake on July 1. The second reference station REF2 was installed at the Omineca Ski Club approximately 6 km south of Burns Lake on July 7. On July 26 the reference station at the Sunshine Inn was dismantled and moved to Smithers, where is was installed at the airport on July 27 as REF3. *Table 35* shows the WGS-84 coordinates of the reference stations.

Table 35: Locations of reference stations

Station #	Location	Latitude	Longitude	Elevation
REF1	Burns Lake	54:14:21.61911 N	125:46:24.07755 W	701.503
REF2	Omineca	54:10:55.36965 N	125:43:07.87897 W	749.825
REF3	Smithers	54:49:13.14649 N	127:11:17.53595 W	514.064

The positions of all reference station GPS antennae were differentially corrected using data from three Canadian Active Control System (CACS): PRDS (Priddis, Alberta); WHIT (Whitehorse, Yukon); and YELL (Yellowknife, NWT). For REF1 and REF2 data recorded on days 190, 191 and 192 of 2016 were used. For REF3 data recorded on days 211, 212 and 213 of 2016 were used

Re-flights

Table 36 shows a list of re-flights and the reasons they were required.

Table 36: Re-flight list

Original Flight		Re-Flights		
Line	Flight	Line	Flight	Reason
112.01	2022	112.02	3024	Azimuth data
209.01 209.02	3026	209.03	2051	Drape exceedance
407.00	3030	407.02	2054	Drape exceedance
410.00	3030	410.01	2055	Drape exceedance
411.00	3030	411.01	2055	Drape exceedance
412.00	3030	412.01	2055	Drape exceedance
1440.00	3003	1440.01	3026	Magnetic data
1462.00	1004	1462.01	1018	Partial reflown as complete line
1466.00	3014	1466.02	3023	Drape exceedance
1622.00	2039	1622.01	2041	Partial reflown as complete line
1679.00 1679.01	2039	1679.02	3022	Partial reflown as complete line
1957.00	1034	1957.01	2035	Accidental reflight
1960.00	2011	1960.01	1022	Drape exceedance
1964.00	2022	1964.01 1964.02	2051	Azimuth data
2609.00	1030	2609.01	2025	TRT Radar data
2722.01	3021	2722.02	3022	Partial reflown as complete line
2724.00	2040	2724.01	2049	Drape exceedance
2724.01	2049	2724.02	2051	Partial reflown as complete line
2731.00	3022	2731.01	2049	Drape exceedance
2754.00	2024	2754.02	2051	Magnetic data
2759.00	2049	2759.01	2055	Drape exceedance
2767.01	2049	2767.02	2051	Partial reflown as complete line
2771.00	2049	2771.01	2055	Drape exceedance
2787.00	3021	2787.01	3022	Partial reflown as complete line
2807.00 2807.01	2033	2807.02	3019	Partials reflown as complete line
2891.00	2024	2891.02	2051	Magnetic data

Original Flight		Re-Flights		
Line	Flight	Line	Flight	Reason
2892.00	2024	2892.01	2051	Magnetic data
2897.00	2024	2897.01	2051	Magnetic data
2903.00	2024	2903.02	2051	Magnetic data
2942.00	2024	2942.01	2051	Magnetic data
2964.00	2022	2964.01	2051	Azimuth data
4002.00	2048	4002.1	3030	Drape exceedance
4033.00	3018	4033.01	2041	Accidental reflight
4047.00	3030	4047.01	2055	Drape exceedance
4048.00	3030	4048.01	2054	Drape exceedance
4050.00	3030	4050.01	2055	Drape exceedance
4057.00	3030	4057.00	2055	Drape exceedance
4074.00	3028	4074.01	2054	Active diurnals
4125.00	2053	4125.01	2055	Drape exceedance
4126.00	2053	4126.02	2055	Drape exceedance
4126.01	2053	4126.02	2055	Drape exceedance
4127.00	2053	4127.01	2055	Drape exceedance
4128.00	2053	4128.01	2055	Drape exceedance
4147.00	2052	4147.01	2053	Active diurnals
4184.00	2043	4184.01	2053	Drape exceedance
4212.00	1048	4212.01	2052	Drape exceedance

Field Personnel

Table 37 shows a list of SGL technical personnel who participated in the field operations.

Table 37: Survey field crew

		Dates in Field	
	Name	**Arrival**	**Departure**
Operations Manager	Alex Pritchard	07/31/16	08/03/16
Flight Ops Manager	Katherine Svarckopf	08/19/16	08/26/16
Crew Chief	Adam Jones	06/28/16	07/20/16
Crew Chief	Eric Seme	07/10/16	08/27/16
Crew Chief	Max Buneta	08/26/16	10/14/16
Data Processor	Ryan Millar	06/28/16	08/26/16
Data Processor	Oteng Matsetse	07/06/16	08/23/16
Data Processor	Diana Kuiper	08/22/16	09/07/16
Data Processor	Lindsay Upiter	08/24/16	10/14/16
Pilot	Kevin Michaud	06/28/16	09/11/16
Pilot	Jean Deschenes	07/07/16	08/04/16
Pilot	Tomo Nishimura	07/17/16	10/12/16
Pilot	Jason Thomas	08/07/16	08/29/16
Pilot	Bret Curtis	08/19/16	09/16/16
Pilot	Adam Dalziel	08/30/16	09/11/16
Pilot	Randall Forwell	09/10/16	09/22/16
Pilot	Nikhal Behl	09/16/16	10/12/16
Pilot	Matt Lemay	09/21/16	10/12/16
Co-Pilot	Marianne Durette	06/28/16	09/11/16
Co-Pilot	Nikhal Behl	07/07/16	07/31/16
Co-Pilot	Karlo Pavlicevic	07/17/16	09/11/16
Co-Pilot	Alex Faulkner	07/27/16	10/12/16
AME	Darren McBeth	07/06/16	09/06/16
AME	Kevin Cahill	07/06/16	09/02/16
AME	Nathan Shirey	09/02/16	09/20/16
AME	Emmett Schmidt	09/06/16	10/14/16
AME	Gerry McGrath	09/20/16	10/05/16
AME	Roger Knott	10/04/16	10/14/16

8. DATA COMPILATION AND PROCESSING

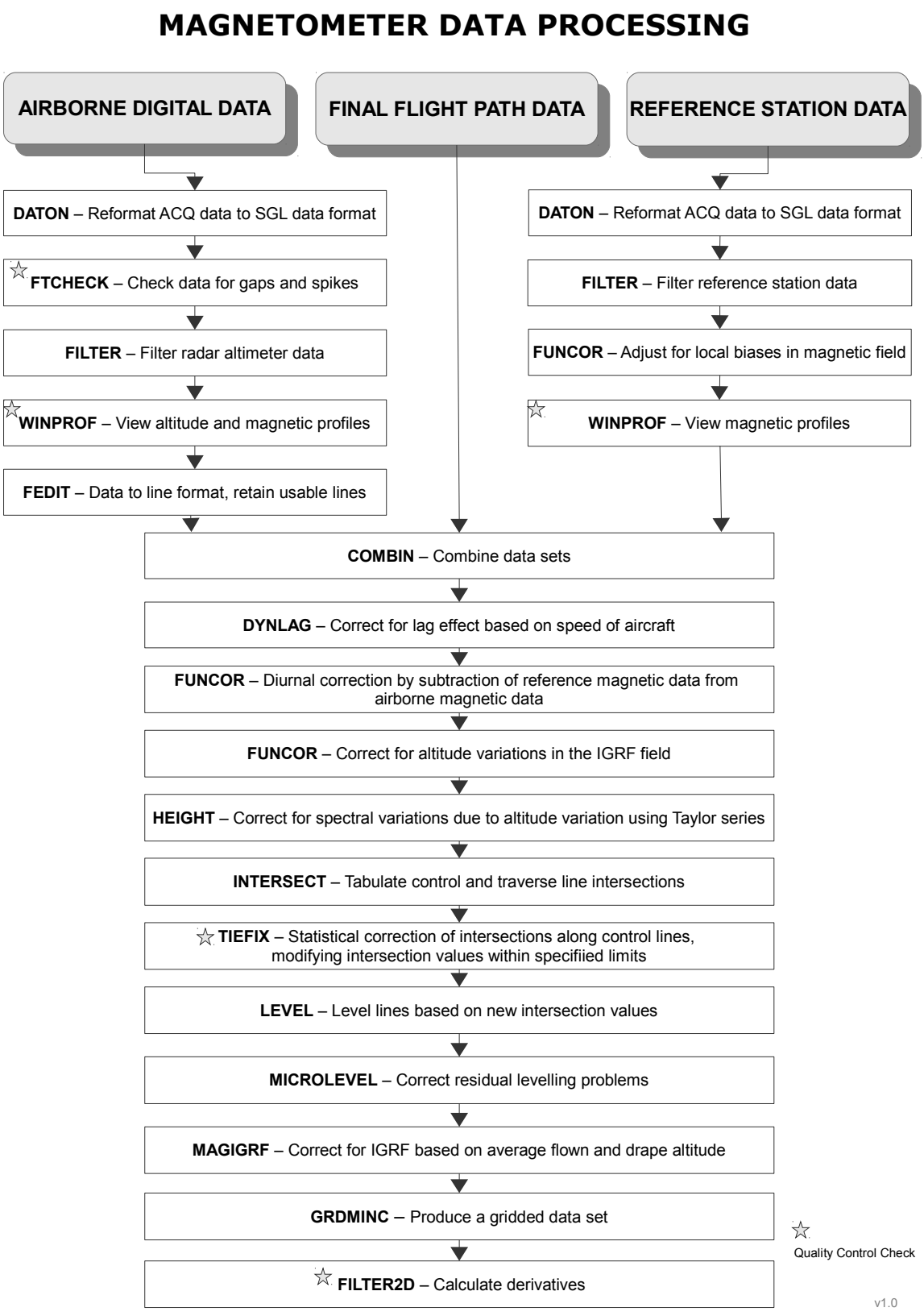


Figure 12: Magnetometer data processing flowchart

Magnetometer Data

A magnetic data flowchart is presented in *Figure 12*. Airborne magnetic measurements were made using an array of three magnetometers: Mag1 (port wing tip), Mag2 (starboard wingtip) and Mag3 (tail stinger). The primary sensor is Mag3, and the data from that sensor only is used to produce a standard magnetic anomaly map of the survey area. Data from all three sensors are used to calculate magnetic gradients and to create an enhanced magnetic anomaly map, described in the next section of this report below. The rest of this section describes processing applied to the Mag3 sensor only.

Lag Correction

The airborne magnetometer were recorded at 160 Hz, and down sampled to 10 Hz for processing. All magnetic data were plotted and checked for any spikes or noise. A lag correction was applied to the Mag3 data to reference it to the GPS antenna located on the roof of the aircraft cabin. A dynamic lag correction equivalent to the offset between the antenna and the tail magnetic sensor was applied to the tail sensor for all three aircraft as follows:

- C-GSGW 12.0 m
- C-GSGL 12.1 m
- C-GSGV 12.1 m

The lag correction is applied to each data point dependent on the instantaneous velocity of the aircraft, so for example when flying exactly at the target speed of 120 Knots, or 62 m/s, the correction is for an offset of 12.1 m is 12.1/62 = 0.2 s. The aircraft speed dependent dynamic lag was calculated using SGL's Dynlag software.

Diurnal Correction

Ground magnetometer data were recorded at a rate of 11Hz at three different reference stations during the survey designated as GND1, GND2 and GND3. No one reference station operated for the entire duration of the project, but GND2 operated for most flights and generally provided the cleanest data with the least interference. Data from each station was inspected for cultural interference and edited where necessary. All reference station magnetometer data were filtered using a 369 point low pass filter (see *Appendix XIII*) to remove any high frequency signal, but retain the low frequency diurnal variations. The mean value of each the reference station is calculated and subtracted to remove any bias from the local anomalous field as follows:

- GND1 55185.31 nT
- GND2 55891.43 nT
- GND3 55801.37 nT

A further adjustment was made by comparing data recorded simultaneously at the different stations to remove residual offsets between the stations, using data from GND2 as the primary base line. The corrections applied are as follows:

- GND1 +5.17 nT
- GND3 - 23.04 nT

All three reference stations are located within or very close to the survey area, and analysis of data at intersections and subsequent levelling corrections indicated that an effective diurnal correction can be achieved by direct subtraction of the ground reference data from the airborne data. GND2 was used to apply a diurnal correction to data from all flights with the following exceptions:

- Flight 1001 was corrected using GND1 due to unavailability of GND2.
- Flights 2051 and F3028 were corrected using GND3 due to interference at GND2.

Height Correction

Although the survey was consistently flown using a drape surface, small variations in survey height from line to line and at intersections between traverse and control lines still result in miss-matches in the magnetic data. This occurs for two reasons: first, due to the change in the IGRF value in the vertical direction, and second a more significant effect that results in differences in the spectral content of airborne magnetic data where the survey height above ground was inconsistent. At low clearances, even relatively small differences in survey height may result in significant changes in spectral content of the magnetic data. Amplitude of magnetic signal drops off with height at an exponential rate proportional to the frequency of the signal, so that high frequency signal in particular changes rapidly with small changes in altitude close to the ground. Correcting for such changes using traditional levelling methods can be challenging since there is no way to properly extrapolate corrections from miss-ties at intersections due to altitude differences. Therefore, there is an advantage to correcting the airborne data for height variation before attempting levelling.

In order to correct magnetic data for variations in survey altitude, we first need to define a consistent surface that will be used as a reference height. This can be a surface of constant height with respect to the ellipsoid or a drape surface. The drape surface approach has the advantage of retaining as much of the recorded signal content as possible whilst achieving consistency of height at intersections and smoothly varying heights between adjacent lines, therefore the drape approach was adopted. The difference between the drape reference surface and the recorded altitude is the height difference to be accounted for.

To correct the airborne data for survey height, two corrections were applied. The first correction involved determining the IGRF at the planned drape height and comparing it to the IGRF at the actual flown height. The difference between the IGRF at the flown height and the IGRF at the drape height was calculated and this difference was subtracted from the airborne magnetic data. The correction is approximately equal to 0.028nT/m. Where the aircraft flew below the drape height, the correction decreases the measured field and vice versa.

The second correction accounts for the variation in spectral content. The magnetic field intensity that would have been recorded at the different altitude was predicted based on a Taylor expansion that sums the derivatives of the field as follows:

$$T + (T' h)/1! + (T'' h2)/2! + (T''' h3)/3! + (T'''' h4)/4! .....$$

where,

- T is the total magnetic intensity (TMI) at any given point,
- T' is the first vertical derivative of the TMI, T'' is the second vertical derivative etc.,
- 1! is the first vertical derivative of the TMI, T'' is the second vertical derivative etc. is the factorial of 1, 2! is the factorial of 2 etc.

The series is infinite, but in practise there is no need to calculate the factors beyond the 4th derivative, and in this case only the first two derivatives were required since deviations from the drape surface were not great.

Levelling

Intersections between control and traverse lines were determined by a program which extracts the magnetic, altitude, and x and y values of the traverse and control lines at each intersection point. Each control line was adjusted by a constant value to minimize the intersection differences, calculated as follows:

$\Sigma |i - a|$ summed over all traverse lines

where,

- i = (individual intersection difference),
- a = (average intersection difference for that traverse line).

Adjusted control lines were further corrected locally to minimize any residual diurnal effects on the control line. Traverse line levelling was carried out by a program that interpolates and extrapolates levelling values for each point based on the two closest levelling values. After traverse lines have been levelled, the control lines are matched to them. This ensures that all intersections tie perfectly and permits the use of all data in the final products.

CLEVEL provides a curved correction using a function similar to spline interpolation. A third degree polynomial is used to interpolate between two intersections and the two values and two derivatives are chosen to determine the polynomial. CLEVEL is an improved method as it allows intersection points to be preserved with no mismatch and interpolation is smooth with the first derivative continuously approaching the same value from both sides of the intersection points.

The levelling procedure was verified through inspection of Total Magnetic Intensity (TMI) and vertical derivative grids, plotting profiles of corrections along lines, and examining levelling statistics to check for steep correction gradients. Corrections at individual intersections were adjusted to remove residual diurnal or height related artifacts and to reduce correction gradients as much as possible.

Micro-Levelling

Micro-levelling was applied to remove any residual diurnal effects from the data. This was achieved by using directional filters to identify and remove artifacts that are long wavelengths parallel to survey lines and short wavelengths perpendicular to survey lines. A limit of +/-0.50 nT was set for all micro-levelling corrections.

IGRF Correction

The airborne magnetometer data were corrected for the IGRF using the location, drape altitude above the GRS80 ellipsoid, and the average date of the survey which was 2016.7 in decimal years. IGRF values were calculated using the year 2015 IGRF model. By applying the IGRF correction post-levelling, it is possible to update the IGRF model used in the future so as to make reconciliation between data collected in different years more straight forward.

Gridding

The grid of the residual magnetic field was made using a minimum curvature algorithm to create a two-dimensional grid equally sampled in the x and y directions. The algorithm produces a smooth grid by iteratively solving a set of difference equations minimizing the total second horizontal derivative while attempting to honour the input data (Briggs, I.C, 1974, Geophysics, v 39, no. 1).

The final grids of the magnetic data were created with 50 m grid cell size appropriate for survey lines spaced at 250 m. Since the data spans UTM zones 9N and 10N, grids were created for both sets of coordinates.

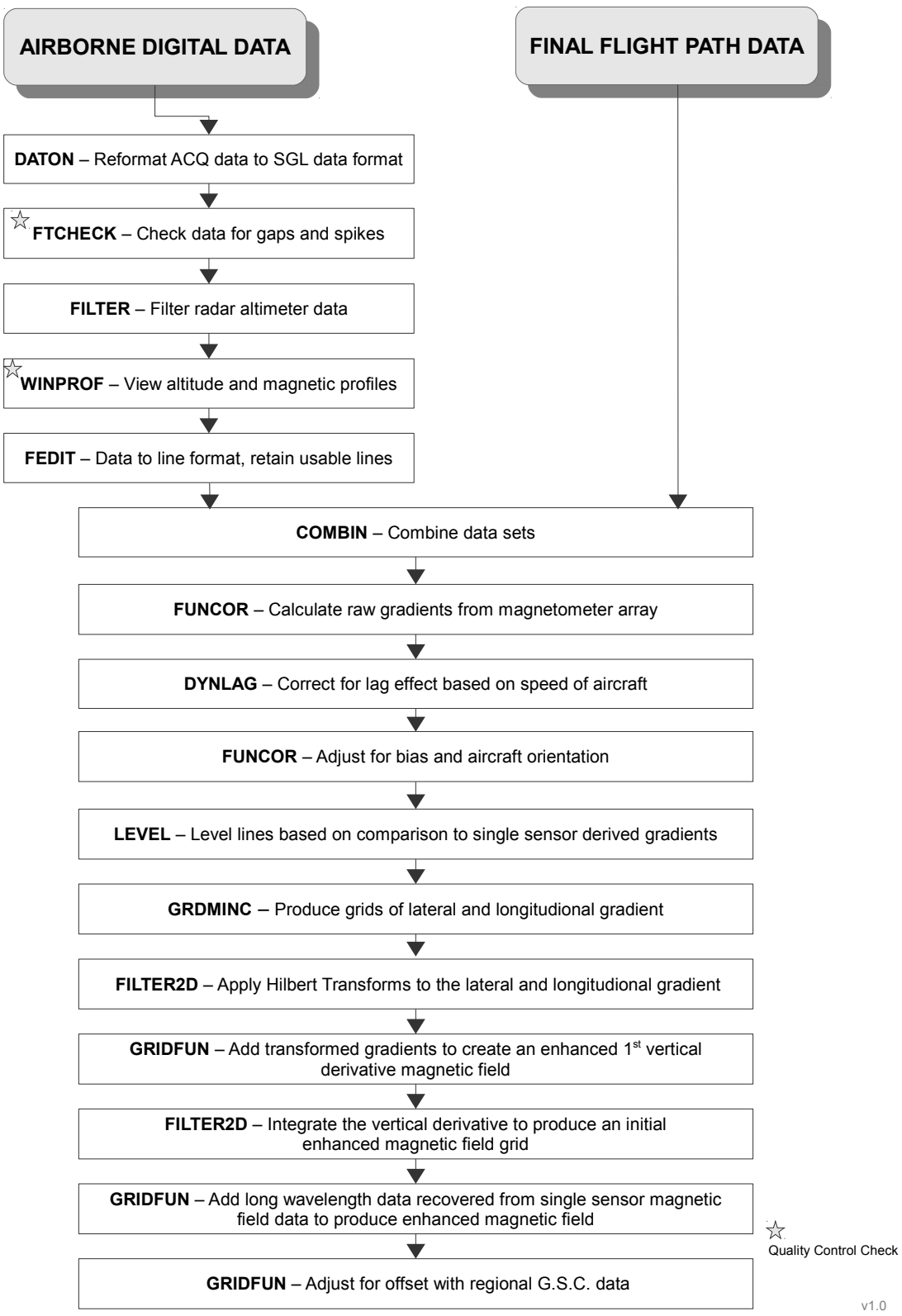


Figure 13: Magnetometer Gradiometer data processing chart

Processing of Measured Magnetic Gradients

A magnetic gradient data flowchart is presented in *Figure 13*. The measured lateral and longitudinal gradients provide an improved rendition of the shorter wavelengths in magnetic field than the total magnetic field measured by the tail sensor MAG3 alone. This is because the direction and amplitude of the field's total horizontal gradient can be determined using the two measured gradients, providing information regarding the behaviour of the magnetic field in between traverse lines. The array of magnetometers employed is illustrated in *Figure 16*.

Raw Gradient Calculation

Initially, the magnetic gradients are derived with respect to the aircraft frame. The across-aircraft gradient data is derived from the difference in total magnetic intensity recorded at the wingtip sensors MAG1 and MAG2 divided by the separation of the magnetometers across the wings as follows,

Mag2-Mag1/lateral separation

where the lateral separation for each survey aircraft are as follows:

- C-GSGW 19.2 m
- C-GSGL 19.0 m
- C-GSGV 19.1 m

The along-aircraft gradient is derived from all sensors, being the difference in total magnetic intensity between the mean value of the wingtip sensors Mag1 and Mag2 and the tail sensor Mag3 divided by the longitudinal separation along the aircraft body as follows,

(((Mag2+Mag1)/2) - Mag3) / longitudinal separation between Mag1/2 and Mag3

where the longitudinal separation for each survey aircraft are as follows:

- C-GSGW 10.9 m
- C-GSGL 11.0 m
- C-GSGV 11.0 m

Lag Correction

Lag corrections were applied to the magnetic gradients to reference the data to the GPS antenna located on the roof of the aircraft cabin.

A dynamic lag correction equivalent to the following offsets as measured along the long axis of the aircraft from the GPS antenna to the line between Mag1 and Mag2 was applied to the lateral gradients for each aircraft as follows:

- C-GSGW 1.1 m
- C-GSGL 1.1 m
- C-GSGV 1.1 m

A dynamic lag correction equivalent to the following offsets as measured along the long axis of the aircraft from the GPS antenna to the point that lies half way from the line between Mag1 and Mag2 and the tail sensor Mag3 was applied to the longitudinal gradients for each aircraft as follows:

- C-GSGW 6.6 m
- C-GSGL 6.6 m
- C-GSGV 6.6 m

The lag correction is applied to each data point dependent on the instantaneous velocity of the aircraft, so for example when flying exactly at the target speed of 120 Knots, or 62 m/s, the correction is equal to the offset listed above divided by 62. The aircraft speed dependent dynamic lag was calculated using SGL's Dynlag software.

Bias and Orientation Correction

Due to the different properties of the magnetic sensors employed on the aircraft, there is an inherent directional bias in the horizontal gradients. By comparing data flown in opposite directions along the test line, and from adjacent lines, the biases were estimated to be as follows for the lateral gradient as follows:

- C-GSGW -0.6063 nT/m
- C-GSGL -0.0803 nT/m
- C-GSGV -0.1891 nT/m

and as follows for the longitudinal gradient:

- C-GSGW -0.2073 nT/m
- C-GSGL -0.1535 nT/m
- C-GSGV 0.3613 nT/m

The across and along the aircraft gradients and the azimuth of the aircraft, available from the aircraft avionics, are combined to calculate the lateral and longitudinal gradients with respect to the survey lines so that positive gradients are eastward and northward respectively. For this purpose the azimuth data is first smoothed using a 40 to 50 point cosine tapered low pass filter applied to 10Hz data to prevent noise in the azimuth data from contaminating the gradients.

After correcting for orientation, further line by line bias adjustments were made by employing single value zero order shifts to the measured gradients by comparing them to lateral and longitudinal horizontal gradients derived from the residual magnetic field calculated from the tail sensor Mag3 as described in the previous section. The tail sensor derived horizontal gradients with respect to survey line direction are easily calculated in the space domain from the gridded residual magnetic field.

Levelling

Lateral and longitudinal gradients were "levelled" to gradients derived from the tail sensor Mag3 to account for minor bias variations that occur along a survey line. This is in part due to the fact that pitch and roll of the aircraft are not accounted for since no measured vertical gradient was acquired. Levelling was achieved by applying a 1km low pass filter to the difference between the tail sensor Mag3 derived gradients and measured gradients and applying the difference to the measured gradients. This process combines the longer wavelength data that is well sampled and represented by the Mag3 derived gradients for wavelengths of four times the survey line spacing or longer (ie. 1km or more) with the detailed short wavelength gradients best represented by the

measured gradients, and helps to reconcile minor line-by-line differences not accounted for by the DC bias corrections alone.

Gridding

Grids of the lateral and longitudinal gradients were made using a minimum curvature algorithm to create a two-dimensional grid equally sampled in the x and y directions. The algorithm produces a smooth grid by iteratively solving a set of difference equations minimizing the total second horizontal derivative while attempting to honour the input data (Briggs, I.C, 1974, Geophysics, v 39, no. 1). A cell size of 50m was employed.

Calculation of Enhanced Residual Magnetic Field

The two levelled horizontal gradients, lateral gradient and longitudinal, can be utilized to create a first vertical derivative using the Hilbert transform relationship (Nabighian, M.N. 1984, Geophysics v.49 p.780-786). Once the Hilbert transform is been applied to the lateral and longitudinal gradients, the outputs are summed to create a first vertical derivative grid. The first vertical derivation was then integrated to create a gradient-enhanced residual magnetic field.

However the integrated gradient enhanced residual magnetic field does not contain the long wavelength signal that is well sampled and retained in the single sensor residual magnetic field data. To account for this the long wavelength magnetic anomaly must be recovered. This was achieved by analysis of the difference between these two versions of the residual magnetic field and a low pass filter is applied to the difference to isolate the missing long wavelengths that can then be added to the integrated residual magnetic field. A 2nd order Butterworth filter with a cut off of 10km was found to match the two residual field well whilst retaining the enhancement of the short wavelengths from the measured gradients.

The gradient enhanced residual magnetic field is then adjusted so as to be at the same base level as the regional Geological Survey of Canada (GSC) residual magnetic field as obtained from GSC Compiled Magnetic Anomaly Map of Canada (GSC Open File 3829a). An offset of 88.992 nT was added to achieve this adjustment.

All grids generated during this procedure are created with a cell size of 50 m.

Magnetic Data Derivatives

Vertical Derivative

Vertical derivatives act as high pass filters that enhance the high frequency content of the data and suppress low frequency/long wavelength signal. The first vertical derivative (n=1) enhances rapid changes in the gravity or magnetic field at the edges of anomalies, and therefore it is useful for delimiting the extents of causative bodies.

If k_x and k_y are the wave numbers of the potential field in the two dimensional frequency domain, the n^{th} vertical derivative of a potential field is easily derived in the Fourier domain by applying the following filter:

$$F(k_x , k_y)= \llbracket(-k)\rrbracket^{n}, \quad \text{where} \quad k=\sqrt{((k_x^2+k_y^2))}$$

Magnetic Anomaly Reduction to the Pole

Reduction to the pole (RTP) transforms the shape of the anomalies into what would be observed if they were at the magnetic north pole. An inherent assumption is that magnetic anomalies arise from induced magnetization. This assumption may not always be true where significant magnetic remanence occurs. The method allows for direct comparison of anomaly shapes from different magnetic latitudes, and if the assumptions hold true, the anomaly will be symmetrically displayed about the causative body. Reduction to pole is essentially a phase shift filter applied in the frequency domain, and is described by (Baranov and Naudy, 1964) as:

$$F(k_x, k_y)=\frac{1}{[sin(I)+icos(I)cos(D-\theta)]^2}$$

where

θ is the angle in the k_x k_y plane,
I is the local magnetic inclination,
D is the local magnetic declination.

For ease of calculation, this transformation can be performed through filtering in the frequency domain using a constant (average/central) inclination and declination which can be considered valid throughout the entire grid. The inclination and declination parameters used for this transformation were -73.4° and 15.8°, respectively.

Amplitude of the Total Gradient of the Magnetic Anomaly

The total gradient amplitude of a potential field, commonly misidentified as the 3D analytic signal amplitude, is defined as (Nabighian, 1972):

$$|(A(x,y))| =\sqrt{[\frac{\partial f}{\partial x}]^2+[\frac{\partial f}{\partial y}]^2+[\frac{\partial f}{\partial z}]^2}$$

where|(A (x,y)| is the amplitude of the total gradient and f is the magnetic intensity at a point (x,y). The horizontal derivatives are easily calculated in the space domain, whilst the vertical derivative is calculated as described above.

Peaks in the amplitude of the total gradient are symmetric and centered over the middle of narrow bodies and the edges of wide bodies. The amplitude however is affected by the strike of a

body such that north-south oriented bodies at low latitudes are relatively weak for magnetic data. It highlights areas where the field varies quickly in any direction.

Tilt Angle

The tilt angle can be applied to the pole reduced total magnetic intensity to preferentially enhance the weaker magnetic signals. This is particularly useful for mapping texture, structure, and edge contacts of weakly magnetic sources. The arctan operator restricts the tilt angle to within the range of -90° to +90°, irrespective of the amplitude and wavelength of the field and enhances weak anomalies compared to the stronger anomalies. The tilt angle (Miller and Singh, 1994; Verduzco et al., 2004; Salem et al., 2007) is defined as:

$$\Theta = \tan^{-1}\left(\frac{vertical\ component\ of\ gradient}{horizontal\ component\ of\ gradient}\right) = \tan^{-1}\left(\frac{\partial T / \partial z}{\partial T / \partial h}\right)$$

The vertical derivative (∂T/∂z) and total horizontal gradient (∂T/∂h) of the reduced to pole total magnetic intensity calculations are described above.

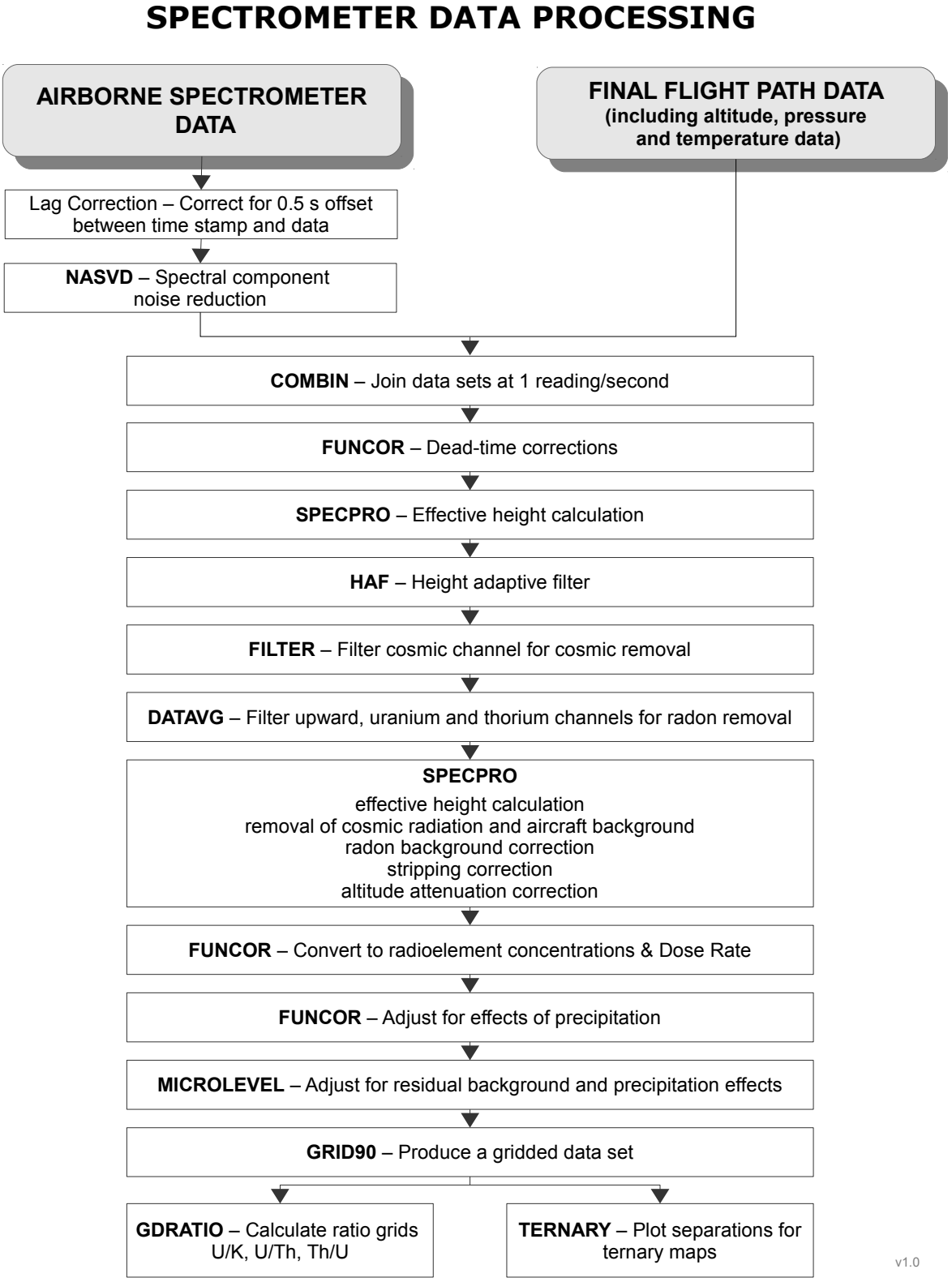


Figure 14: Spectrometer data processing flowchart

Spectrometer Data

A spectrometer data flowchart is presented in *Figure 14.*

The data were recorded at 1 Hz in asynchronous mode, and subsequently interpolated to 1 Hz synchronous data on the exact second. A 0.5 second offset correction was applied to all data to correct for the time delay between the 1.0 second period over which the data is recorded and the time stamp that is assigned at the end of the period.

Spectral Component Analysis

Raw 256 channel spectrometer data were analyzed using noise adjusted singular value decomposition (NASVD; J. Hovgaard and R L. Grasty paper 98; Geophysics and Geochemistry at the Millennium, Proceedings of the 4th Decennial International Conference on Mineral Exploration, 1997). Normalization with respect to the count rate is achieved by dividing each measured spectrum by the square root of the best fit of the mean spectra, i.e. component zero. The NASVD method determines the components in order of significance with respect to the amount of variance in the data they describe. Each component is a spectrum with 256 channels. In theory, there are as many components as there are channels. Variation in the signal is accounted for by the low order components, and variation due to noise is accounted for by the higher order components. Spectra are reconstructed from the low order signal only components, and the count rates in the standard windows are recalculated.

Through such an analysis, it was determined that components higher than order 15 contained only variation due to noise, thus only components 0 to 15 were used in the final data.

Figures 15 and *16* shows charts of the NASVD components up to number 15.

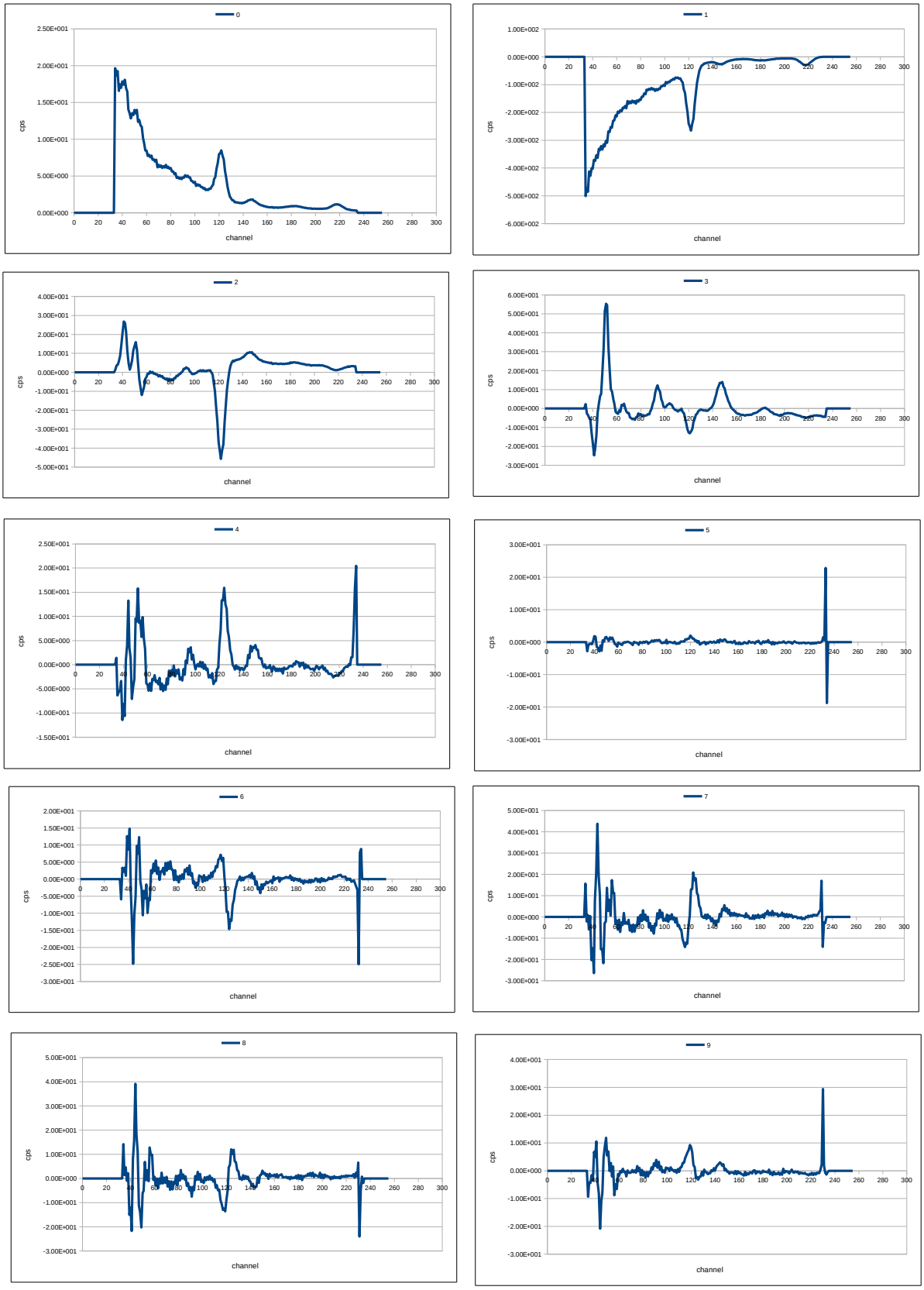


Figure 15: Spectral components 0 to 9

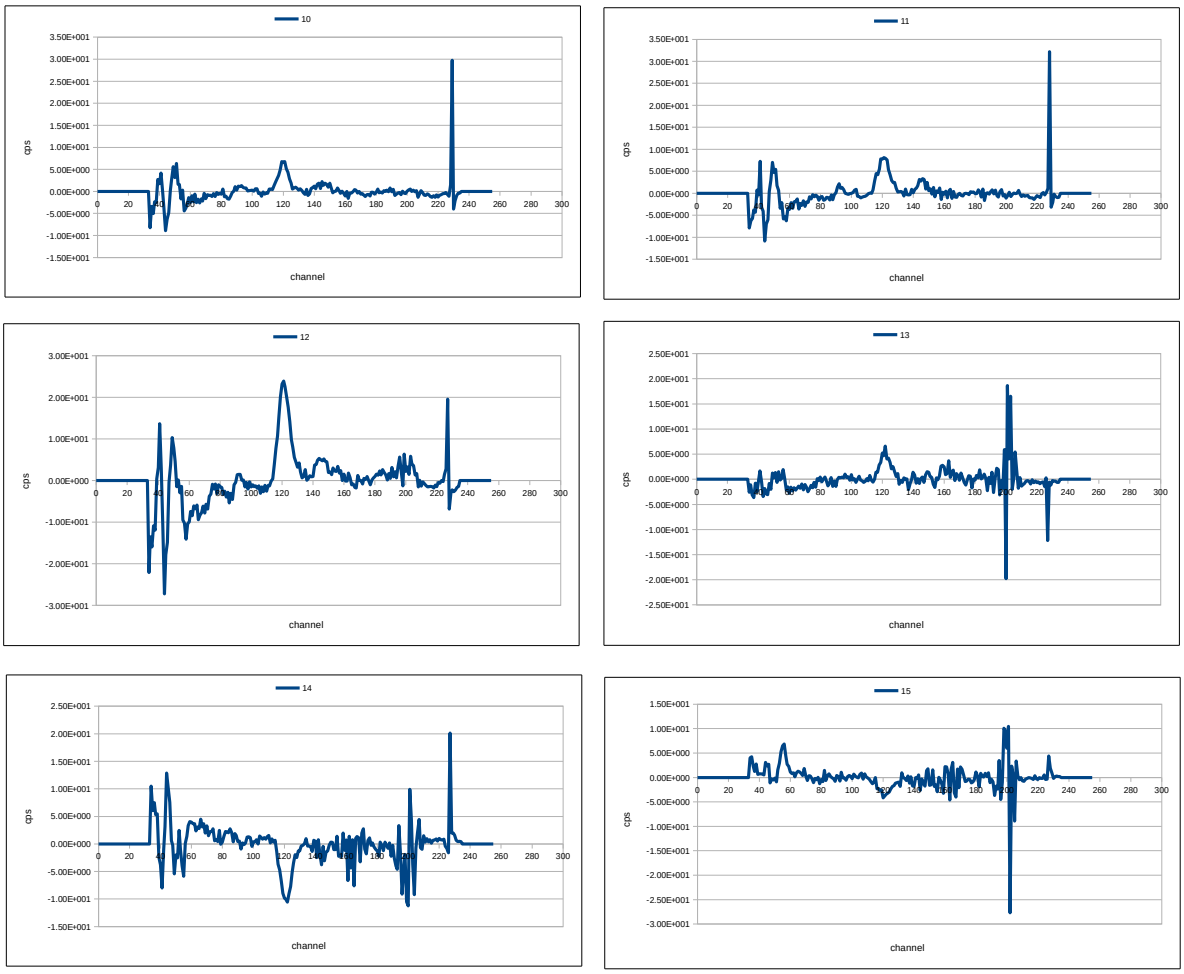


Figure 16: Spectral components 10 to 15

Standard Correction Coefficients

Spectrometer data were corrected as documented in the Geological Survey of Canada Open File No. 109 and the IAEA report "Airborne gamma-ray spectrometer surveying; Technical Report Series No. 323 (International Atomic Energy Agency, Vienna). The gamma-ray spectroscopy processing parameters as applied to the systems employed in each of the three survey aircraft are shown in *Tables 38* to *40*.

Table 38: C-GSGW Spectrometer processing parameters

Spectrometer Processing Parameters		
Window	Cosmic Stripping Ratio (b)	Aircraft Background (a)
Total	0.7660	57.14
Potassium	0.0429	14.50
Uranium	0.0346	0.74
Thorium	0.0390	0.00
Upward	0.0057	0.00
Radon Component	a	b
Total (I_r)	11.9133	21.0824
Potassium (K_r)	0.3927	2.7417
Thorium (T_r)	0.2200	0.0000
Up (u_r)	0.1446	0.0000
Ground Component	a_1	a_2
Up (u_g)	0.0000	0.0500
Stripping Ratios	Contribution on the Ground	Effective Height Adjustment (m^{-1})
α	0.2639	0.00049
β	0.3900	0.00065
γ	0.7591	0.00069
a	0.0456	N/A
b	0.0000	N/A
g	0.0068	N/A
Attenuation Coefficients (m^{-1})		
Total	-0.006924	
Potassium	-0.008569	
Uranium	-0.007456	
Thorium	-0.006584	
Sensitivities		
Potassium	129.2447 cps/%	
Uranium	14.7027 cps/eU ppm	
Thorium	7.2769 cps/eTh ppm	

Table 39: C-GSGL Spectrometer processing parameters

Spectrometer Processing Parameters		
Window	Cosmic Stripping Ratio (b)	Aircraft Background (a)
Total	0.5980	143.42
Potassium	0.0333	21.72
Uranium	0.0285	3.85
Thorium	0.0352	0.00
Upward	0.0048	0.78
Radon Component	a	b
Total (I_r)	11.3929	0.0000
Potassium (K_r)	0.6163	0.0000
Thorium (T_r)	0.0041	0.0000
Up (u_r)	0.1391	0.0000
Ground Component	a_1	a_2
Up (u_g)	0.0000	0.0554
Stripping Ratios	Contribution on the Ground	Effective Height Adjustment (m^{-1})
α	0.2345	0.00049
β	0.3877	0.00065
γ	0.6909	0.00069
a	0.0402	N/A
b	0.0000	N/A
g	0.0031	N/A
Attenuation Coefficients (m^{-1})		
Total	-0.007096	
Potassium	-0.008837	
Uranium	-0.007000	
Thorium	-0.006799	
Sensitivities		
Potassium	122.6460 cps/%	
Uranium	17.4506 cps/eU ppm	
Thorium	7.5294 cps/eTh ppm	

Table 40: C-GSGV Spectrometer processing parameters

Spectrometer Processing Parameters		
Window	Cosmic Stripping Ratio (b)	Aircraft Background (a)
Total	0.7649	58.27
Potassium	0.0426	15.89
Uranium	0.0335	1.72
Thorium	0.0398	0.00
Upward	0.0057	0.15
Radon Component	a	b
Total (I_r)	14.8768	14.6185
Potassium (K_r)	0.7692	0.9084
Thorium (T_r)	0.0099	0.0000
Up (u_r)	0.1587	0.0000
Ground Component	a_1	a_2
Up (u_g)	0.0000	0.0552
Stripping Ratios	Contribution on the Ground	Effective Height Adjustment (m^{-1})
α	0.2669	0.00049
β	0.4150	0.00065
γ	0.7635	0.00069
a	0.0485	N/A
b	0.0000	N/A
g	0.0066	N/A
Attenuation Coefficients (m^{-1})		
Total	-0.006766	
Potassium	-0.008315	
Uranium	-0.007392	
Thorium	-0.006000	
Sensitivities		
Potassium	120.4840 cps/%	
Uranium	17.3179 cps/eU ppm	
Thorium	8.1793 cps/eTh ppm	

Dead-time correction

The system live time was recorded by the spectrometer and represents the time that the system was available to accept incoming gamma radiation pulses. Live time is reduced, and dead-time increased, as count rates increase and the time taken by the spectrometer to process measured pulses increases. The cosmic channel does not receive a dead-time correction as it is processed by separate circuitry in a GR820 spectrometer. The dead-time correction was applied to each window in both the upward and downward looking detector data using the following equation:

$$N = \frac{n}{t}$$

where, N = the corrected count rate in each channel
n = the raw count recorded in each second
t = the recorded live time (fraction of a second).

Calculation of effective height above ground level (AGL)

A 21-point low pass filter (see *Appendix XIII*) was applied to 10 Hz radar altimeter data, and a 131-point low pass filter (see *Appendix XIII*) was applied to 10 Hz barometric altimeter data. The barometric altimeter data was then converted to equivalent pressure and used with the digitally recorded temperature to convert the radar altimeter data to effective height at standard pressure and temperature (STP) as follows:

$$h_e = h \times \frac{273.15}{T + 273.15} \times \frac{P}{101.325}$$

where, h_e = the effective height
h = the observed radar altitude in metres
T = the observed air temperature in degrees Celsius and
P = the observed barometric pressure in kPa.

Height adaptive filter

Adaptive filters were applied between 250 m and 400 m effective height to improve the signal-to-noise ratio. A moving average filter is applied to data flown at 250 m and the degree of filtering applied increases gradually up to 400 m. Data collected at a terrain clearance greater than 400 m are considered unreliable due to the low count rates and consequent low signal to noise ratio. Radiometric data recorded at a higher height than 400 m were nulled, and in the case of Uranium the limit was set to 250m.

Removal of cosmic radiation and aircraft background radiation

A 67-point low pass filter (see *Appendix XIII*) is applied to 1 Hz cosmic data to reduce statistical noise. Cosmic radiation and aircraft background radiation are removed from each spectral window using the cosmic coefficients and aircraft background values determined from test flight data using the following equation:

$$N = a + b\,C$$

where, N = the combined cosmic and aircraft background in each spectral window,
a = the aircraft background in the window,
b = the cosmic stripping factor for the window, and
C = the cosmic channel count.

Radon background corrections

A low pass filter with a cosine tapered ramp between 15 and 25 data points is applied to 1 Hz downward uranium, downward thorium and upward uranium count data for the purposes of the radon correction only. The radon component in the uranium window is calculated using the radon coefficients determined from the survey data using the following equation:

$$U_r = \frac{u - a_1\,U - a_2\,T + a_2\,b_T - b_u}{a_u - a_1 - a_2\,a_T}$$

where, U_r = the radon background measured in the downward uranium window,
u = the filtered observed count in the upward uranium window,
U = the filtered observed count in the downward uranium window,
T = the filtered observed count in the downward thorium window,
a_1 and a_2 = the ground component coefficients,
a_u and b_u = the radon coefficients for uranium,
a_T and b_T = the radon coefficients for thorium.

The radon counts in the uranium upward window and the potassium, thorium and total count downward windows are calculated from U_r using the following equations:

$$u_r = a_u\,U_r + b_u$$
$$K_r = a_K\,U_r + b_K$$
$$T_r = a_T\,U_r + b_T$$
$$I_r = a_I\,U_r + b_I$$

Where u_r is the radon component in the upward uranium window, K_r, U_r, T_r and I_r are the radon components in the various windows of the downward detectors, and a and b are the radon calibration coefficients.

Stripping

The stripping ratios for the spectrometer system are determined experimentally. The stripped count rates for the potassium, uranium and thorium downward windows are calculated using the following equations:

$$N_K = \frac{n_{Th}(\alpha\gamma - \beta) + n_U(\alpha\beta - \gamma) + n_K(1 - a\alpha)}{A}$$

$$N_U = \frac{n_{Th}(g\beta - \alpha) + n_U(1 - b\beta) + n_K(b\alpha - g)}{A}$$

$$N_{Th} = \frac{n_{Th}(1 - g\gamma) + n_U(b\gamma - a) + n_K(a\,g - b)}{A}$$

where A has the value*:*

$$A = 1 - g\gamma - a(\alpha - g\beta) - b(\beta - \alpha\gamma)$$

and where,

n_K, n_U and n_{Th} = the unstripped potassium, uranium and thorium downward windows counts,

N_K, N_U and N_{Th} = the stripped potassium, uranium and thorium downward windows counts,

α, β, and γ = the forward stripping ratios, and

a, b and g = the reverse stripping ratios.

α, β, and γ are adjusted for effective height (as calculated above) by standard factors given in *Tables 38* to *40 Spectrometer Processing Parameters.*

Altitude attenuation correction

This correction normalizes the data to a constant terrain clearance of 80 m above ground level (AGL) at standard temperature and pressure (STP). Attenuation coefficients for each of the downward windows were determined from test flights. The measured count rate is related to the actual count rate at the nominal survey altitude by the equation:

$$N_s = N_m(e^{\mu(h_o - h)})$$

where, N_s = the count rate normalized to the nominal survey altitude, h_o,

N_m = the background corrected, stripped count rate at effective height h,

μ = the attenuation coefficient for that window,

h_o = the nominal survey altitude, and

h = the effective height.

The effective height was determined in as described above.

Conversion to radio element concentration and Dose Rate

Sensitivities are determined experimentally from the test flight data. The units of the count rates in each spectral window are converted to "apparent radio element concentrations" using the following equation:

$$C = \frac{N}{S}$$

where, C = the concentration of the element(s)

N = the count rate for the window after correction for dead-time, background, stripping and attenuation

S = the broad source sensitivity for the window

Potassium concentration is expressed as a percentage and equivalent uranium and thorium as parts per million of the accepted standards. Uranium and thorium are described as "equivalent" since their presence is inferred from gamma-ray radiation from daughter elements (^{214}Bi for uranium, ^{208}Th for thorium).

The Air Absorbed Dose Rate (AADR) is calculated as follows:

AADR = 13.1 x Concentration of Potassium (%)
+ 5.43 x Concentration of Uranium (ppm)
+ 2.69 x Concentration of Thorium (ppm)

The units of AADR are nano-gray per hour (nGy/h)

Precipitation Adjustments

The survey spanned a considerable period during which ground conditions changed as a result of significant precipitation. To account for this, adjustments are made by applying scale factors to the element concentrations determined through inspection of grids of single radioelements and their relative ratios (see below) to remove artifacts due to the changes in apparent radioactivity levels.

Three stages of scaling of the concentration data were applied. The first stage was to adjust all data acquired after September 6th 2016 due to heavy precipitation that occurred at that time. The daily test line values decreased in counts for all elements following that day. Average total counts and concentration values for the test line were calculated for each survey aircraft system both before and September 6th and used to determine scale factors to adjust all data acquired after that date.

The second stage involved scaling of concentration levels for specific flights for entire flights due higher than normal precipitation during preceding days. The scale factors were determined by inspection of gridded data.

Finally, individual lines or individual sections of lines were scaled to account for localized precipitation effects. Again, scale factors were determined by inspection of gridded data.

All the scaling adjustments applied are listed in *Appendix XIV*.

Micro-Levelling

Micro-levelling was applied to remove any residual background or precipitation effects from the data. This was achieved by using directional filters to identify and remove artifacts that are long wavelengths parallel to survey lines and short wavelengths perpendicular to survey lines. The following limits were set for the micro-levelling corrections:

- Total Count +/- 30 cps
- Potassium +/- 0.1 %
- Uranium +/- 0.2 ppm
- Thorium +/- 0.1 ppm

Data gridding

A cosine weighted moving average gridding algorithm is considered appropriate for gridding gamma-ray data. The method generates a 2-dimensional grid, equally incremented in x and y, from randomly placed data points. Radiometric data for each cell are derived from a circular average within a radius of 305 m with a cosine weighting function that gives greatest weight to data located closest to the cell centre. The radiometric data were interpolated to a 50 m grid cell size appropriate for survey lines spaced at 250 m. Control and test lines were not included in the grids.

Ternary Radioelement Map

The ternary radioelement map is generated along the lines described in the IAEA-TECDOC-1363 "Guidelines for radioelement mapping using gamma ray spectrometry data" (IAEA 2003). The ternary map is a colour composite image in which the relative concentrations of potassium, equivalent uranium and equivalent thorium determine the colour hue whilst the overall intensity of the hue is determined by the total radioactivity.

Total Radioactivity (TR) is calculated as follows:

$$TR = K + eU + \frac{eTh}{4}$$

where K is expressed as a percentage and eU and eTh are expressed in ppm.

Total radioactivity is split into five levels that together span the full range of values from zero to the maximum total radioactivity encountered. The intensity of the colours used increases for each higher level of total radioactivity.

Relative concentrations of each radioelement are calculated as follows:

$$K_n = \frac{K}{\left(K + eU + eTh/4\right)}$$
$$U_n = \frac{U}{\left(K + eU + eTh/4\right)}$$
$$Th_n = \frac{\left(Th/4\right)}{\left(K + eU + eTh/4\right)}$$

This normalizes the data with respect to average crustal concentrations. Each relative concentration is expressed as a percentage of the total radioactivity, and together they sum up to 100%. The relative saturation of magenta, cyan and yellow is determined by the percentage of relative concentration of potassium, uranium and thorium respectively. For example, 100% potassium will be represented by pure magenta. Within each level of total radioactivity the full range of possible colours is assigned to achieve an equal area distribution so that all colours appear in equal abundance on the ternary image. This approach preserves the most detailed resolution of the data in the ternary image.

Positional Data

A positional data flowchart is presented in *Figure 17.* A number of programs were executed for the compilation of navigation data in order to reformat and recalculate positions from raw 10 Hz range data obtained from the moving (airborne) receivers using combinations of L1 and L2 phase signal.

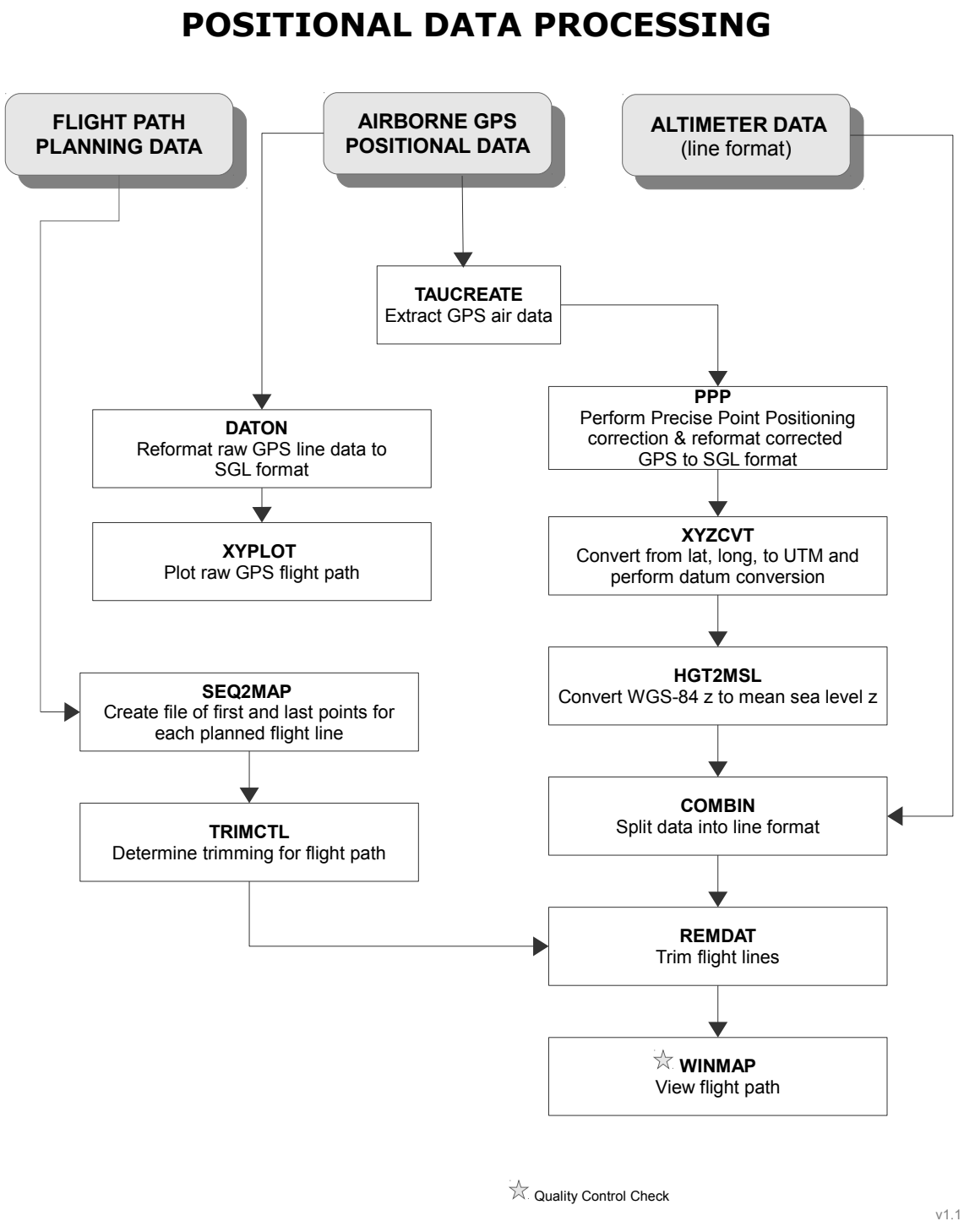


Figure 17: Positional data processing flowchart

Accurate locations of the GPS antenna were determined through Precise Point Positioning (PPP) corrections using the algorithm developed by the Natural Resources Canada (NRCAN) (http://webapp.geod.nrcan.gc.ca/geod/tools-outils/ppp.php) adapted to run under SGL's suite of software. This technique provides a final receiver location with an accuracy of better than 5 cm.

Positional data (x, y, z) were recorded and all data processing was performed in the datum WGS-84 datum. The delivered data are provided with x, y locations in the NAD-83 CSRS 2014 datum. Please see *Tables 41* and *42* for ellipsoid parameters for these datums and *Table 43* for the datum conversion parameters.

Table 41: Ellipsoid parameters for WGS-84

Ellipsoid	WGS-84
Semi-major axis	6378137.0
1/flattening	298.257223563

Table 42: Ellipsoid parameters for NAD-83 CSRS 2014

Ellipsoid	GRS-80
Semi-major axis	6378137.0
1/flattening	298.257222101

Table 43: Datum conversion parameters from NAD-83 CSRS 2014 to WGS-84

x shift (m)	0.991
y shift (m)	-1.9072
z shift (m)	-0.5129
x rotation (rad)	1.294181E-7
y rotation (rad)	-0.143946E-7
z rotation (rad)	0.5392486E-7

The survey spans UTM zones 9N and 10N so all located data and grids are provided with both sets of UTM projection coordinates. For the purpose of making maps at 1:500,000 scale that cover the entire survey area, the data was reprojected to the British Columbia (BC) Albers Equal Area Projection which also employs the NAD-83 datum. The projection parameters for BC Albers are provided in *Table 44*.

Table 44: Datum conversion parameters from NAD-83 CSRS 2014 to WGS-84

Central Meridian	126.0° West
First Standard Parallel	50.0° North
Second Standard Parallel	58.5° North
Latitude of Projection Origin	45.0° North
False Northing	0.0 m
False Easting	1000000.0 m

Elevation data were recorded relative to the GRS-80 ellipsoid and transformed to orthometric "mean sea level" (MSL) height using the Canadian Geodetic Vertical Datum (CGVD) 2013 model.

Radar, Barometric, and Laser Altimeter Data

The barometric altimeter was recorded at a rate of 10 Hz and used in the calculation of effective height for spectrometer data processing (see above) but was not used for positional purposes because of the availability of more accurate GPS altitudes.

The laser altimeter recorded terrain clearance at 3.3 Hz. Even though the laser altimeter can record returns up to 1500 m above the ground with a high degree of certainty, laser data dropouts occurred while flying over the extreme mountainous parts of the survey area. The laser data also shows the effects of the tree cover in many places, with groups or individual trees apparent; variable penetration between the trees results in a high frequency variation of recorded altitude. The raw laser data were processed with an iterative de-spiking routine.

The terrain clearance was measured by the TRT radar altimeter and the King radar altimeter at 10 Hz. The TRT and King radar altimeter data were filtered to remove high-frequency noise using a 67-point low pass filter. The final data were plotted and inspected for quality. In general the radar altimeter penetrates the canopy of groups of trees less than the laser as it records the first return within the footprint of its signal.

A digital elevation model (DEM) was derived by subtracting the laser altimeter data from the GPS altitude with respect to orthometric CGVD altitude (similar to mean sea level). Sections of poor laser data due to locally weak reflectivity from the surface or the effects of clouds and where laser data is missing due to high clearances above the laser's limit were replaced using TRT radar data. For seven flights the data from the TRT altimeter could not be used so data from the King altimeter were used instead (Flights 1029, 1030,2001, 2002, 2003, 2004 and 2005). In two of the flights where the King altimeter was employed (1029 and 1030) clearances above ground on parts of lines exceeded the King's limit of ~675m; for these parts of lines, clearance was computed using the difference between Shuttle Radar Terrain Mission (SRTM) digital elevation model data and the GPS altitude of the aircraft. Water surfaces often provide inconsistent returns from the altimeters depending on surface conditions, therefore lakes were flattened by microlevelling, but the rest of the DEM did not require a microlevel correction. The DEM is provided as grids with a 50 m cell size.

9. FINAL PRODUCTS

Magnetic Line Data Format

Line data is provided both as a Geosoft compatible ASCII (.XYZ) file and as a Geosoft Data Base (.GDB) file. A listing of the data channels delivered in these formats with a sampling rate of 10 Hz can be found in *Table 45*.

Table 45: Magnetic line data channels and format

Name	Units	Field Length	Null	Description
LINE	-	8	-	Line Number XXXX.YY where XXXX is line number and YY is segment number
FLT	-	6	-	Flight Number
YEAR	-	5	-	Year
DATE	-	5	-	Day of Year
TIME	s	10	*	Seconds Past Midnight UTC
FTIME	s	10	*	Fiducial Seconds Past Midnight UTC
UTM10-X	m	11	*	Easting, CSRS(2014) UTM ZONE 10N
UTM10-Y	m	11	*	Northing, CSRS(2014) UTM ZONE 10N
UTM09-X	m	11	*	Easting, CSRS(2014) UTM ZONE 09N
UTM09-Y	m	11	*	Northing, CSRS(2014) UTM ZONE 09N
UTM-Z	m	10	*	GPS Elevation (Ellipsoidal Height)
MSL-Z	m	10	*	GPS Elevation (Orthometric Height)
LAT	degree	13	*	Latitude, CSRS(2014)
LONG	degree	13	*	Longitude, CSRS(2014)
TER	m	11	*	Processed Digital Elevation Model (above Mean Sea Level)
CLEAR	m	11	*	Clearance (Height above ground)
FLUX-1	nT	11	*	X-component Field of Fluxgate Magnetometer
FLUX-2	nT	11	*	Y-component Field of Fluxgate Magnetomter
FLUX-3	nT	11	*	Z-component Field of Fluxgate Magnetometer
TFLUX	nT	11	*	Total Flux of Fluxgate Magnetometer
UNCOMP-1	nT	11	*	Raw Total Magnetic Field for Port Sensor
COMP-1	nT	11	*	Compensated Total Magnetic Field for Port Sensor
UNCOMP-2	nT	11	*	Raw Total Magnetic Field for Starboard Sensor
COMP-2	nT	11	*	Compensated Total Magnetic Field for Starboard Sensor
UNCOMP-3	nT	11	*	Raw Total Magnetic Field for Tail Sensor
COMP-3	nT	11	*	Compensated Total Magnetic Field for Tail Sensor
COMPLAG-3	nT	11	*	Compensated, Lag Corrected Total Magnetic Field for Tail Sensor
DIURNAL-1	nT	11	*	Diurnal Magnetic Field from Reference Station #1
DIURNAL-2	nT	11	*	Diurnal Magnetic Field from Reference Station #2
DCMAG	nT	11	*	Diurnal Corrected Airborne Total Magnetic Field for Tail Sensor
IGRFHGTCOR	nT	11	*	IGRF Height Corrected Total Magnetic Field for Tail Sensor
TAYLORCORR	nT	11	*	Taylor Series Height Corrected Total Magnetic Field for Tail Sensor
LEVMAG	nT	11	*	Levelled Total Magnetic Field for Tail Sensor

Name	Units	Field Length	Null	Description
MLEVMAG	nT	11	*	Microlevelled Total Magnetic Field for Tail Sensor
FINALMAG	nT	11	*	Final IGRF Corrected Anomalous Magnetic Field for Tail Sensor
IGRF	nT	11	*	IGRF Value
LATCOMPGRAD	nT/m	15	*	Compensated Lateral Magnetic Gradient
LONGCOMPGRAD	nT/m	15	*	Compensated Longitudinal Magnetic Gradient
LATLAGGRAD	nT/m	15	*	Compensated, Lag Corrected, Lateral Magnetic Gradient
LONGLAGGRAD	nT/m	15	*	Compensated, Lag Corrected, Longitudinal Magnetic Gradient
LATLEGGRAD	nT/m	15	*	Levelled Lateral Magnetic Gradient
LONGLEVGRAD	nT/m	15	*	Levelled Longitudinal Magnetic Gradient
ENHNCDDMAG	nT	13	*	Enhanced Anomalous Magnetic Field
ENHNCDLEVMAG	nT	13	*	Enhanced Anomalous Magnetic Field Levelled to Geological Surbvey of Canada Dataset
AZIMUTH	degree	11	*	Aircraft Azimuth with respect to North
ROLL	degree	11	*	Aircraft Roll
PITCH	degree	11	*	Aircraft Pitch

Spectrometer Line Data Format

Line data is provided both as a Geosoft compatible ASCII (.XYZ) file and as a Geosoft Data Base (.GDB) file. A listing of the data channels delivered in these formats with a sampling rate of 1 Hz can be found in *Table 46*.

Table 46: Spectrometer line data channels and format

Title	Units	Field Length	Null	Description
LINE	-	8	-	Line Number XXXX.YY where XXXX is line number and YY is segment number
FLT	-	6	-	Flight Number
YEAR	-	5	-	Year
DOY	-	5	-	Day of Year
TIME	s	10	*	Seconds Past Midnight UTC
FTIME	s	10	*	Fiducial Seconds Past Midnight UTC
UTM10-X	m	11	*	Easting, CSRS(2014) UTM ZONE 10N
UTM10-Y	m	11	*	Northing, CSRS(2014) UTM ZONE 10N
UTM9-X	m	11	*	Easting, CSRS(2014) UTM ZONE 09N
UTM9-Y	m	11	*	Northing, CSRS(2014) UTM ZONE 09N
UTM-Z	m	10	*	GPS Elevation (GRS-80 Ellipsoidal Height)
MSL-Z	m	10	*	GPS Elevation (CGVD2013 Orthometric Height)
LAT	degree	13	*	Latitude, CSRS(2014)
LONG	degree	13	*	Longitude, CSRS(2014)
CLEAR	m	11	*	Clearance
BA_ALT	m	11	*	Barometric Pressure Altitude
TEMP	degree C	11	*	Temperature
EFF	m	11	*	Effective Height at Standard Temperature and Pressure
R_LIVE	counts/s	11	*	Gamma-ray spectrometer live time
R_COS	counts/s	8	*	Recorded Cosmic Count
R_UP_U	counts/s	10	*	Recorded Up-Looking Uranium Count
R_TOT	counts/s	10	*	Recorded Total Count
R_POT	counts/s	10	*	Recorded Potassium Count
R_URA	counts/s	10	*	Recorded Uranium Count
R_TH	counts/s	10	*	Recorded Thorium Count
CR_TOT	counts/s	10	*	Corrected Total Count
CR_POT	counts/s	10	*	Corrected Potassium Count
CR_URA	counts/s	10	*	Corrected Uranium Count
CR_TH	counts/s	10	*	Corrected Thorium Count
CR_POTC	%	12	*	Corrected Potassium Concentration
CR_URAC	ppm	12	*	Corrected Uranium Concentration
CR_THC	ppm	12	*	Corrected Thorium Concentration
CR_TOT_HL	counts/s	12	*	Corrected Total Count, micro-levelled, nulled above 400 m effective height
CR_POT_HL	counts/s	12	*	Corrected Potassium Count, micro-levelled, nulled above 400 m effective height
CR_URA_HL	counts/s	12	*	Corrected Uranium Count, micro-levelled, nulled above 250 m effective height

Title	Units	Field Length	Null	Description
CR_TH_HL	counts/s	12	*	Corrected Thorium Count, micro-levelled, nulled above 400 m effective height
CR_POTC_HL	%	12	*	Corrected Potassium Concentration, micro-levelled, nulled above 400 m effective height
CR_URAC_HL	ppm	12	*	Corrected Uranium Concentration, micro-levelled, nulled above 250 m effective height
CR_THC_HL	ppm	12	*	Corrected Thorium Concentration, micro-levelled, nulled above 400 m effective height
DOSE_HL	nGy/hr	12	*	Natural Air Absorbed Dose Rate, nulled above 250 m effective height

Full Spectrum Spectrometer Line Data Format

Line data is provided both as a Geosoft compatible ASCII (.XYZ) file. A listing of the data channels delivered in these formats with a sampling rate of 1 Hz can be found in *Table 47*.

Table 47: Full Spectrum Spectrometer line data channels and format

Title	Units	Field Length	Null	Description
FTIME	s	09	*	Fiducial Seconds Past Midnight UTC
LIVE	counts/s	06	*	Gamma-ray spectrometer live time
S:Ch#	counts/s	array	*	Raw 256-channel gamma-ray down/up spectrum

Digital Grids

The following are provided as digital grids in Goesoft Binary (.GRD), Geotiff (.tiff) and Portable Network Graphics (.png) formats each with associated Geographic Information (.gi) files , in datum CSRS (2014), projections UTM Zone 09N and 10N:

Table 48: Delivered digital grids

Grid File Name	Units	Grid Cell Size (m)	Description
MAG_UTM10	nT	50	Anomalous Magnetic Field in UTM 10N
FVM_UTM10	nT/m	50	First Vertical Derivative of Anomalous Magnetic Field in UTM 10N
Lateral_Gradient_UTM10	nT/m	50	Lateral Magnetic Gradient in UTM 10N
Longitudinal_Gradient_UTM10	nT/m	50	Longitudinal Magnetic Gradient in UTM 10N
Enhanced_Mag_UTM10	nT	50	Enhanced Anomalous Magnetic Field in UTM 10N
Enhanced_Mag_UTM10_GSC	nT	50	Enhanced Anomalous Magnetic Field Levelled to GSC Dataset in UTM 10N
Enhanced_FVD_UTM10	nT/m	50	Enhanced First Vertical Derivative of Anomalous Magnetic Field in UTM 10N
RTP_UTM10	nT	50	Reduced to Pole Anomalous Magnetic Field in UTM 10N
TILT_UTM10	degree	50	Tilt Angle of Reduced to Pole Anomalous Magnetic Field in UTM 10N
TOTGRAD_UTM10	nT	50	Total Gradient of Anomalous Magnetic Field in UTM 10N
DEM_UTM10	m	50	Processed Digital Elevation Model (above Mean Sea Level) in UTM 10N
MAG_UTM09	nT	50	Anomalous Magnetic Field in UTM 09N

Grid File Name	Units	Grid Cell Size (m)	Description
FVM_UTM09	nT/m	50	First Vertical Derivative of Anomalous Magnetic Field in UTM 09N
Lateral_Gradient_UTM09	nT/m	50	Lateral Magnetic Gradient in UTM 09N
Longitudinal_Gradient_UTM09	nT/m	50	Longitudinal Magnetic Gradient in UTM 09N
Enhanced_Mag_UTM09	nT	50	Enhanced Anomalous Magnetic Field in UTM 09N
Enhanced_Mag_UTM09_GSC	nT	50	Enhanced Anomalous Magnetic Field Levelled to GSC Dataset in UTM 09N
Enhanced_FVD_UTM09	nT/m	50	Enhanced First Vertical Derivative of Anomalous Magnetic Field in UTM 09N
RTP_UTM09	nT	50	Reduced to Pole Anomalous Magnetic Field in UTM 09N
TILT_UTM09	degree	50	Tilt Angle of Reduced to Pole Anomalous Magnetic Field in UTM 09N
TOTGRAD_UTM09	nT	50	Total Gradient of Anomalous Magnetic Field in UTM 09N
DEM_UTM09	m	50	Processed Digital Elevation Model (above Mean Sea Level) in UTM 09N
Dose_UTM10	nGy/h	50	Natural Air Absorbed Dose Rate. Nulled above 250m effective height. UTM-10N
Tot_UTM10	counts/ sec	50	Corrected Total counts. Nulled above 400m effective height. UTM-10N
PotC_UTM10	%	50	Corrected Potassium concentration. Nulled above 400m effective height. UTM-10N
UraC_UTM10	ppm	50	Corrected Uranium concentration. Nulled above 250m effective height. UTM-10N
ThC_UTM10	ppm	50	Corrected Thorium concentration. Nulled above 400m effective height. UTM-10N
Ratio_UraTh_UTM10	ppm/ ppm	50	Equivalent Uranium/equivalent Thorium ratio. UTM-10N
Ratio_UraPot_UTM10	ppm/%	50	Equivalent Uranium/ Potassium ratio. UTM-10N
Ratio_ThPot_UTM10	ppm/%	50	Equivalent Thorium/ Potassium ratio. UTM-10N
Dose_UTM09	nGy/h	50	Natural Air Absorbed Dose Rate. Nulled above 250m effective height. UTM-09N
Tot_UTM09	counts/ sec	50	Corrected Total counts. Nulled above 400m effective height. UTM-09N
PotC_UTM09	%	50	Corrected Potassium concentration. Nulled above 400m effective height. UTM-09N
UraC_UTM09	ppm	50	Corrected Uranium concentration. Nulled above 250m effective height. UTM-09N
ThC_UTM09	ppm	50	Corrected Thorium concentration. Nulled above 400m effective height. UTM-09N
Ratio_UraTh_UTM09	ppm/ ppm	50	Equivalent Uranium/equivalent Thorium ratio. UTM-09N
Ratio_UraPot_UTM09	ppm/%	50	Equivalent Uranium/ Potassium ratio. UTM-09N
Ratio_ThPot_UTM09	ppm/%	50	Equivalent Thorium/ Potassium ratio. UTM-09N

1:100,000 Scale Maps

The following products are provided as paper maps and digitally in PDF format at 1:100,000 scale in datum CSRS (2014), projection UTM Zone 09N or UTM Zone 10N depending on their location:

Table 49: Delivered maps, hard copy and digitally, 1:100,000 Scale

Map Name	Description
Geoscience BC Map 2017-03-1X	Enhanced Magnetic Field Map
Geoscience BC Map 2017-03-2X	Air Absorbed Dose Rate Map
Geoscience BC Map 2017-03-3X	Ternary Radioelement Map
Geoscience BC Map 2017-03-4X	Digital Elevation Model Map

X in the table above represents the map sheet number at this scale, from 1 to 9. See *Figure 18* for the map layout.

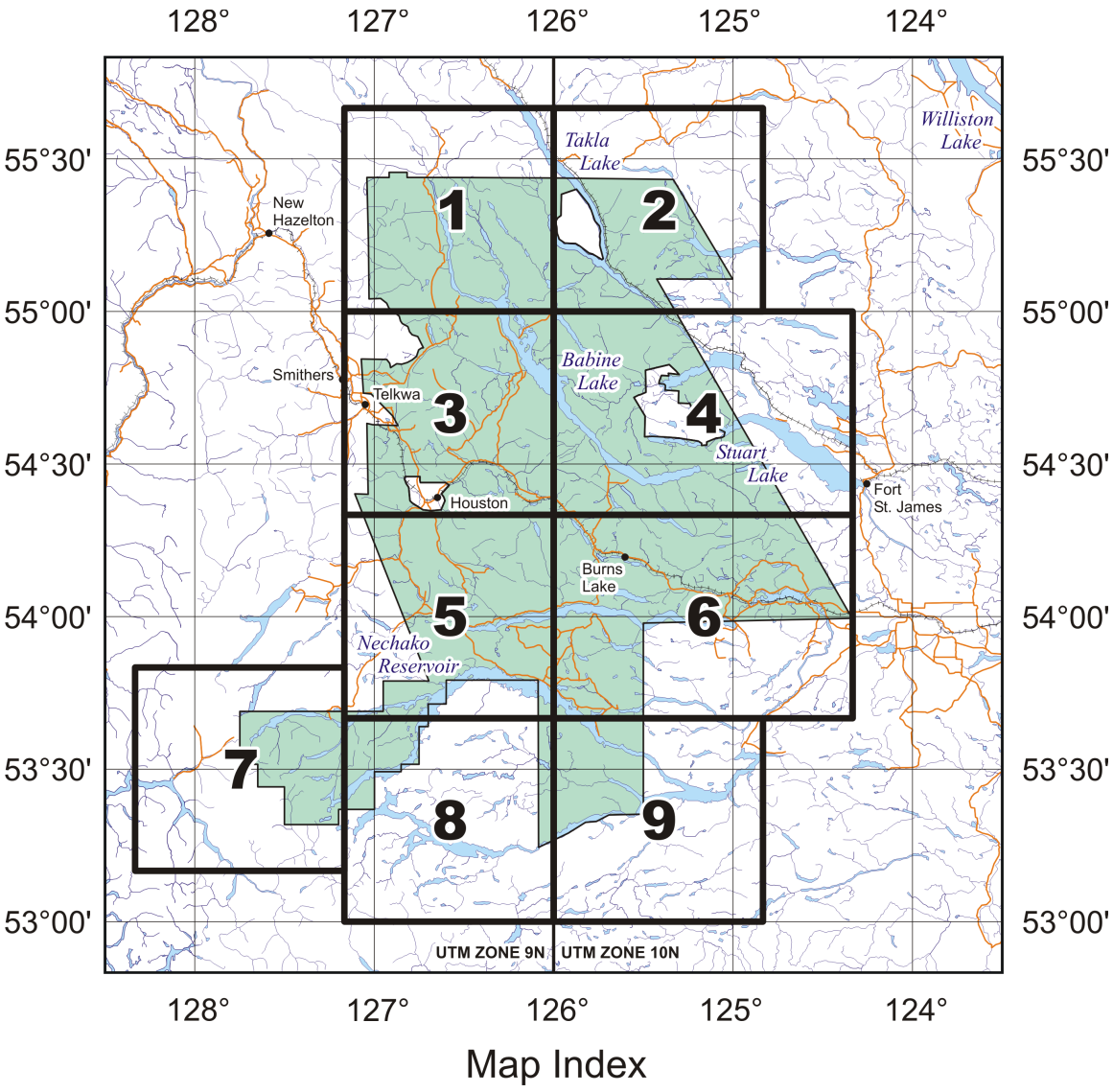


Figure 18: 1:100,000 scale

1:500,000 Scale Maps

The following products are provided as a single map that covers the entire survey area as both paper maps and digitally in PDF format at 1:500,000 scale in datum CSRS(2014), projections BC Albers Equal Area:

Table 50: Delivered maps, hard copy and digitally, 1:500,000 Scale

Map Name	Description
Geoscience BC Map 2017-03-10	Enhanced Magnetic Field Map
Geoscience BC Map 2017-03-20	Air Absorbed Dose Rate Map
Geoscience BC Map 2017-03-30	Ternary Radioelement Map
Geoscience BC Map 2017-03-40	Digital Elevation Model Map

See *Figure 19* for the map layout. See *Appendix XV* for page size versions of the maps

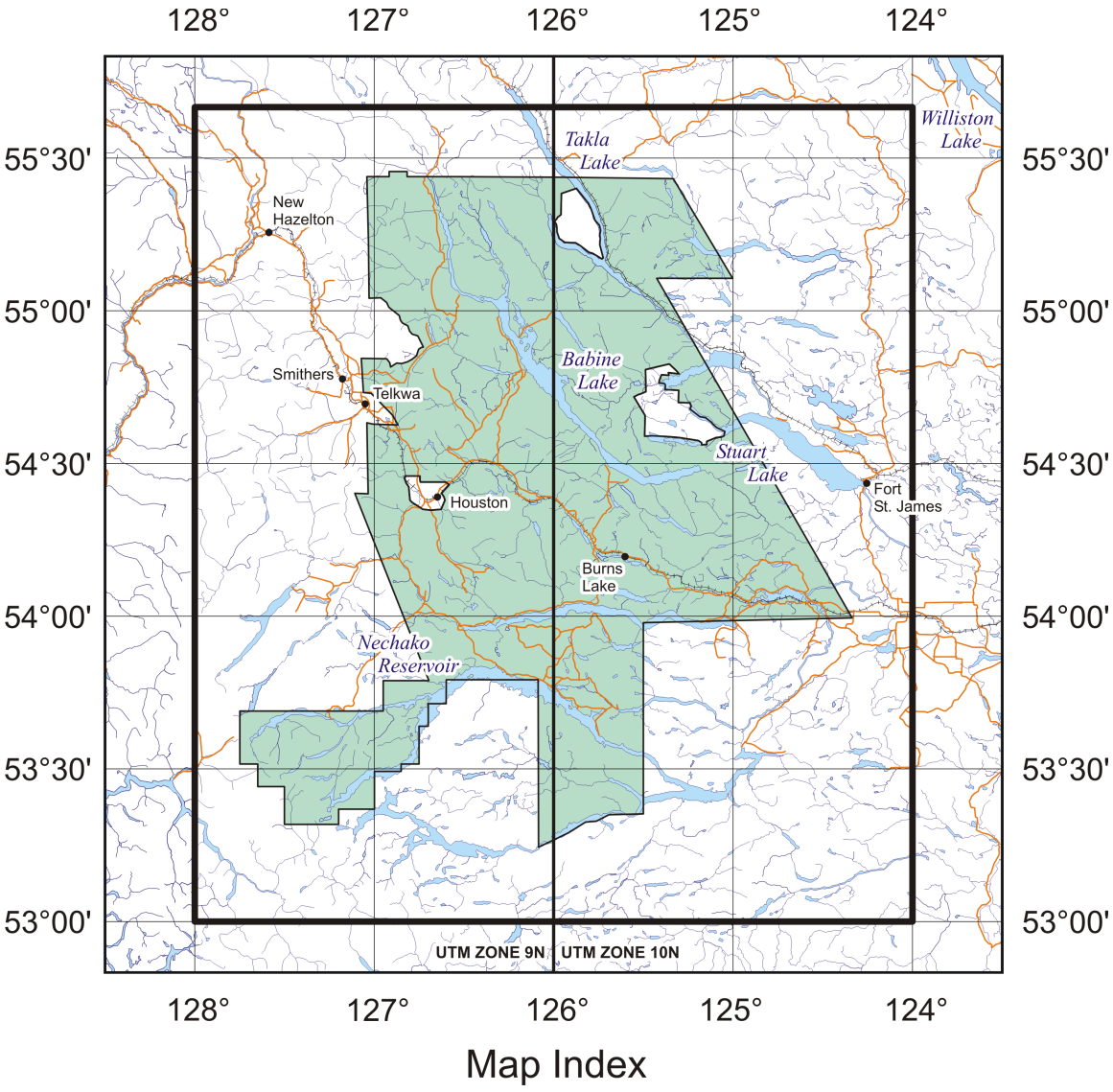


Figure 19: 1:500,000 scale map

SGL

Appendix I





COMPANY PROFILE

ABOUT US

Sander Geophysics Limited (SGL) provides worldwide airborne geophysical surveys for petroleum and mineral exploration, and geological and environmental mapping. Services offered include high resolution airborne gravity, magnetic, electromagnetic, and radiometric surveys, using fixed-wing aircraft and helicopters.



SGL head office in Ottawa, Canada

Dr. George W. Sander (1924-2008) founded SGL in 1956 to provide ground geophysical surveys. The first airborne surveys were performed as early as 1958, and by 1967 airborne geophysical surveys were the company's main focus. Operations have expanded steadily since SGL was founded more than 50 years ago. The company is led by co-Presidents Luise Sander and Stephan Sander.

WORLDWIDE OPERATIONS

SGL's head office and aircraft maintenance hangar are located at the International Airport in Ottawa, Canada. Sander Geophysics has operated on every continent including Antarctica, over diverse conditions ranging from the tropics to deserts, mountains and offshore.

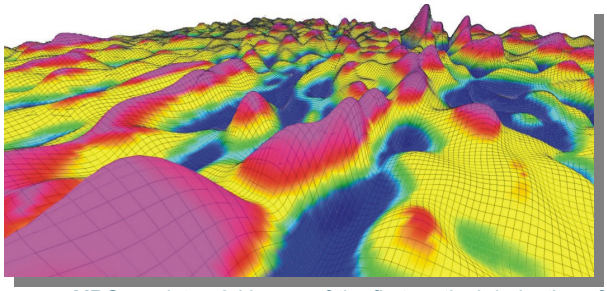
Facilities at the head office include a state of the art data processing department with an integrated digital cartographic department and a fully equipped electronics workshop for research, development and production of geophysical instruments. A Transport Canada Approved Maintenance Organization (AMO) for fixed-wing aircraft and helicopters allows most aircraft maintenance and modifications to be performed in-house.

SERVICES

AIRBORNE SURVEYS

- **Gravity (AIRGrav)**
- **Magnetic Total Field**
- **Magnetic Gradient**
- **Electromagnetic**
- **Gamma-ray Spectrometer**
- **Scanning LiDAR**

SGL offers gravity surveys with **AIRGrav** (Airborne Inertially Referenced Gravimeter), which was designed specifically for the unique characteristics of the airborne environment and is the highest resolution airborne gravimeter available. **AIRGrav** can be flown in an efficient survey aircraft during normal daytime conditions and is routinely flown in combination with magnetometer systems in SGL's airplanes and helicopters.



***AIRGrav** data: 3d image of the first vertical derivative of terrain corrected Bouguer gravity*

DATA PROCESSING

Immediate data processing is part of SGL's standard quality control procedure, and provides clients with rapid results for evaluation while a survey is in progress. Sander Geophysics offers a full range of data enhancement programs and integrated interpretation services by experienced geoscientists. Available products in digital and/or hard copy include:

- **Contour, colour or shaded relief maps of any parameter or combination of parameters**
- **NASVD processed gamma-ray spectrometer data**
- **Filtered line or grid products such as vertical or horizontal gradients, frequency slices,**

high/low-pass or band-pass filtered, amplitude of the analytic signal, reduction to the pole, upward or downward continuation

- **Computed depth to basement**
- **Calculated digital terrain models**
- **Two- or three-dimensional modelling**
- **Cultural editing**
- **Complete geophysical interpretative reports**

ENVIRONMENTAL MONITORING

The company also provides environmental monitoring services using gamma-ray spectrometers and specialized processing to detect and quantify natural and anthropogenic radiation.

HEALTH & SAFETY

Sander Geophysics is a founding and active executive member of the International Airborne Geophysics Safety Association (IAGSA), which promotes the safe operation of helicopters and fixed-wing aircraft on airborne geophysical surveys.

SGL has developed and implemented a Safety Management System (SMS) and comprehensive Health, Safety and Environment (HSE) policies that govern all aspects of company operations. Safety initiatives include:

- **Project-specific Aviation Risk Analysis (ARA) and Personnel Risk Analysis (PRA) for all surveys**
- **Real-time satellite tracking of SGL aircraft**
- **HSE and first aid training for all field personnel**
- **Low-level flight and aircraft simulator training for pilots**
- **Advanced safety training appropriate to the survey location, such as water-egress, wilderness survival, etc.**

SGL's excellent safety record reflects the quality and experience of its survey crews. This, combined with management's ongoing commitment to safety, helps to ensure that Sander Geophysics is a safe and reliable choice for airborne geophysical surveys.

PERSONNEL

Sander Geophysics has over 160 experienced permanent employees, including geophysicists, software and hardware engineers, aircraft maintenance engineers and pilots.

AIRCRAFT

SGL owns and operates seventeen aircraft, including eight Cessna Grand Caravans and a Twin Otter all equipped for geophysical surveys.

The Grand Caravans have been modified to allow the installation of a tri-axial magnetic gradiometer system. The company's fleet also includes three all composite Diamond DA42 Twin Stars, modified for gravity and horizontal magnetic gradient surveys, and two AS350 B3 helicopters equipped for gravity, magnetic and radiometric surveys. Extensive modifications have been made to all of the survey aircraft to accommodate geophysical instruments and to reduce the aircraft's magnetic field. Typical Figures of Merit (FOM) for Sander Geophysics' fixed-wing aircraft are less than 1 nT. The company's aircraft are flown and maintained by licensed and experienced permanent employees of Sander Geophysics.



SGL aircraft

RESEARCH & DEVELOPMENT

Nearly one-third of the company's resources are devoted to developing new and more efficient instrumentation for airborne geophysical surveying, and to further refine its full suite of software for geophysical data processing.

SGL

Appendix II



Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
C0101.0	N54:21.91	W127:04.65	N54:24.77	W127:04.73	2.86	5.30
C0102.0	N54:18.46	W127:02.26	N54:38.53	W127:02.77	20.11	37.24
C0102.1	N54:44.10	W127:02.91	N54:50.90	W127:03.08	6.81	12.62
C0103.0	N54:14.95	W126:59.87	N54:38.45	W127:00.44	23.54	43.59
C0103.1	N54:43.67	W127:00.57	N54:50.86	W127:00.74	7.20	13.33
C0103.2	N55:02.42	W127:01.03	N55:25.66	W127:01.61	23.28	43.12
C0104.0	N54:11.41	W126:57.48	N54:38.41	W126:58.12	27.05	50.10
C0104.1	N54:42.30	W126:58.21	N54:50.82	W126:58.41	8.54	15.82
C0104.2	N55:02.39	W126:58.68	N55:25.62	W126:59.24	23.27	43.09
C0105.0	N54:07.86	W126:55.11	N54:38.37	W126:55.79	30.56	56.60
C0105.1	N54:40.91	W126:55.85	N54:50.78	W126:56.07	9.89	18.32
C0105.2	N55:01.63	W126:56.32	N55:25.58	W126:56.86	23.99	44.44
C0106.0	N54:04.43	W126:52.74	N54:49.53	W126:53.71	45.17	83.66
C0106.1	N55:00.02	W126:53.94	N55:25.58	W126:54.49	25.61	47.42
C0107.0	N54:00.90	W126:50.37	N54:49.90	W126:51.38	49.08	90.89
C0107.1	N54:58.50	W126:51.56	N55:25.63	W126:52.13	27.18	50.35
C0108.0	N53:57.35	W126:48.02	N54:26.11	W126:48.58	28.81	53.35
C0108.1	N54:28.11	W126:48.62	N54:50.14	W126:49.05	22.07	40.88
C0108.2	N54:57.11	W126:49.19	N55:25.59	W126:49.76	28.54	52.85
C0109.0	N53:53.90	W126:45.67	N54:22.70	W126:46.20	28.84	53.41
C0109.1	N54:28.06	W126:46.30	N54:51.02	W126:46.73	23.00	42.59
C0109.2	N54:55.43	W126:46.82	N55:25.57	W126:47.39	30.19	55.92
C0110.0	N53:50.39	W126:43.32	N54:21.71	W126:43.88	31.37	58.10
C0110.1	N54:26.91	W126:43.97	N54:52.89	W126:44.43	26.02	48.19
C0110.2	N54:54.05	W126:44.45	N55:25.64	W126:45.02	31.64	58.60
C0111.0	N53:48.18	W126:41.01	N54:21.53	W126:41.57	33.40	61.86
C0111.1	N54:26.90	W126:41.66	N55:25.60	W126:42.65	58.80	108.90
C0112.0	N53:48.14	W126:38.73	N54:21.54	W126:39.26	33.45	61.95
C0112.1	N54:26.85	W126:39.34	N55:25.56	W126:40.28	58.80	108.90
C0113.0	N53:48.20	W126:36.45	N54:22.65	W126:36.97	34.51	63.91
C0113.1	N54:26.91	W126:37.03	N55:25.55	W126:37.91	58.74	108.79
C0114.0	N53:48.18	W126:34.17	N55:25.60	W126:35.54	97.58	180.71
C0115.0	N53:48.14	W126:31.90	N55:25.55	W126:33.17	97.58	180.71
C0116.0	N53:48.19	W126:29.62	N55:25.53	W126:30.80	97.50	180.57
C0117.0	N53:48.18	W126:27.34	N55:25.59	W126:28.43	97.58	180.71
C0118.0	N53:48.13	W126:25.07	N55:25.54	W126:26.06	97.58	180.71
C0119.0	N53:48.03	W126:22.79	N55:25.50	W126:23.69	97.64	180.83

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
C0120.0	N53:48.15	W126:20.51	N55:25.62	W126:21.32	97.64	180.83
C0121.0	N53:48.11	W126:18.24	N55:25.52	W126:18.95	97.58	180.71
C0122.0	N53:48.02	W126:15.96	N55:25.47	W126:16.58	97.62	180.78
C0123.0	N53:48.14	W126:13.68	N55:25.44	W126:14.21	97.47	180.52
C0124.0	N53:48.09	W126:11.41	N55:25.49	W126:11.84	97.58	180.71
C0125.0	N53:48.03	W126:09.13	N55:25.44	W126:09.47	97.59	180.73
C0126.0	N53:47.98	W126:06.85	N55:25.40	W126:07.11	97.59	180.74
C0127.0	N53:14.88	W126:04.49	N55:25.52	W126:04.74	130.87	242.37
C0128.0	N53:14.82	W126:02.25	N55:25.41	W126:02.37	130.81	242.27
C0129.0	N53:16.20	W126:00.00	N55:25.35	W126:00.00	129.38	239.61
T1001.0	N53:14.97	W126:05.07	N53:14.90	W126:02.20	1.72	3.19
T1002.0	N53:15.11	W126:05.07	N53:15.04	W126:02.20	1.72	3.19
T1003.0	N53:15.24	W126:05.07	N53:15.17	W126:02.20	1.72	3.19
T1004.0	N53:15.38	W126:05.07	N53:15.31	W126:02.20	1.72	3.19
T1005.0	N53:15.51	W126:05.07	N53:15.44	W126:02.20	1.72	3.19
T1006.0	N53:15.65	W126:05.07	N53:15.58	W126:02.20	1.72	3.19
T1007.0	N53:15.78	W126:05.07	N53:15.71	W126:02.11	1.78	3.29
T1008.0	N53:15.92	W126:05.07	N53:15.84	W126:01.78	1.98	3.66
T1009.0	N53:16.05	W126:05.07	N53:15.96	W126:01.34	2.24	4.15
T1010.0	N53:16.19	W126:05.07	N53:16.08	W126:00.90	2.51	4.64
T1011.0	N53:16.32	W126:05.07	N53:16.21	W126:00.46	2.77	5.13
T1012.0	N53:16.46	W126:05.07	N53:16.33	W125:59.96	3.07	5.69
T1013.0	N53:16.59	W126:05.07	N53:16.47	W126:00.00	3.05	5.64
T1014.0	N53:16.73	W126:05.07	N53:16.60	W126:00.00	3.05	5.64
T1015.0	N53:16.86	W126:05.07	N53:16.74	W126:00.00	3.05	5.64
T1016.0	N53:17.00	W126:05.07	N53:16.87	W126:00.00	3.05	5.64
T1017.0	N53:17.13	W126:05.07	N53:17.01	W126:00.00	3.05	5.64
T1018.0	N53:17.27	W126:05.07	N53:17.14	W126:00.00	3.05	5.64
T1019.0	N53:17.40	W126:05.07	N53:17.28	W126:00.00	3.05	5.64
T1020.0	N53:17.54	W126:05.07	N53:17.41	W126:00.00	3.05	5.64
T1021.0	N53:17.67	W126:05.07	N53:17.55	W126:00.00	3.05	5.64
T1022.0	N53:17.81	W126:05.07	N53:17.68	W126:00.00	3.05	5.64
T1023.0	N53:17.94	W126:05.08	N53:17.82	W126:00.00	3.05	5.64
T1024.0	N53:18.08	W126:05.08	N53:17.95	W126:00.00	3.05	5.64
T1025.0	N53:18.21	W126:05.08	N53:18.09	W126:00.00	3.05	5.65
T1026.0	N53:18.35	W126:05.08	N53:18.22	W126:00.00	3.05	5.65
T1027.0	N53:18.48	W126:05.08	N53:18.36	W126:00.00	3.05	5.65

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT NO	START LAT	START LONG	END LAT	END LONG	LENGTH NM	LENGTH KM
T1028.0	N53:18.62	W126:05.08	N53:18.49	W126:00.00	3.05	5.65
T1029.0	N53:18.75	W126:05.08	N53:18.62	W126:00.00	3.05	5.65
T1030.0	N53:18.89	W126:05.08	N53:18.76	W126:00.00	3.05	5.65
T1031.0	N53:19.02	W126:05.08	N53:18.89	W126:00.00	3.05	5.65
T1032.0	N53:19.16	W126:05.08	N53:19.03	W126:00.00	3.05	5.65
T1033.0	N53:19.29	W126:05.08	N53:19.16	W126:00.00	3.05	5.65
T1034.0	N53:19.43	W126:05.08	N53:19.30	W126:00.00	3.05	5.65
T1035.0	N53:19.56	W126:05.08	N53:19.43	W126:00.00	3.05	5.65
T1036.0	N53:19.70	W126:05.08	N53:19.57	W126:00.00	3.05	5.65
T1037.0	N53:19.83	W126:05.08	N53:19.70	W126:00.00	3.05	5.65
T1038.0	N53:19.97	W126:05.08	N53:19.84	W126:00.00	3.05	5.65
T1039.0	N53:20.10	W126:05.08	N53:19.97	W126:00.00	3.05	5.65
T1040.0	N53:20.23	W126:05.08	N53:20.11	W126:00.00	3.05	5.65
T1041.0	N53:20.37	W126:05.08	N53:20.24	W126:00.00	3.05	5.65
T1042.0	N53:20.50	W126:05.08	N53:20.38	W126:00.00	3.05	5.65
T1043.0	N53:20.64	W126:05.08	N53:20.51	W126:00.00	3.05	5.65
T1044.0	N53:20.77	W126:05.08	N53:20.65	W126:00.00	3.05	5.65
T1045.0	N53:20.91	W126:05.08	N53:20.78	W126:00.00	3.05	5.65
T1046.0	N53:21.04	W126:05.08	N53:20.92	W126:00.00	3.05	5.65
T1047.0	N53:21.18	W126:05.09	N53:21.05	W126:00.00	3.05	5.65
T1048.0	N53:21.31	W126:05.09	N53:21.19	W126:00.00	3.05	5.65
T1049.0	N53:21.45	W126:05.09	N53:21.32	W126:00.00	3.05	5.65
T1050.0	N53:21.58	W126:05.09	N53:21.46	W126:00.00	3.05	5.65
T1051.0	N53:21.72	W126:05.09	N53:21.59	W126:00.00	3.05	5.65
T1052.0	N53:21.85	W126:05.09	N53:21.73	W126:00.00	3.05	5.65
T1053.0	N53:21.99	W126:05.09	N53:21.86	W126:00.00	3.05	5.65
T1054.0	N53:22.12	W126:05.09	N53:22.00	W126:00.00	3.05	5.65
T1055.0	N53:22.26	W126:05.09	N53:22.13	W126:00.00	3.05	5.65
T1056.0	N53:22.39	W126:05.09	N53:22.27	W126:00.00	3.05	5.65
T1057.0	N53:22.53	W126:05.09	N53:22.40	W126:00.00	3.05	5.65
T1058.0	N53:22.66	W126:05.09	N53:22.54	W126:00.00	3.05	5.65
T1059.0	N53:22.80	W126:05.09	N53:22.67	W126:00.00	3.05	5.65
T1060.0	N53:22.93	W126:05.09	N53:22.81	W126:00.00	3.05	5.65
T1061.0	N53:23.07	W126:05.09	N53:22.94	W126:00.00	3.05	5.65
T1062.0	N53:23.20	W126:05.09	N53:23.08	W126:00.00	3.05	5.65
T1063.0	N53:23.34	W126:05.09	N53:23.21	W126:00.00	3.05	5.65
T1064.0	N53:23.47	W126:05.09	N53:23.35	W126:00.00	3.05	5.65

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1065.0	N53:23.61	W126:05.09	N53:23.48	W126:00.00	3.05	5.65
T1066.0	N53:23.74	W126:05.09	N53:23.62	W126:00.00	3.05	5.65
T1067.0	N53:23.88	W126:05.09	N53:23.75	W126:00.00	3.05	5.65
T1068.0	N53:24.01	W126:05.09	N53:23.89	W126:00.00	3.05	5.65
T1069.0	N53:24.15	W126:05.09	N53:24.02	W126:00.00	3.05	5.65
T1070.0	N53:24.28	W126:05.10	N53:24.16	W126:00.00	3.05	5.65
T1071.0	N53:24.42	W126:05.10	N53:24.29	W126:00.00	3.05	5.65
T1072.0	N53:24.55	W126:05.10	N53:24.43	W126:00.00	3.05	5.65
T1073.0	N53:24.69	W126:05.10	N53:24.56	W126:00.00	3.05	5.65
T1074.0	N53:24.82	W126:05.10	N53:24.69	W126:00.00	3.05	5.66
T1075.0	N53:24.96	W126:05.10	N53:24.83	W126:00.00	3.05	5.66
T1076.0	N53:25.09	W126:05.10	N53:24.96	W126:00.00	3.05	5.66
T1077.0	N53:25.23	W126:05.10	N53:25.10	W126:00.00	3.05	5.66
T1078.0	N53:25.36	W126:05.10	N53:25.23	W126:00.00	3.05	5.66
T1079.0	N53:25.50	W126:05.10	N53:25.37	W126:00.00	3.05	5.66
T1080.0	N53:25.63	W126:05.10	N53:25.50	W126:00.00	3.05	5.66
T1081.0	N53:25.77	W126:05.10	N53:25.64	W126:00.00	3.05	5.66
T1082.0	N53:25.90	W126:05.10	N53:25.77	W126:00.00	3.05	5.66
T1083.0	N53:26.04	W126:05.10	N53:25.91	W126:00.00	3.05	5.66
T1084.0	N53:26.17	W126:05.10	N53:26.04	W126:00.00	3.05	5.66
T1085.0	N53:26.31	W126:05.10	N53:26.18	W126:00.00	3.05	5.66
T1086.0	N53:26.44	W126:05.10	N53:26.31	W126:00.00	3.05	5.66
T1087.0	N53:26.57	W126:05.10	N53:26.45	W126:00.00	3.05	5.66
T1088.0	N53:26.71	W126:05.10	N53:26.58	W126:00.00	3.05	5.66
T1089.0	N53:26.84	W126:05.10	N53:26.72	W126:00.00	3.05	5.66
T1090.0	N53:26.98	W126:05.10	N53:26.85	W126:00.00	3.05	5.66
T1091.0	N53:27.11	W126:05.10	N53:26.99	W126:00.00	3.05	5.66
T1092.0	N53:27.25	W126:05.10	N53:27.12	W126:00.00	3.06	5.66
T1093.0	N53:27.38	W126:05.10	N53:27.26	W126:00.00	3.06	5.66
T1094.0	N53:27.52	W126:05.10	N53:27.39	W126:00.00	3.06	5.66
T1095.0	N53:27.65	W126:05.11	N53:27.53	W126:00.00	3.06	5.66
T1096.0	N53:27.79	W126:05.11	N53:27.66	W126:00.00	3.06	5.66
T1097.0	N53:27.92	W126:05.11	N53:27.80	W126:00.00	3.06	5.66
T1098.0	N53:28.06	W126:05.11	N53:27.93	W126:00.00	3.06	5.66
T1099.0	N53:28.19	W126:05.11	N53:28.07	W126:00.00	3.06	5.66
T1100.0	N53:28.33	W126:05.11	N53:28.20	W126:00.00	3.06	5.66
T1101.0	N53:28.46	W126:05.11	N53:28.34	W126:00.00	3.06	5.66

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT NO	START LAT	START LONG	END LAT	END LONG	LENGTH NM	LENGTH KM
T1102.0	N53:28.60	W126:05.11	N53:28.47	W126:00.00	3.06	5.66
T1103.0	N53:28.73	W126:05.11	N53:28.61	W126:00.00	3.06	5.66
T1104.0	N53:28.87	W126:05.11	N53:28.74	W126:00.00	3.06	5.66
T1105.0	N53:29.00	W126:05.11	N53:28.88	W126:00.00	3.06	5.66
T1106.0	N53:29.14	W126:05.11	N53:29.01	W126:00.00	3.06	5.66
T1107.0	N53:29.27	W126:05.11	N53:29.15	W126:00.00	3.06	5.66
T1108.0	N53:29.41	W126:05.11	N53:29.28	W126:00.00	3.06	5.66
T1109.0	N53:29.54	W126:05.11	N53:29.42	W126:00.00	3.06	5.66
T1110.0	N53:29.68	W126:05.11	N53:29.55	W126:00.00	3.06	5.66
T1111.0	N53:29.81	W126:05.11	N53:29.69	W126:00.00	3.06	5.66
T1112.0	N53:29.95	W126:05.11	N53:29.82	W126:00.00	3.06	5.66
T1113.0	N53:30.08	W126:05.11	N53:29.96	W126:00.00	3.06	5.66
T1114.0	N53:30.22	W126:05.11	N53:30.09	W126:00.00	3.06	5.66
T1115.0	N53:30.35	W126:05.11	N53:30.23	W126:00.00	3.06	5.66
T1116.0	N53:30.49	W126:05.11	N53:30.36	W126:00.00	3.06	5.66
T1117.0	N53:30.62	W126:05.11	N53:30.49	W126:00.00	3.06	5.66
T1118.0	N53:30.76	W126:05.11	N53:30.63	W126:00.00	3.06	5.66
T1119.0	N53:30.89	W126:05.12	N53:30.76	W126:00.00	3.06	5.66
T1120.0	N53:31.03	W126:05.12	N53:30.90	W126:00.00	3.06	5.66
T1121.0	N53:31.16	W126:05.12	N53:31.03	W126:00.00	3.06	5.66
T1122.0	N53:31.30	W126:05.12	N53:31.17	W126:00.00	3.06	5.66
T1123.0	N53:31.43	W126:05.12	N53:31.30	W126:00.00	3.06	5.66
T1124.0	N53:31.57	W126:05.12	N53:31.44	W126:00.00	3.06	5.66
T1125.0	N53:31.70	W126:05.12	N53:31.57	W126:00.00	3.06	5.66
T1126.0	N53:31.84	W126:05.12	N53:31.71	W126:00.00	3.06	5.66
T1127.0	N53:31.97	W126:05.12	N53:31.84	W126:00.00	3.06	5.66
T1128.0	N53:32.11	W126:05.12	N53:31.98	W126:00.00	3.06	5.66
T1129.0	N53:32.24	W126:05.12	N53:32.11	W126:00.00	3.06	5.66
T1130.0	N53:32.38	W126:05.12	N53:32.25	W126:00.00	3.06	5.66
T1131.0	N53:32.51	W126:05.12	N53:32.38	W126:00.00	3.06	5.66
T1132.0	N53:32.64	W126:05.12	N53:32.52	W126:00.00	3.06	5.66
T1133.0	N53:32.78	W126:05.12	N53:32.65	W126:00.00	3.06	5.66
T1134.0	N53:32.91	W126:05.12	N53:32.79	W126:00.00	3.06	5.66
T1135.0	N53:33.05	W126:05.12	N53:32.92	W126:00.00	3.06	5.66
T1136.0	N53:33.18	W126:05.12	N53:33.06	W126:00.00	3.06	5.66
T1137.0	N53:33.32	W126:05.12	N53:33.19	W126:00.00	3.06	5.66
T1138.0	N53:33.45	W126:05.12	N53:33.33	W126:00.00	3.06	5.66

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1139.0	N53:33.59	W126:05.12	N53:33.46	W126:00.00	3.06	5.66
T1140.0	N53:33.72	W126:05.12	N53:33.60	W126:00.00	3.06	5.66
T1141.0	N53:33.86	W126:05.12	N53:33.73	W126:00.00	3.06	5.66
T1142.0	N53:33.99	W126:05.12	N53:33.87	W126:00.00	3.06	5.66
T1143.0	N53:34.13	W126:05.12	N53:34.00	W126:00.00	3.06	5.67
T1144.0	N53:34.26	W126:05.13	N53:34.14	W126:00.00	3.06	5.67
T1145.0	N53:34.40	W126:05.13	N53:34.27	W126:00.00	3.06	5.67
T1146.0	N53:34.53	W126:05.13	N53:34.41	W126:00.00	3.06	5.67
T1147.0	N53:34.67	W126:05.13	N53:34.54	W126:00.00	3.06	5.67
T1148.0	N53:34.80	W126:05.13	N53:34.68	W126:00.00	3.06	5.67
T1149.0	N53:34.94	W126:05.13	N53:34.81	W126:00.00	3.06	5.67
T1150.0	N53:35.07	W126:05.13	N53:34.95	W126:00.00	3.06	5.67
T1151.0	N53:35.21	W126:05.13	N53:35.08	W126:00.00	3.06	5.67
T1152.0	N53:35.34	W126:05.13	N53:35.22	W126:00.00	3.06	5.67
T1153.0	N53:35.48	W126:05.13	N53:35.35	W126:00.00	3.06	5.67
T1154.0	N53:35.61	W126:05.13	N53:35.49	W126:00.00	3.06	5.67
T1155.0	N53:35.75	W126:05.13	N53:35.62	W126:00.00	3.06	5.67
T1156.0	N53:35.88	W126:05.13	N53:35.76	W126:00.00	3.06	5.67
T1157.0	N53:36.02	W126:05.13	N53:35.89	W126:00.00	3.06	5.67
T1158.0	N53:36.15	W126:05.13	N53:36.03	W126:00.00	3.06	5.67
T1159.0	N53:36.29	W126:05.13	N53:36.16	W126:00.00	3.06	5.67
T1160.0	N53:36.42	W126:05.13	N53:36.29	W126:00.00	3.06	5.67
T1161.0	N53:36.56	W126:05.13	N53:36.43	W126:00.00	3.06	5.67
T1162.0	N53:36.69	W126:05.13	N53:36.56	W126:00.00	3.06	5.67
T1163.0	N53:36.83	W126:05.13	N53:36.70	W126:00.00	3.06	5.67
T1164.0	N53:36.96	W126:05.13	N53:36.83	W126:00.00	3.06	5.67
T1165.0	N53:37.10	W126:05.13	N53:36.97	W126:00.00	3.06	5.67
T1166.0	N53:37.23	W126:05.13	N53:37.10	W126:00.00	3.06	5.67
T1167.0	N53:37.37	W126:05.13	N53:37.24	W126:00.00	3.06	5.67
T1168.0	N53:37.50	W126:05.13	N53:37.37	W126:00.00	3.06	5.67
T1169.0	N53:37.64	W126:05.14	N53:37.51	W126:00.00	3.06	5.67
T1170.0	N53:37.77	W126:05.14	N53:37.64	W126:00.00	3.06	5.67
T1171.0	N53:37.91	W126:05.14	N53:37.78	W126:00.00	3.06	5.67
T1172.0	N53:38.04	W126:05.14	N53:37.91	W126:00.00	3.06	5.67
T1173.0	N53:38.18	W126:05.14	N53:38.05	W126:00.00	3.06	5.67
T1174.0	N53:38.31	W126:05.14	N53:38.18	W126:00.00	3.06	5.67
T1175.0	N53:38.45	W126:05.14	N53:38.32	W126:00.00	3.06	5.67

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1176.0	N53:38.58	W126:05.14	N53:38.45	W126:00.00	3.06	5.67
T1177.0	N53:38.71	W126:05.14	N53:38.59	W126:00.00	3.06	5.67
T1178.0	N53:38.85	W126:05.14	N53:38.72	W126:00.00	3.06	5.67
T1179.0	N53:38.98	W126:05.14	N53:38.86	W126:00.00	3.06	5.67
T1180.0	N53:39.12	W126:05.14	N53:38.99	W126:00.00	3.06	5.67
T1181.0	N53:39.25	W126:05.14	N53:39.13	W126:00.00	3.06	5.67
T1182.0	N53:39.39	W126:05.14	N53:39.26	W126:00.00	3.06	5.67
T1183.0	N53:39.52	W126:05.14	N53:39.40	W126:00.00	3.06	5.67
T1184.0	N53:39.66	W126:05.14	N53:39.53	W126:00.00	3.06	5.67
T1185.0	N53:39.79	W126:05.14	N53:39.67	W126:00.00	3.06	5.67
T1186.0	N53:39.93	W126:05.14	N53:39.80	W126:00.00	3.06	5.67
T1187.0	N53:40.06	W126:05.14	N53:39.94	W126:00.00	3.06	5.67
T1188.0	N53:40.20	W126:05.14	N53:40.07	W126:00.00	3.06	5.67
T1189.0	N53:40.33	W126:05.14	N53:40.21	W126:00.00	3.06	5.67
T1190.0	N53:40.47	W126:05.14	N53:40.34	W126:00.00	3.06	5.67
T1191.0	N53:40.60	W126:05.14	N53:40.48	W126:00.00	3.06	5.67
T1192.0	N53:40.74	W126:05.14	N53:40.61	W126:00.00	3.06	5.67
T1193.0	N53:40.87	W126:05.14	N53:40.75	W126:00.00	3.06	5.67
T1194.0	N53:41.01	W126:05.14	N53:40.88	W126:00.00	3.06	5.67
T1195.0	N53:41.14	W126:05.15	N53:41.02	W126:00.00	3.06	5.67
T1196.0	N53:41.28	W126:05.15	N53:41.15	W126:00.00	3.06	5.67
T1197.0	N53:41.41	W126:05.15	N53:41.29	W126:00.00	3.06	5.67
T1198.0	N53:41.55	W126:05.15	N53:41.42	W126:00.00	3.06	5.67
T1199.0	N53:41.68	W126:05.15	N53:41.56	W126:00.00	3.06	5.67
T1200.0	N53:41.82	W126:05.15	N53:41.69	W126:00.00	3.06	5.67
T1201.0	N53:41.95	W126:05.15	N53:41.83	W126:00.00	3.06	5.67
T1202.0	N53:42.09	W126:05.15	N53:41.96	W126:00.00	3.06	5.67
T1203.0	N53:42.22	W126:05.15	N53:42.09	W126:00.00	3.06	5.67
T1204.0	N53:42.36	W126:05.15	N53:42.23	W126:00.00	3.06	5.67
T1205.0	N53:42.49	W126:05.15	N53:42.36	W126:00.00	3.06	5.67
T1206.0	N53:42.63	W126:05.15	N53:42.50	W126:00.00	3.06	5.67
T1207.0	N53:42.76	W126:05.15	N53:42.63	W126:00.00	3.06	5.67
T1208.0	N53:42.90	W126:05.15	N53:42.77	W126:00.00	3.06	5.67
T1209.0	N53:43.03	W126:05.15	N53:42.90	W126:00.00	3.06	5.67
T1210.0	N53:43.17	W126:05.15	N53:43.04	W126:00.00	3.06	5.67
T1211.0	N53:43.30	W126:05.15	N53:43.17	W126:00.00	3.06	5.67
T1212.0	N53:43.44	W126:05.15	N53:43.31	W126:00.00	3.06	5.67

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1213.0	N53:43.57	W126:05.15	N53:43.44	W126:00.00	3.06	5.67
T1214.0	N53:43.71	W126:05.15	N53:43.58	W126:00.00	3.06	5.67
T1215.0	N53:43.84	W126:05.15	N53:43.71	W126:00.00	3.06	5.67
T1216.0	N53:43.98	W126:05.15	N53:43.85	W126:00.00	3.06	5.67
T1217.0	N53:44.11	W126:05.15	N53:43.98	W126:00.00	3.06	5.67
T1218.0	N53:44.25	W126:05.15	N53:44.12	W126:00.00	3.06	5.67
T1219.0	N53:44.38	W126:05.15	N53:44.25	W126:00.00	3.06	5.67
T1220.0	N53:44.52	W126:05.15	N53:44.39	W126:00.00	3.06	5.67
T1221.0	N53:44.65	W126:05.16	N53:44.52	W126:00.00	3.06	5.67
T1222.0	N53:44.78	W126:05.16	N53:44.66	W126:00.00	3.06	5.67
T1223.0	N53:44.92	W126:05.16	N53:44.79	W126:00.00	3.06	5.67
T1224.0	N53:45.05	W126:05.16	N53:44.93	W126:00.00	3.06	5.67
T1225.0	N53:45.19	W126:05.16	N53:45.06	W126:00.00	3.06	5.67
T1226.0	N53:45.32	W126:05.16	N53:45.20	W126:00.00	3.06	5.68
T1227.0	N53:45.46	W126:05.16	N53:45.33	W126:00.00	3.06	5.68
T1228.0	N53:45.59	W126:05.16	N53:45.47	W126:00.00	3.06	5.68
T1229.0	N53:45.73	W126:05.16	N53:45.60	W126:00.00	3.06	5.68
T1230.0	N53:45.86	W126:05.16	N53:45.74	W126:00.00	3.06	5.68
T1231.0	N53:46.00	W126:05.16	N53:45.87	W126:00.00	3.06	5.68
T1232.0	N53:46.13	W126:05.16	N53:46.01	W126:00.00	3.06	5.68
T1233.0	N53:46.27	W126:05.16	N53:46.14	W126:00.00	3.06	5.68
T1234.0	N53:46.40	W126:05.16	N53:46.28	W126:00.00	3.06	5.68
T1235.0	N53:46.54	W126:05.16	N53:46.41	W126:00.00	3.06	5.68
T1236.0	N53:46.67	W126:05.16	N53:46.55	W126:00.00	3.06	5.68
T1237.0	N53:46.81	W126:05.16	N53:46.68	W126:00.00	3.06	5.68
T1238.0	N53:46.94	W126:05.16	N53:46.82	W126:00.00	3.06	5.68
T1239.0	N53:47.08	W126:05.16	N53:46.95	W126:00.00	3.06	5.68
T1240.0	N53:47.21	W126:05.16	N53:47.09	W126:00.00	3.06	5.68
T1241.0	N53:47.35	W126:05.16	N53:47.22	W126:00.00	3.07	5.68
T1242.0	N53:48.28	W126:41.92	N53:48.20	W126:37.75	2.47	4.58
T1242.1	N53:47.48	W126:05.16	N53:47.36	W126:00.00	3.07	5.68
T1243.0	N53:48.42	W126:42.01	N53:48.20	W126:30.85	6.62	12.26
T1243.1	N53:47.62	W126:05.16	N53:47.49	W126:00.00	3.07	5.68
T1244.0	N53:48.56	W126:42.10	N53:48.16	W126:22.74	11.48	21.26
T1244.1	N53:47.75	W126:05.16	N53:47.62	W126:00.00	3.07	5.68
T1245.0	N53:48.69	W126:42.19	N53:48.14	W126:15.82	15.64	28.97
T1245.1	N53:47.89	W126:05.16	N53:47.76	W126:00.00	3.07	5.68

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1246.0	N53:48.83	W126:42.28	N53:47.89	W126:00.00	25.08	46.46
T1247.0	N53:48.97	W126:42.37	N53:48.03	W126:00.00	25.14	46.55
T1248.0	N53:49.10	W126:42.46	N53:48.16	W126:00.00	25.19	46.65
T1249.0	N53:49.24	W126:42.55	N53:48.30	W126:00.00	25.24	46.75
T1250.0	N53:49.37	W126:42.65	N53:48.43	W126:00.00	25.29	46.85
T1251.0	N53:49.51	W126:42.74	N53:48.57	W126:00.00	25.35	46.94
T1252.0	N53:49.65	W126:42.83	N53:48.70	W126:00.00	25.40	47.04
T1253.0	N53:49.78	W126:42.92	N53:48.84	W126:00.00	25.45	47.14
T1254.0	N53:49.92	W126:43.01	N53:48.97	W126:00.00	25.51	47.24
T1255.0	N53:50.06	W126:43.10	N53:49.11	W126:00.00	25.56	47.33
T1256.0	N53:50.19	W126:43.19	N53:49.24	W126:00.00	25.61	47.43
T1257.0	N53:50.33	W126:43.28	N53:49.38	W126:00.00	25.66	47.53
T1258.0	N53:50.47	W126:43.46	N53:49.51	W126:00.00	25.77	47.72
T1259.0	N53:50.60	W126:43.46	N53:49.65	W126:00.00	25.77	47.72
T1260.0	N53:50.74	W126:43.56	N53:49.78	W126:00.00	25.82	47.82
T1261.0	N53:50.88	W126:43.65	N53:49.92	W126:00.00	25.87	47.92
T1262.0	N53:51.01	W126:43.74	N53:50.05	W126:00.00	25.93	48.01
T1263.0	N53:51.15	W126:43.83	N53:50.19	W126:00.00	25.98	48.11
T1264.0	N53:51.29	W126:43.92	N53:50.32	W126:00.00	26.03	48.21
T1265.0	N53:51.42	W126:44.01	N53:50.46	W126:00.00	26.08	48.31
T1266.0	N53:51.56	W126:44.10	N53:50.59	W126:00.00	26.14	48.40
T1267.0	N53:51.70	W126:44.19	N53:50.73	W126:00.00	26.19	48.50
T1268.0	N53:51.83	W126:44.28	N53:50.86	W126:00.00	26.24	48.60
T1269.0	N53:51.97	W126:44.38	N53:51.00	W126:00.00	26.29	48.70
T1270.0	N53:52.11	W126:44.47	N53:51.13	W126:00.00	26.35	48.79
T1271.0	N53:52.24	W126:44.56	N53:51.27	W126:00.00	26.40	48.89
T1272.0	N53:52.38	W126:44.65	N53:51.40	W126:00.00	26.45	48.99
T1273.0	N53:52.52	W126:44.74	N53:51.54	W126:00.00	26.50	49.09
T1274.0	N53:52.65	W126:44.83	N53:51.67	W126:00.00	26.56	49.18
T1275.0	N53:52.79	W126:44.92	N53:51.81	W126:00.00	26.61	49.28
T1276.0	N53:52.93	W126:45.01	N53:51.94	W126:00.00	26.66	49.38
T1277.0	N53:53.06	W126:45.11	N53:52.08	W126:00.00	26.71	49.48
T1278.0	N53:53.20	W126:45.20	N53:52.21	W126:00.00	26.77	49.57
T1279.0	N53:53.34	W126:45.29	N53:52.35	W126:00.00	26.82	49.67
T1280.0	N53:53.47	W126:45.38	N53:52.48	W126:00.00	26.87	49.77
T1281.0	N53:53.61	W126:45.47	N53:52.62	W126:00.00	26.92	49.86
T1282.0	N53:53.75	W126:45.56	N53:52.75	W126:00.00	26.98	49.96

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1283.0	N53:53.88	W126:45.65	N53:52.89	W126:00.00	27.03	50.06
T1284.0	N53:54.02	W126:45.80	N53:53.02	W126:00.00	27.12	50.22
T1285.0	N53:54.16	W126:45.84	N53:53.15	W126:00.00	27.14	50.25
T1286.0	N53:54.29	W126:45.93	N53:53.29	W126:00.00	27.19	50.35
T1287.0	N53:54.43	W126:46.02	N53:53.42	W126:00.00	27.24	50.45
T1288.0	N53:54.56	W126:46.11	N53:53.56	W126:00.00	27.29	50.55
T1289.0	N53:54.70	W126:46.20	N53:53.69	W126:00.00	27.35	50.64
T1290.0	N53:54.84	W126:46.29	N53:53.83	W126:00.00	27.40	50.74
T1291.0	N53:54.97	W126:46.38	N53:53.96	W126:00.00	27.45	50.84
T1292.0	N53:55.11	W126:46.47	N53:54.10	W126:00.00	27.50	50.94
T1293.0	N53:55.25	W126:46.57	N53:54.23	W126:00.00	27.56	51.03
T1294.0	N53:55.38	W126:46.66	N53:54.37	W126:00.00	27.61	51.13
T1295.0	N53:55.52	W126:46.75	N53:54.50	W126:00.00	27.66	51.23
T1296.0	N53:55.66	W126:46.84	N53:54.64	W126:00.00	27.71	51.33
T1297.0	N53:55.79	W126:46.93	N53:54.77	W126:00.00	27.77	51.42
T1298.0	N53:55.93	W126:47.02	N53:54.91	W126:00.00	27.82	51.52
T1299.0	N53:56.07	W126:47.11	N53:55.04	W126:00.00	27.87	51.62
T1300.0	N53:56.20	W126:47.21	N53:55.18	W126:00.00	27.92	51.71
T1301.0	N53:56.34	W126:47.30	N53:55.31	W126:00.00	27.98	51.81
T1302.0	N53:56.48	W126:47.39	N53:55.45	W126:00.00	28.03	51.91
T1303.0	N53:56.61	W126:47.48	N53:55.58	W126:00.00	28.08	52.01
T1304.0	N53:56.75	W126:47.57	N53:55.72	W126:00.00	28.13	52.10
T1305.0	N53:56.89	W126:47.66	N53:55.85	W126:00.00	28.19	52.20
T1306.0	N53:57.02	W126:47.76	N53:55.99	W126:00.00	28.24	52.30
T1307.0	N53:57.16	W126:47.85	N53:56.12	W126:00.00	28.29	52.40
T1308.0	N53:57.30	W126:47.94	N53:56.26	W126:00.00	28.34	52.49
T1309.0	N53:57.43	W126:48.15	N53:56.39	W126:00.00	28.47	52.73
T1310.0	N53:57.57	W126:48.16	N53:56.53	W126:00.00	28.47	52.73
T1311.0	N53:57.71	W126:48.21	N53:56.66	W126:00.00	28.50	52.79
T1312.0	N53:57.84	W126:48.30	N53:56.80	W126:00.00	28.55	52.88
T1313.0	N53:57.98	W126:48.40	N53:56.93	W126:00.00	28.61	52.98
T1314.0	N53:58.11	W126:48.49	N53:57.07	W126:00.00	28.66	53.08
T1315.0	N53:58.25	W126:48.58	N53:57.20	W126:00.00	28.71	53.18
T1316.0	N53:58.39	W126:48.67	N53:57.34	W126:00.00	28.76	53.27
T1317.0	N53:58.52	W126:48.76	N53:57.47	W126:00.00	28.82	53.37
T1318.0	N53:58.66	W126:48.85	N53:57.61	W126:00.00	28.87	53.47
T1319.0	N53:58.80	W126:48.95	N53:57.74	W126:00.00	28.92	53.56

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1320.0	N53:58.93	W126:49.04	N53:57.88	W126:00.00	28.98	53.66
T1321.0	N53:59.07	W126:49.13	N53:58.01	W126:00.00	29.03	53.76
T1322.0	N53:59.21	W126:49.22	N53:58.15	W126:00.00	29.08	53.86
T1323.0	N53:59.34	W126:49.31	N53:58.28	W126:00.00	29.13	53.95
T1324.0	N53:59.48	W126:49.40	N53:58.42	W126:00.00	29.19	54.05
T1325.0	N53:59.62	W126:49.50	N53:58.55	W126:00.00	29.24	54.15
T1326.0	N53:59.75	W126:49.59	N53:58.68	W126:00.00	29.29	54.25
T1327.0	N53:59.89	W126:49.68	N53:58.82	W126:00.00	29.34	54.34
T1328.0	N54:00.03	W126:49.77	N53:58.95	W126:00.00	29.40	54.44
T1329.0	N54:00.16	W126:49.86	N53:59.09	W126:00.00	29.45	54.54
T1330.0	N54:00.30	W126:49.95	N53:59.22	W126:00.00	29.50	54.64
T1331.0	N54:00.44	W126:50.05	N53:59.36	W126:00.00	29.55	54.73
T1332.0	N54:00.57	W126:50.14	N53:59.49	W126:00.00	29.61	54.83
T1333.0	N54:00.71	W126:50.23	N53:59.63	W126:00.00	29.66	54.93
T1334.0	N54:00.84	W126:50.32	N53:59.76	W126:00.00	29.71	55.02
T1335.0	N54:00.98	W126:50.51	N53:59.90	W126:00.00	29.82	55.23
T1336.0	N54:01.12	W126:50.52	N54:00.03	W126:00.00	29.82	55.23
T1337.0	N54:01.25	W126:50.60	N54:00.17	W126:00.00	29.87	55.32
T1338.0	N54:01.39	W126:50.69	N54:00.30	W126:00.00	29.92	55.41
T1339.0	N54:01.53	W126:50.78	N54:00.44	W126:00.00	29.97	55.51
T1340.0	N54:01.66	W126:50.87	N54:00.57	W126:00.00	30.03	55.61
T1341.0	N54:01.80	W126:50.96	N54:00.71	W126:00.00	30.08	55.71
T1342.0	N54:01.94	W126:51.06	N54:00.84	W126:00.00	30.13	55.80
T1343.0	N54:02.07	W126:51.15	N54:00.98	W126:00.00	30.18	55.90
T1344.0	N54:02.21	W126:51.24	N54:01.11	W126:00.00	30.24	56.00
T1345.0	N54:02.35	W126:51.33	N54:01.25	W126:00.00	30.29	56.10
T1346.0	N54:02.48	W126:51.42	N54:01.38	W126:00.00	30.34	56.19
T1347.0	N54:02.62	W126:51.52	N54:01.52	W126:00.00	30.39	56.29
T1348.0	N54:02.76	W126:51.61	N54:01.65	W126:00.00	30.45	56.39
T1349.0	N54:02.89	W126:51.70	N54:01.79	W126:00.00	30.50	56.49
T1350.0	N54:03.03	W126:51.79	N54:01.92	W126:00.00	30.55	56.58
T1351.0	N54:03.17	W126:51.88	N54:02.06	W126:00.00	30.60	56.68
T1352.0	N54:03.30	W126:51.98	N54:02.19	W126:00.00	30.66	56.78
T1353.0	N54:03.44	W126:52.07	N54:02.33	W126:00.00	30.71	56.87
T1354.0	N54:03.57	W126:52.16	N54:02.46	W126:00.00	30.76	56.97
T1355.0	N54:03.71	W126:52.25	N54:02.60	W126:00.00	30.81	57.07
T1356.0	N54:03.85	W126:52.34	N54:02.73	W126:00.00	30.87	57.17

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1357.0	N54:03.98	W126:52.44	N54:02.87	W126:00.00	30.92	57.26
T1358.0	N54:04.12	W126:52.53	N54:03.00	W126:00.00	30.97	57.36
T1359.0	N54:04.26	W126:52.62	N54:03.14	W126:00.00	31.03	57.46
T1360.0	N54:04.39	W126:52.71	N54:03.27	W126:00.00	31.08	57.56
T1361.0	N54:04.53	W126:52.88	N54:03.41	W126:00.00	31.17	57.73
T1362.0	N54:04.67	W126:52.90	N54:03.54	W126:00.00	31.18	57.75
T1363.0	N54:04.80	W126:52.99	N54:03.68	W126:00.00	31.24	57.85
T1364.0	N54:04.94	W126:53.08	N54:03.81	W126:00.00	31.29	57.95
T1365.0	N54:05.08	W126:53.17	N54:03.94	W126:00.00	31.34	58.04
T1366.0	N54:05.21	W126:53.26	N54:04.08	W126:00.00	31.39	58.14
T1367.0	N54:05.35	W126:53.36	N54:04.21	W126:00.00	31.45	58.24
T1368.0	N54:05.49	W126:53.45	N54:04.35	W126:00.00	31.50	58.33
T1369.0	N54:05.62	W126:53.54	N54:04.48	W126:00.00	31.55	58.43
T1370.0	N54:05.76	W126:53.63	N54:04.62	W126:00.00	31.60	58.53
T1371.0	N54:05.89	W126:53.72	N54:04.75	W126:00.00	31.66	58.63
T1372.0	N54:06.03	W126:53.82	N54:04.89	W126:00.00	31.71	58.72
T1373.0	N54:06.17	W126:53.91	N54:05.02	W126:00.00	31.76	58.82
T1374.0	N54:06.30	W126:54.00	N54:05.16	W126:00.00	31.81	58.92
T1375.0	N54:06.44	W126:54.09	N54:05.29	W126:00.00	31.87	59.02
T1376.0	N54:06.58	W126:54.19	N54:05.43	W126:00.00	31.92	59.11
T1377.0	N54:06.71	W126:54.28	N54:05.56	W126:00.00	31.97	59.21
T1378.0	N54:06.85	W126:54.37	N54:05.70	W126:00.00	32.02	59.31
T1379.0	N54:06.99	W126:54.46	N54:05.83	W126:00.00	32.08	59.41
T1380.0	N54:07.12	W126:54.55	N54:05.97	W126:00.00	32.13	59.50
T1381.0	N54:07.26	W126:54.65	N54:06.10	W126:00.00	32.18	59.60
T1382.0	N54:07.40	W126:54.74	N54:06.24	W126:00.00	32.23	59.70
T1383.0	N54:07.53	W126:54.83	N54:06.37	W126:00.00	32.29	59.80
T1384.0	N54:07.67	W126:54.92	N54:06.51	W126:00.00	32.34	59.89
T1385.0	N54:07.80	W126:55.02	N54:06.64	W126:00.00	32.39	59.99
T1386.0	N54:07.94	W126:55.25	N54:06.78	W126:00.00	32.53	60.24
T1387.0	N54:08.08	W126:55.25	N54:06.91	W126:00.00	32.53	60.24
T1388.0	N54:08.21	W126:55.29	N54:07.05	W126:00.00	32.55	60.28
T1389.0	N54:08.35	W126:55.39	N54:07.18	W126:00.00	32.60	60.38
T1390.0	N54:08.49	W126:55.48	N54:07.32	W126:00.00	32.65	60.48
T1391.0	N54:08.62	W126:55.57	N54:07.45	W126:00.00	32.71	60.57
T1392.0	N54:08.76	W126:55.66	N54:07.59	W126:00.00	32.76	60.67
T1393.0	N54:08.90	W126:55.75	N54:07.72	W126:00.00	32.81	60.77

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1394.0	N54:09.03	W126:55.85	N54:07.86	W126:00.00	32.87	60.87
T1395.0	N54:09.17	W126:55.94	N54:07.99	W126:00.00	32.92	60.96
T1396.0	N54:09.31	W126:56.03	N54:08.13	W126:00.00	32.97	61.06
T1397.0	N54:09.44	W126:56.12	N54:08.26	W126:00.00	33.02	61.16
T1398.0	N54:09.58	W126:56.22	N54:08.40	W126:00.00	33.08	61.26
T1399.0	N54:09.71	W126:56.31	N54:08.53	W126:00.00	33.13	61.35
T1400.0	N54:09.85	W126:56.40	N54:08.67	W126:00.00	33.18	61.45
T1401.0	N54:09.99	W126:56.49	N54:08.80	W126:00.00	33.23	61.55
T1402.0	N54:10.12	W126:56.59	N54:08.94	W126:00.00	33.29	61.64
T1403.0	N54:10.26	W126:56.68	N54:09.07	W126:00.00	33.34	61.74
T1404.0	N54:10.40	W126:56.77	N54:09.21	W126:00.00	33.39	61.84
T1405.0	N54:10.53	W126:56.86	N54:09.34	W126:00.00	33.44	61.94
T1406.0	N54:10.67	W126:56.96	N54:09.47	W126:00.00	33.50	62.03
T1407.0	N54:10.81	W126:57.05	N54:09.61	W126:00.00	33.55	62.13
T1408.0	N54:10.94	W126:57.14	N54:09.74	W126:00.00	33.60	62.23
T1409.0	N54:11.08	W126:57.23	N54:09.88	W126:00.00	33.65	62.33
T1410.0	N54:11.22	W126:57.33	N54:10.01	W126:00.00	33.71	62.42
T1411.0	N54:11.35	W126:57.42	N54:10.15	W126:00.00	33.76	62.52
T1412.0	N54:11.49	W126:57.62	N54:10.28	W126:00.00	33.88	62.74
T1413.0	N54:11.63	W126:57.63	N54:10.42	W126:00.00	33.88	62.74
T1414.0	N54:11.76	W126:57.70	N54:10.55	W126:00.00	33.92	62.81
T1415.0	N54:11.90	W126:57.79	N54:10.69	W126:00.00	33.97	62.91
T1416.0	N54:12.03	W126:57.88	N54:10.82	W126:00.00	34.02	63.01
T1417.0	N54:12.17	W126:57.97	N54:10.96	W126:00.00	34.07	63.10
T1418.0	N54:12.31	W126:58.07	N54:11.09	W126:00.00	34.13	63.20
T1419.0	N54:12.44	W126:58.16	N54:11.23	W126:00.00	34.18	63.30
T1420.0	N54:12.58	W126:58.25	N54:11.36	W126:00.00	34.23	63.40
T1421.0	N54:12.72	W126:58.35	N54:11.50	W126:00.00	34.28	63.49
T1422.0	N54:12.85	W126:58.44	N54:11.63	W126:00.00	34.34	63.59
T1423.0	N54:12.99	W126:58.53	N54:11.77	W126:00.00	34.39	63.69
T1424.0	N54:13.13	W126:58.62	N54:11.90	W126:00.00	34.44	63.79
T1425.0	N54:13.26	W126:58.72	N54:12.04	W126:00.00	34.49	63.88
T1426.0	N54:13.40	W126:58.81	N54:12.17	W126:00.00	34.55	63.98
T1427.0	N54:13.53	W126:58.90	N54:12.31	W126:00.00	34.60	64.08
T1428.0	N54:13.67	W126:58.99	N54:12.44	W126:00.00	34.65	64.17
T1429.0	N54:13.81	W126:59.09	N54:12.58	W126:00.00	34.70	64.27
T1430.0	N54:13.94	W126:59.18	N54:12.71	W126:00.00	34.76	64.37

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1431.0	N54:14.08	W126:59.27	N54:12.85	W126:00.00	34.81	64.47
T1432.0	N54:14.22	W126:59.37	N54:12.98	W126:00.00	34.86	64.56
T1433.0	N54:14.35	W126:59.46	N54:13.12	W126:00.00	34.91	64.66
T1434.0	N54:14.49	W126:59.55	N54:13.25	W126:00.00	34.97	64.76
T1435.0	N54:14.63	W126:59.64	N54:13.39	W126:00.00	35.02	64.86
T1436.0	N54:14.76	W126:59.74	N54:13.52	W126:00.00	35.07	64.95
T1437.0	N54:14.90	W126:59.83	N54:13.66	W126:00.00	35.12	65.05
T1438.0	N54:15.04	W127:00.01	N54:13.79	W126:00.00	35.23	65.24
T1439.0	N54:15.17	W127:00.01	N54:13.93	W126:00.00	35.23	65.25
T1440.0	N54:15.31	W127:00.11	N54:14.06	W126:00.00	35.28	65.34
T1441.0	N54:15.44	W127:00.20	N54:14.20	W126:00.00	35.33	65.44
T1442.0	N54:15.58	W127:00.29	N54:14.33	W126:00.00	35.39	65.54
T1443.0	N54:15.72	W127:00.39	N54:14.47	W126:00.00	35.44	65.63
T1444.0	N54:15.85	W127:00.48	N54:14.60	W126:00.00	35.49	65.73
T1445.0	N54:15.99	W127:00.57	N54:14.73	W126:00.00	35.54	65.83
T1446.0	N54:16.13	W127:00.67	N54:14.87	W126:00.00	35.60	65.93
T1447.0	N54:16.26	W127:00.76	N54:15.00	W126:00.00	35.65	66.02
T1448.0	N54:16.40	W127:00.85	N54:15.14	W126:00.00	35.70	66.12
T1449.0	N54:16.53	W127:00.94	N54:15.27	W126:00.00	35.76	66.22
T1450.0	N54:16.67	W127:01.04	N54:15.41	W126:00.00	35.81	66.32
T1451.0	N54:16.81	W127:01.13	N54:15.54	W126:00.00	35.86	66.41
T1452.0	N54:16.94	W127:01.22	N54:15.68	W126:00.00	35.91	66.51
T1453.0	N54:17.08	W127:01.32	N54:15.81	W126:00.00	35.97	66.61
T1454.0	N54:17.22	W127:01.41	N54:15.95	W126:00.00	36.02	66.71
T1455.0	N54:17.35	W127:01.50	N54:16.08	W126:00.00	36.07	66.80
T1456.0	N54:17.49	W127:01.59	N54:16.22	W126:00.00	36.12	66.90
T1457.0	N54:17.63	W127:01.69	N54:16.35	W126:00.00	36.18	67.00
T1458.0	N54:17.76	W127:01.78	N54:16.49	W126:00.00	36.23	67.09
T1459.0	N54:17.90	W127:01.87	N54:16.62	W126:00.00	36.28	67.19
T1460.0	N54:18.03	W127:01.97	N54:16.76	W126:00.00	36.33	67.29
T1461.0	N54:18.17	W127:02.06	N54:16.89	W126:00.00	36.39	67.39
T1462.0	N54:18.31	W127:02.15	N54:17.03	W126:00.00	36.44	67.48
T1463.0	N54:18.44	W127:02.25	N54:17.16	W126:00.00	36.49	67.58
T1464.0	N54:18.58	W127:02.40	N54:17.30	W126:00.00	36.58	67.74
T1465.0	N54:18.72	W127:02.43	N54:17.43	W126:00.00	36.60	67.78
T1466.0	N54:18.85	W127:02.53	N54:17.57	W126:00.00	36.65	67.87
T1467.0	N54:18.99	W127:02.62	N54:17.70	W126:00.00	36.70	67.97

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1468.0	N54:19.13	W127:02.71	N54:17.84	W126:00.00	36.75	68.07
T1469.0	N54:19.26	W127:02.80	N54:17.97	W126:00.00	36.81	68.16
T1470.0	N54:19.40	W127:02.90	N54:18.11	W126:00.00	36.86	68.26
T1471.0	N54:19.53	W127:02.99	N54:18.24	W126:00.00	36.91	68.36
T1472.0	N54:19.67	W127:03.08	N54:18.38	W126:00.00	36.96	68.46
T1473.0	N54:19.81	W127:03.18	N54:18.51	W126:00.00	37.02	68.55
T1474.0	N54:19.94	W127:03.27	N54:18.65	W126:00.00	37.07	68.65
T1475.0	N54:20.08	W127:03.36	N54:18.78	W126:00.00	37.12	68.75
T1476.0	N54:20.22	W127:03.46	N54:18.92	W126:00.00	37.17	68.85
T1477.0	N54:20.35	W127:03.55	N54:19.05	W126:00.00	37.23	68.94
T1478.0	N54:20.49	W127:03.64	N54:19.19	W126:00.00	37.28	69.04
T1479.0	N54:20.63	W127:03.74	N54:19.32	W126:00.00	37.33	69.14
T1480.0	N54:20.76	W127:03.83	N54:19.46	W126:00.00	37.38	69.24
T1481.0	N54:20.90	W127:03.92	N54:19.59	W126:00.00	37.44	69.33
T1482.0	N54:21.03	W127:04.02	N54:19.73	W126:00.00	37.49	69.43
T1483.0	N54:21.17	W127:04.11	N54:19.86	W126:00.00	37.54	69.53
T1484.0	N54:21.31	W127:04.20	N54:19.99	W126:00.00	37.59	69.62
T1485.0	N54:21.44	W127:04.30	N54:20.13	W126:00.00	37.65	69.72
T1486.0	N54:21.58	W127:04.39	N54:20.26	W126:00.00	37.70	69.82
T1487.0	N54:21.72	W127:04.48	N54:20.40	W126:00.00	37.75	69.92
T1488.0	N54:21.85	W127:04.58	N54:20.53	W126:00.00	37.80	70.01
T1489.0	N54:21.99	W127:04.79	N54:21.62	W126:43.74	12.32	22.82
T1489.1	N54:21.54	W126:39.24	N54:20.67	W126:00.00	22.98	42.56
T1490.0	N54:22.13	W127:04.80	N54:21.77	W126:44.18	12.07	22.34
T1490.1	N54:21.64	W126:37.62	N54:20.80	W126:00.00	22.03	40.79
T1491.0	N54:22.26	W127:04.86	N54:21.91	W126:44.56	11.88	22.00
T1491.1	N54:21.77	W126:37.52	N54:20.94	W126:00.00	21.97	40.68
T1492.0	N54:22.40	W127:04.95	N54:22.05	W126:44.94	11.71	21.68
T1492.1	N54:21.91	W126:37.42	N54:21.07	W126:00.00	21.91	40.57
T1493.0	N54:22.53	W127:05.04	N54:22.19	W126:45.32	11.54	21.37
T1493.1	N54:22.04	W126:37.32	N54:21.21	W126:00.00	21.85	40.46
T1494.0	N54:22.67	W127:05.14	N54:22.34	W126:45.69	11.37	21.06
T1494.1	N54:22.17	W126:37.22	N54:21.34	W126:00.00	21.79	40.35
T1495.0	N54:22.81	W127:05.23	N54:22.48	W126:46.06	11.21	20.77
T1495.1	N54:22.31	W126:37.12	N54:21.48	W126:00.00	21.73	40.24
T1496.0	N54:22.94	W127:05.32	N54:22.62	W126:46.45	11.04	20.44
T1496.1	N54:22.44	W126:37.10	N54:21.61	W126:00.00	21.72	40.22

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1497.0	N54:23.08	W127:05.42	N54:22.76	W126:46.83	10.87	20.13
T1497.1	N54:22.57	W126:36.92	N54:21.75	W126:00.00	21.61	40.02
T1498.0	N54:23.22	W127:05.51	N54:22.90	W126:47.21	10.70	19.82
T1498.1	N54:22.71	W126:36.82	N54:21.88	W126:00.00	21.55	39.91
T1499.0	N54:23.35	W127:05.60	N54:23.04	W126:47.46	10.61	19.65
T1499.1	N54:22.84	W126:36.73	N54:22.02	W126:00.00	21.50	39.81
T1500.0	N54:23.49	W127:05.70	N54:23.18	W126:47.67	10.54	19.52
T1500.1	N54:22.97	W126:36.65	N54:22.15	W126:00.00	21.45	39.73
T1501.0	N54:23.62	W127:05.79	N54:23.32	W126:47.89	10.47	19.39
T1501.1	N54:23.10	W126:36.57	N54:22.29	W126:00.00	21.40	39.64
T1502.0	N54:23.76	W127:05.88	N54:23.46	W126:48.05	10.43	19.31
T1502.1	N54:23.24	W126:36.50	N54:22.42	W126:00.00	21.35	39.55
T1503.0	N54:23.90	W127:05.98	N54:23.59	W126:48.07	10.47	19.39
T1503.1	N54:23.37	W126:36.43	N54:22.56	W126:00.00	21.31	39.47
T1504.0	N54:24.03	W127:06.07	N54:23.73	W126:48.10	10.51	19.46
T1504.1	N54:23.51	W126:36.48	N54:22.69	W126:00.00	21.35	39.53
T1505.0	N54:24.17	W127:06.16	N54:23.86	W126:48.12	10.55	19.54
T1505.1	N54:23.64	W126:36.54	N54:22.83	W126:00.00	21.38	39.59
T1506.0	N54:24.31	W127:06.26	N54:24.00	W126:48.14	10.59	19.61
T1506.1	N54:23.78	W126:36.60	N54:22.96	W126:00.00	21.41	39.65
T1507.0	N54:24.44	W127:06.35	N54:24.13	W126:48.17	10.63	19.69
T1507.1	N54:23.92	W126:36.65	N54:23.10	W126:00.00	21.44	39.71
T1508.0	N54:24.58	W127:06.45	N54:24.27	W126:48.19	10.67	19.76
T1508.1	N54:24.05	W126:36.71	N54:23.23	W126:00.00	21.47	39.77
T1509.0	N54:24.71	W127:06.54	N54:24.40	W126:48.21	10.71	19.84
T1509.1	N54:24.19	W126:36.79	N54:23.37	W126:00.00	21.52	39.85
T1510.0	N54:24.78	W127:02.46	N54:24.54	W126:48.23	8.32	15.40
T1510.1	N54:24.33	W126:37.13	N54:23.50	W126:00.00	21.72	40.22
T1511.0	N54:24.92	W127:02.47	N54:24.68	W126:48.26	8.31	15.38
T1511.1	N54:24.47	W126:37.22	N54:23.64	W126:00.00	21.77	40.32
T1512.0	N54:25.05	W127:02.47	N54:24.81	W126:48.28	8.29	15.36
T1512.1	N54:24.61	W126:37.44	N54:23.77	W126:00.00	21.90	40.55
T1513.0	N54:25.19	W127:02.47	N54:24.95	W126:48.30	8.28	15.34
T1513.1	N54:24.74	W126:37.52	N54:23.91	W126:00.00	21.94	40.63
T1514.0	N54:25.32	W127:02.48	N54:25.08	W126:48.32	8.27	15.32
T1514.1	N54:24.87	W126:37.31	N54:24.04	W126:00.00	21.82	40.41
T1515.0	N54:25.46	W127:02.48	N54:25.22	W126:48.35	8.26	15.29

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1515.1	N54:25.00	W126:37.14	N54:24.18	W126:00.00	21.72	40.22
T1516.0	N54:25.59	W127:02.48	N54:25.35	W126:48.37	8.25	15.27
T1516.1	N54:25.13	W126:36.91	N54:24.31	W126:00.00	21.58	39.97
T1517.0	N54:25.73	W127:02.49	N54:25.49	W126:48.39	8.23	15.25
T1517.1	N54:25.26	W126:36.70	N54:24.45	W126:00.00	21.46	39.74
T1518.0	N54:25.86	W127:02.49	N54:25.62	W126:48.42	8.22	15.23
T1518.1	N54:25.40	W126:36.50	N54:24.58	W126:00.00	21.34	39.52
T1519.0	N54:26.00	W127:02.49	N54:25.76	W126:48.43	8.21	15.21
T1519.1	N54:25.53	W126:36.30	N54:24.72	W126:00.00	21.22	39.30
T1520.0	N54:26.13	W127:02.50	N54:25.89	W126:48.44	8.21	15.21
T1520.1	N54:25.66	W126:36.10	N54:24.85	W126:00.00	21.10	39.08
T1521.0	N54:26.27	W127:02.50	N54:26.03	W126:48.44	8.21	15.21
T1521.1	N54:25.79	W126:35.89	N54:24.99	W126:00.00	20.98	38.86
T1522.0	N54:26.40	W127:02.51	N54:26.17	W126:48.69	8.07	14.95
T1522.1	N54:25.92	W126:35.69	N54:25.12	W126:00.00	20.86	38.64
T1523.0	N54:26.54	W127:02.51	N54:26.30	W126:48.84	7.98	14.78
T1523.1	N54:26.05	W126:35.49	N54:25.25	W126:00.00	20.74	38.41
T1524.0	N54:26.67	W127:02.51	N54:26.44	W126:49.00	7.89	14.61
T1524.1	N54:26.18	W126:35.29	N54:25.39	W126:00.00	20.62	38.19
T1525.0	N54:26.81	W127:02.52	N54:26.58	W126:49.16	7.80	14.44
T1525.1	N54:26.31	W126:35.08	N54:25.52	W126:00.00	20.50	37.97
T1526.0	N54:26.94	W127:02.52	N54:26.72	W126:49.32	7.71	14.28
T1526.1	N54:26.44	W126:34.95	N54:25.66	W126:00.00	20.42	37.82
T1527.0	N54:27.08	W127:02.52	N54:26.85	W126:49.45	7.63	14.14
T1527.1	N54:26.59	W126:35.31	N54:25.79	W126:00.00	20.63	38.21
T1528.0	N54:27.21	W127:02.53	N54:26.99	W126:49.56	7.57	14.02
T1528.1	N54:26.73	W126:35.67	N54:25.93	W126:00.00	20.84	38.60
T1529.0	N54:27.35	W127:02.53	N54:27.13	W126:49.67	7.51	13.91
T1529.1	N54:27.04	W126:44.69	N54:26.06	W126:00.00	26.11	48.35
T1530.0	N54:27.48	W127:02.53	N54:27.26	W126:49.78	7.45	13.79
T1530.1	N54:27.17	W126:44.70	N54:26.20	W126:00.00	26.11	48.36
T1531.0	N54:27.62	W127:02.54	N54:27.40	W126:49.88	7.39	13.68
T1531.1	N54:27.31	W126:44.71	N54:26.33	W126:00.00	26.12	48.37
T1532.0	N54:27.75	W127:02.54	N54:27.54	W126:49.99	7.33	13.57
T1532.1	N54:27.44	W126:44.72	N54:26.47	W126:00.00	26.12	48.38
T1533.0	N54:27.89	W127:02.54	N54:27.67	W126:49.96	7.34	13.60
T1533.1	N54:27.58	W126:44.73	N54:26.60	W126:00.00	26.13	48.39

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1534.0	N54:28.02	W127:02.55	N54:27.81	W126:49.90	7.38	13.67
T1534.1	N54:27.71	W126:44.74	N54:26.74	W126:00.00	26.13	48.40
T1535.0	N54:28.16	W127:02.55	N54:27.94	W126:49.84	7.42	13.73
T1535.1	N54:27.85	W126:44.75	N54:26.87	W126:00.00	26.14	48.41
T1536.0	N54:28.29	W127:02.55	N54:28.07	W126:49.60	7.56	14.00
T1536.1	N54:27.98	W126:44.76	N54:27.01	W126:00.00	26.14	48.41
T1537.0	N54:28.43	W127:02.56	N54:27.14	W126:00.00	36.52	67.64
T1538.0	N54:28.56	W127:02.56	N54:27.28	W126:00.00	36.52	67.64
T1539.0	N54:28.70	W127:02.56	N54:27.41	W126:00.00	36.52	67.64
T1540.0	N54:28.83	W127:02.57	N54:27.55	W126:00.00	36.52	67.64
T1541.0	N54:28.97	W127:02.57	N54:27.68	W126:00.00	36.52	67.64
T1542.0	N54:29.10	W127:02.57	N54:27.82	W126:00.00	36.52	67.64
T1543.0	N54:29.24	W127:02.58	N54:27.95	W126:00.00	36.52	67.64
T1544.0	N54:29.37	W127:02.58	N54:28.09	W126:00.00	36.52	67.64
T1545.0	N54:29.51	W127:02.58	N54:28.22	W126:00.00	36.52	67.64
T1546.0	N54:29.64	W127:02.59	N54:28.36	W126:00.00	36.52	67.64
T1547.0	N54:29.78	W127:02.59	N54:28.49	W126:00.00	36.52	67.64
T1548.0	N54:29.91	W127:02.59	N54:28.63	W126:00.00	36.52	67.64
T1549.0	N54:30.05	W127:02.60	N54:28.76	W126:00.00	36.52	67.64
T1550.0	N54:30.18	W127:02.60	N54:28.90	W126:00.00	36.52	67.64
T1551.0	N54:30.32	W127:02.60	N54:29.03	W126:00.00	36.52	67.64
T1552.0	N54:30.45	W127:02.61	N54:29.17	W126:00.00	36.52	67.64
T1553.0	N54:30.58	W127:02.61	N54:29.30	W126:00.00	36.52	67.64
T1554.0	N54:30.72	W127:02.61	N54:29.44	W126:00.00	36.52	67.64
T1555.0	N54:30.85	W127:02.62	N54:29.57	W126:00.00	36.52	67.64
T1556.0	N54:30.99	W127:02.62	N54:29.71	W126:00.00	36.52	67.64
T1557.0	N54:31.12	W127:02.62	N54:29.84	W126:00.00	36.52	67.64
T1558.0	N54:31.26	W127:02.63	N54:29.98	W126:00.00	36.52	67.64
T1559.0	N54:31.39	W127:02.63	N54:30.11	W126:00.00	36.52	67.64
T1560.0	N54:31.53	W127:02.64	N54:30.24	W126:00.00	36.52	67.64
T1561.0	N54:31.66	W127:02.64	N54:30.38	W126:00.00	36.52	67.64
T1562.0	N54:31.80	W127:02.64	N54:30.51	W126:00.00	36.52	67.64
T1563.0	N54:31.93	W127:02.65	N54:30.65	W126:00.00	36.52	67.64
T1564.0	N54:32.07	W127:02.65	N54:30.78	W126:00.00	36.52	67.64
T1565.0	N54:32.20	W127:02.65	N54:30.92	W126:00.00	36.52	67.64
T1566.0	N54:32.34	W127:02.66	N54:31.05	W126:00.00	36.52	67.64
T1567.0	N54:32.47	W127:02.66	N54:31.19	W126:00.00	36.52	67.64

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1568.0	N54:32.61	W127:02.66	N54:31.32	W126:00.00	36.52	67.64
T1569.0	N54:32.74	W127:02.67	N54:31.46	W126:00.00	36.52	67.64
T1570.0	N54:32.88	W127:02.67	N54:31.59	W126:00.00	36.52	67.64
T1571.0	N54:33.01	W127:02.67	N54:31.73	W126:00.00	36.52	67.64
T1572.0	N54:33.15	W127:02.68	N54:31.86	W126:00.00	36.52	67.64
T1573.0	N54:33.28	W127:02.68	N54:32.00	W126:00.00	36.52	67.64
T1574.0	N54:33.42	W127:02.68	N54:32.13	W126:00.00	36.52	67.64
T1575.0	N54:33.55	W127:02.69	N54:32.27	W126:00.00	36.52	67.64
T1576.0	N54:33.69	W127:02.69	N54:32.40	W126:00.00	36.52	67.64
T1577.0	N54:33.82	W127:02.69	N54:32.54	W126:00.00	36.52	67.64
T1578.0	N54:33.96	W127:02.70	N54:32.67	W126:00.00	36.52	67.64
T1579.0	N54:34.09	W127:02.70	N54:32.81	W126:00.00	36.52	67.64
T1580.0	N54:34.23	W127:02.70	N54:32.94	W126:00.00	36.52	67.64
T1581.0	N54:34.36	W127:02.71	N54:33.08	W126:00.00	36.52	67.64
T1582.0	N54:34.50	W127:02.71	N54:33.21	W126:00.00	36.52	67.64
T1583.0	N54:34.63	W127:02.71	N54:33.35	W126:00.00	36.52	67.64
T1584.0	N54:34.77	W127:02.72	N54:33.48	W126:00.00	36.52	67.64
T1585.0	N54:34.90	W127:02.72	N54:33.62	W126:00.00	36.52	67.64
T1586.0	N54:35.04	W127:02.72	N54:33.75	W126:00.00	36.52	67.64
T1587.0	N54:35.17	W127:02.73	N54:33.89	W126:00.00	36.52	67.64
T1588.0	N54:35.31	W127:02.73	N54:34.02	W126:00.00	36.52	67.64
T1589.0	N54:35.44	W127:02.73	N54:34.16	W126:00.00	36.52	67.64
T1590.0	N54:35.58	W127:02.74	N54:34.29	W126:00.00	36.52	67.64
T1591.0	N54:35.71	W127:02.74	N54:34.43	W126:00.00	36.52	67.64
T1592.0	N54:35.85	W127:02.74	N54:34.56	W126:00.00	36.52	67.64
T1593.0	N54:35.98	W127:02.75	N54:34.70	W126:00.00	36.52	67.64
T1594.0	N54:36.12	W127:02.75	N54:34.83	W126:00.00	36.52	67.64
T1595.0	N54:36.25	W127:02.75	N54:34.97	W126:00.00	36.52	67.64
T1596.0	N54:36.39	W127:02.76	N54:35.10	W126:00.00	36.52	67.64
T1597.0	N54:36.52	W127:02.76	N54:35.23	W126:00.00	36.52	67.64
T1598.0	N54:36.65	W127:02.77	N54:35.37	W126:00.00	36.52	67.64
T1599.0	N54:36.79	W127:02.77	N54:35.50	W126:00.00	36.52	67.64
T1600.0	N54:36.92	W127:02.77	N54:35.64	W126:00.00	36.52	67.64
T1601.0	N54:37.06	W127:02.78	N54:35.77	W126:00.00	36.52	67.64
T1602.0	N54:37.19	W127:02.78	N54:35.91	W126:00.00	36.52	67.64
T1603.0	N54:37.33	W127:02.78	N54:36.04	W126:00.00	36.52	67.64
T1604.0	N54:37.46	W127:02.79	N54:36.18	W126:00.00	36.52	67.64

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1605.0	N54:37.60	W127:02.79	N54:36.31	W126:00.00	36.52	67.64
T1606.0	N54:37.73	W127:02.79	N54:36.45	W126:00.00	36.52	67.64
T1607.0	N54:37.87	W127:02.80	N54:36.58	W126:00.00	36.52	67.64
T1608.0	N54:38.00	W127:02.80	N54:36.72	W126:00.00	36.52	67.64
T1609.0	N54:38.14	W127:02.80	N54:36.85	W126:00.00	36.52	67.64
T1610.0	N54:38.27	W127:02.81	N54:36.99	W126:00.00	36.52	67.64
T1611.0	N54:38.41	W127:02.81	N54:37.12	W126:00.00	36.52	67.64
T1612.0	N54:38.39	W126:53.51	N54:37.26	W126:00.00	31.12	57.63
T1613.0	N54:38.52	W126:53.52	N54:37.39	W126:00.00	31.12	57.63
T1614.0	N54:38.66	W126:53.52	N54:37.53	W126:00.00	31.12	57.63
T1615.0	N54:38.79	W126:53.52	N54:37.66	W126:00.00	31.12	57.63
T1616.0	N54:38.93	W126:53.53	N54:37.80	W126:00.00	31.12	57.63
T1617.0	N54:39.06	W126:53.53	N54:37.93	W126:00.00	31.12	57.63
T1618.0	N54:39.20	W126:53.53	N54:38.07	W126:00.00	31.12	57.63
T1619.0	N54:39.33	W126:53.53	N54:38.20	W126:00.00	31.12	57.63
T1620.0	N54:39.47	W126:53.63	N54:38.34	W126:00.00	31.17	57.73
T1621.0	N54:39.60	W126:53.66	N54:38.47	W126:00.00	31.19	57.76
T1622.0	N54:39.74	W126:53.80	N54:38.61	W126:00.00	31.27	57.91
T1623.0	N54:39.88	W126:53.93	N54:38.74	W126:00.00	31.34	58.05
T1624.0	N54:40.02	W126:54.09	N54:38.88	W126:00.00	31.43	58.21
T1625.0	N54:40.15	W126:54.32	N54:39.01	W126:00.00	31.57	58.46
T1626.0	N54:40.29	W126:54.56	N54:39.15	W126:00.00	31.70	58.71
T1627.0	N54:40.43	W126:54.80	N54:39.28	W126:00.00	31.84	58.97
T1628.0	N54:40.57	W126:55.03	N54:39.42	W126:00.00	31.97	59.22
T1629.0	N54:40.71	W126:55.27	N54:39.55	W126:00.00	32.11	59.47
T1630.0	N54:40.85	W126:55.51	N54:39.69	W126:00.00	32.25	59.72
T1631.0	N54:40.99	W126:55.90	N54:39.82	W126:00.00	32.47	60.14
T1632.0	N54:41.13	W126:55.99	N54:39.96	W126:00.00	32.52	60.24
T1633.0	N54:41.27	W126:56.22	N54:40.09	W126:00.00	32.65	60.48
T1634.0	N54:41.40	W126:56.46	N54:40.22	W126:00.00	32.79	60.73
T1635.0	N54:41.54	W126:56.69	N54:40.36	W126:00.00	32.93	60.98
T1636.0	N54:41.68	W126:56.93	N54:40.49	W126:00.00	33.06	61.23
T1637.0	N54:41.82	W126:57.17	N54:40.63	W126:00.00	33.20	61.48
T1638.0	N54:41.96	W126:57.41	N54:40.76	W126:00.00	33.33	61.73
T1639.0	N54:42.10	W126:57.64	N54:40.90	W126:00.00	33.47	61.99
T1640.0	N54:42.24	W126:57.88	N54:41.03	W126:00.00	33.61	62.24
T1641.0	N54:42.38	W126:58.26	N54:41.17	W126:00.00	33.82	62.64

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1642.0	N54:42.51	W126:58.35	N54:41.30	W126:00.00	33.88	62.74
T1643.0	N54:42.65	W126:58.59	N54:41.44	W126:00.00	34.01	62.99
T1644.0	N54:42.79	W126:58.83	N54:41.57	W126:00.00	34.15	63.24
T1645.0	N54:42.93	W126:59.07	N54:41.71	W126:00.00	34.28	63.50
T1646.0	N54:43.07	W126:59.30	N54:41.84	W126:00.00	34.42	63.75
T1647.0	N54:43.21	W126:59.54	N54:41.98	W126:00.00	34.56	64.00
T1648.0	N54:43.35	W126:59.78	N54:42.11	W126:00.00	34.69	64.25
T1649.0	N54:43.49	W127:00.02	N54:42.25	W126:00.00	34.83	64.50
T1650.0	N54:43.63	W127:00.25	N54:42.38	W126:00.00	34.96	64.75
T1651.0	N54:43.77	W127:00.62	N54:42.52	W126:00.00	35.17	65.14
T1652.0	N54:43.90	W127:00.73	N54:42.65	W126:00.00	35.24	65.26
T1653.0	N54:44.04	W127:00.97	N54:42.79	W126:00.00	35.37	65.51
T1654.0	N54:44.21	W127:02.96	N54:42.92	W126:00.00	36.52	67.64
T1655.0	N54:44.35	W127:03.64	N54:43.06	W126:00.00	36.92	68.37
T1656.0	N54:44.49	W127:03.65	N54:43.19	W126:00.00	36.92	68.38
T1657.0	N54:44.62	W127:03.67	N54:43.33	W126:00.00	36.93	68.40
T1658.0	N54:44.76	W127:03.69	N54:43.46	W126:00.00	36.94	68.41
T1659.0	N54:44.89	W127:03.70	N54:43.60	W126:00.00	36.95	68.42
T1660.0	N54:45.03	W127:03.72	N54:43.73	W126:00.00	36.95	68.43
T1661.0	N54:45.16	W127:03.73	N54:43.87	W126:00.00	36.96	68.45
T1662.0	N54:45.30	W127:03.74	N54:44.00	W126:00.00	36.96	68.46
T1663.0	N54:45.43	W127:03.76	N54:44.14	W126:00.00	36.97	68.47
T1664.0	N54:45.57	W127:03.77	N54:44.27	W126:00.00	36.98	68.48
T1665.0	N54:45.70	W127:03.79	N54:44.41	W126:00.00	36.98	68.49
T1666.0	N54:45.84	W127:03.80	N54:44.54	W126:00.00	36.99	68.50
T1667.0	N54:45.97	W127:03.81	N54:44.68	W126:00.00	36.99	68.51
T1668.0	N54:46.11	W127:03.83	N54:44.81	W126:00.00	37.00	68.52
T1669.0	N54:46.24	W127:03.84	N54:44.95	W126:00.00	37.01	68.54
T1670.0	N54:46.38	W127:03.86	N54:45.08	W126:00.00	37.01	68.55
T1671.0	N54:46.52	W127:03.87	N54:45.21	W126:00.00	37.02	68.56
T1672.0	N54:46.65	W127:03.88	N54:45.35	W126:00.00	37.02	68.57
T1673.0	N54:46.79	W127:03.90	N54:45.48	W126:00.00	37.03	68.58
T1674.0	N54:46.92	W127:03.91	N54:45.62	W126:00.00	37.04	68.59
T1675.0	N54:47.06	W127:03.93	N54:45.75	W126:00.00	37.04	68.60
T1676.0	N54:47.19	W127:03.94	N54:45.89	W126:00.00	37.05	68.61
T1677.0	N54:47.33	W127:03.96	N54:46.02	W126:00.00	37.05	68.63
T1678.0	N54:47.46	W127:03.97	N54:46.16	W126:00.00	37.06	68.64

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT NO	START LAT	START LONG	END LAT	END LONG	LENGTH NM	LENGTH KM
T1679.0	N54:47.60	W127:03.98	N54:46.29	W126:00.00	37.07	68.65
T1680.0	N54:47.73	W127:04.00	N54:46.43	W126:00.00	37.07	68.66
T1681.0	N54:47.87	W127:04.01	N54:46.56	W126:00.00	37.08	68.67
T1682.0	N54:48.00	W127:04.03	N54:46.70	W126:00.00	37.08	68.68
T1683.0	N54:48.14	W127:04.04	N54:46.83	W126:00.00	37.09	68.69
T1684.0	N54:48.27	W127:04.05	N54:46.97	W126:00.00	37.10	68.70
T1685.0	N54:48.41	W127:04.07	N54:47.10	W126:00.00	37.10	68.72
T1686.0	N54:48.54	W127:04.08	N54:47.24	W126:00.00	37.11	68.73
T1687.0	N54:48.68	W127:04.10	N54:47.37	W126:00.00	37.12	68.74
T1688.0	N54:48.81	W127:04.11	N54:47.51	W126:00.00	37.12	68.75
T1689.0	N54:48.95	W127:04.12	N54:47.64	W126:00.00	37.13	68.76
T1690.0	N54:49.08	W127:04.14	N54:47.78	W126:00.00	37.13	68.77
T1691.0	N54:49.22	W127:04.15	N54:47.91	W126:00.00	37.14	68.78
T1692.0	N54:49.35	W127:04.17	N54:48.05	W126:00.00	37.15	68.79
T1693.0	N54:49.49	W127:04.18	N54:49.33	W126:54.59	5.55	10.28
T1693.1	N54:49.32	W126:54.18	N54:48.18	W126:00.00	31.37	58.09
T1694.0	N54:49.62	W127:04.19	N54:49.46	W126:54.64	5.53	10.23
T1694.1	N54:49.45	W126:53.85	N54:48.32	W126:00.00	31.17	57.73
T1695.0	N54:49.76	W127:04.21	N54:49.60	W126:54.70	5.50	10.19
T1695.1	N54:49.58	W126:53.48	N54:48.45	W126:00.00	30.96	57.34
T1696.0	N54:49.89	W127:04.22	N54:49.73	W126:54.75	5.48	10.14
T1696.1	N54:49.71	W126:53.13	N54:48.59	W126:00.00	30.76	56.96
T1697.0	N54:50.03	W127:04.24	N54:49.87	W126:54.81	5.45	10.10
T1697.1	N54:49.84	W126:52.78	N54:48.72	W126:00.00	30.55	56.58
T1698.0	N54:50.16	W127:04.25	N54:50.01	W126:54.86	5.43	10.06
T1698.1	N54:49.93	W126:50.42	N54:48.86	W126:00.00	29.18	54.05
T1699.0	N54:50.30	W127:04.26	N54:50.14	W126:55.06	5.32	9.86
T1699.1	N54:50.05	W126:49.65	N54:48.99	W126:00.00	28.74	53.22
T1700.0	N54:50.43	W127:04.28	N54:50.28	W126:55.27	5.21	9.64
T1700.1	N54:50.17	W126:48.89	N54:49.13	W126:00.11	28.23	52.27
T1701.0	N54:50.57	W127:04.29	N54:50.42	W126:55.49	5.09	9.43
T1701.1	N54:50.30	W126:48.53	N54:49.26	W126:00.11	28.02	51.89
T1702.0	N54:50.70	W127:04.31	N54:50.56	W126:55.70	4.98	9.22
T1702.1	N54:50.43	W126:48.19	N54:49.40	W126:00.11	27.82	51.52
T1703.0	N54:50.83	W127:03.76	N54:50.70	W126:55.87	4.56	8.44
T1703.1	N54:50.56	W126:47.84	N54:49.53	W126:00.11	27.62	51.15
T1704.0	N54:50.68	W126:47.49	N54:49.67	W126:00.00	27.48	50.90

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1705.0	N54:50.81	W126:47.18	N54:49.80	W126:00.00	27.30	50.55
T1706.0	N54:50.94	W126:46.87	N54:49.94	W126:00.00	27.12	50.22
T1707.0	N54:51.08	W126:46.78	N54:50.07	W126:00.00	27.06	50.12
T1708.0	N54:51.20	W126:46.24	N54:50.20	W126:00.00	26.75	49.54
T1709.0	N54:51.33	W126:46.01	N54:50.34	W126:00.00	26.61	49.29
T1710.0	N54:51.46	W126:45.92	N54:50.47	W126:00.00	26.56	49.19
T1711.0	N54:51.60	W126:45.84	N54:50.61	W126:00.00	26.51	49.10
T1712.0	N54:51.73	W126:45.75	N54:50.74	W126:00.00	26.46	49.01
T1713.0	N54:51.86	W126:45.67	N54:50.88	W126:00.00	26.41	48.91
T1714.0	N54:52.00	W126:45.58	N54:51.01	W126:00.00	26.36	48.82
T1715.0	N54:52.13	W126:45.50	N54:51.15	W126:00.00	26.31	48.73
T1716.0	N54:52.26	W126:45.42	N54:51.28	W126:00.00	26.26	48.64
T1717.0	N54:52.40	W126:45.33	N54:51.42	W126:00.00	26.21	48.54
T1718.0	N54:52.53	W126:45.25	N54:51.55	W126:00.00	26.16	48.45
T1719.0	N54:52.66	W126:44.98	N54:51.69	W126:00.00	26.00	48.16
T1720.0	N54:52.79	W126:44.66	N54:51.82	W126:00.00	25.82	47.82
T1721.0	N54:52.92	W126:44.30	N54:51.96	W126:00.00	25.61	47.43
T1722.0	N54:53.04	W126:43.67	N54:52.09	W126:00.00	25.24	46.75
T1723.0	N54:53.18	W126:43.77	N54:52.23	W126:00.00	25.30	46.86
T1724.0	N54:53.31	W126:43.87	N54:52.36	W126:00.00	25.36	46.96
T1725.0	N54:53.45	W126:43.97	N54:52.50	W126:00.00	25.42	47.07
T1726.0	N54:53.59	W126:44.08	N54:52.63	W126:00.00	25.47	47.17
T1727.0	N54:53.72	W126:44.18	N54:52.77	W126:00.00	25.53	47.28
T1728.0	N54:53.86	W126:44.28	N54:52.90	W126:00.00	25.59	47.39
T1729.0	N54:54.00	W126:44.38	N54:53.04	W126:00.00	25.64	47.49
T1730.0	N54:54.14	W126:44.59	N54:53.17	W126:00.00	25.77	47.72
T1731.0	N54:54.27	W126:44.60	N54:53.31	W126:00.00	25.77	47.72
T1732.0	N54:54.41	W126:44.72	N54:53.44	W126:00.00	25.84	47.85
T1733.0	N54:54.55	W126:44.85	N54:53.58	W126:00.00	25.91	47.99
T1734.0	N54:54.68	W126:44.99	N54:53.71	W126:00.00	25.99	48.13
T1735.0	N54:54.82	W126:45.12	N54:53.85	W126:00.00	26.06	48.27
T1736.0	N54:54.96	W126:45.25	N54:53.98	W126:00.00	26.14	48.41
T1737.0	N54:55.10	W126:45.38	N54:54.12	W126:00.00	26.21	48.54
T1738.0	N54:55.24	W126:45.77	N54:54.25	W126:00.00	26.43	48.95
T1739.0	N54:55.39	W126:46.58	N54:54.39	W126:00.00	26.90	49.82
T1740.0	N54:55.54	W126:47.39	N54:54.52	W126:00.00	27.37	50.68
T1741.0	N54:55.68	W126:47.58	N54:54.66	W126:00.00	27.47	50.88

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1742.0	N54:55.81	W126:47.77	N54:54.79	W126:00.00	27.58	51.08
T1743.0	N54:55.95	W126:47.95	N54:54.93	W126:00.00	27.69	51.27
T1744.0	N54:56.09	W126:48.14	N54:55.06	W126:00.00	27.79	51.47
T1745.0	N54:56.23	W126:48.25	N54:55.19	W126:00.00	27.86	51.59
T1746.0	N54:56.36	W126:48.35	N54:55.33	W126:00.00	27.91	51.69
T1747.0	N54:56.50	W126:48.44	N54:55.46	W126:00.00	27.96	51.79
T1748.0	N54:56.64	W126:48.54	N54:55.60	W126:00.00	28.02	51.88
T1749.0	N54:56.77	W126:48.63	N54:55.73	W126:00.00	28.07	51.98
T1750.0	N54:56.91	W126:48.73	N54:55.87	W126:00.00	28.12	52.08
T1751.0	N54:57.05	W126:48.82	N54:56.00	W126:00.00	28.17	52.18
T1752.0	N54:57.19	W126:49.33	N54:56.14	W126:00.00	28.47	52.72
T1753.0	N54:57.33	W126:49.65	N54:56.27	W126:00.00	28.65	53.06
T1754.0	N54:57.47	W126:50.10	N54:56.41	W126:00.00	28.91	53.54
T1755.0	N54:57.62	W126:50.55	N54:56.54	W126:00.00	29.17	54.01
T1756.0	N54:57.76	W126:50.79	N54:56.68	W126:00.00	29.30	54.26
T1757.0	N54:57.89	W126:50.96	N54:56.81	W126:00.00	29.40	54.45
T1758.0	N54:58.03	W126:51.14	N54:56.95	W126:00.00	29.50	54.63
T1759.0	N54:58.17	W126:51.31	N54:57.08	W126:00.00	29.59	54.81
T1760.0	N54:58.30	W126:51.36	N54:57.22	W126:00.00	29.63	54.87
T1761.0	N54:58.44	W126:51.42	N54:57.35	W126:00.00	29.66	54.93
T1762.0	N54:58.58	W126:51.61	N54:57.49	W126:00.00	29.76	55.12
T1763.0	N54:58.71	W126:51.61	N54:57.62	W126:00.00	29.76	55.12
T1764.0	N54:58.85	W126:51.71	N54:57.76	W126:00.00	29.82	55.22
T1765.0	N54:58.98	W126:51.71	N54:57.89	W126:00.00	29.82	55.22
T1766.0	N54:59.12	W126:51.73	N54:58.03	W126:00.00	29.83	55.24
T1767.0	N54:59.26	W126:52.01	N54:58.16	W126:00.00	29.98	55.53
T1768.0	N54:59.40	W126:52.28	N54:58.30	W126:00.00	30.14	55.82
T1769.0	N54:59.54	W126:52.56	N54:58.43	W126:00.00	30.30	56.12
T1770.0	N54:59.68	W126:52.84	N54:58.57	W126:00.00	30.46	56.41
T1771.0	N54:59.82	W126:53.14	N54:58.70	W126:00.00	30.63	56.73
T1772.0	N54:59.96	W126:53.48	N54:58.84	W126:00.00	30.82	57.09
T1773.0	N55:00.10	W126:53.98	N54:58.97	W126:00.00	31.11	57.62
T1774.0	N55:00.24	W126:54.15	N54:59.11	W126:00.00	31.21	57.80
T1775.0	N55:00.38	W126:54.49	N54:59.24	W126:00.00	31.40	58.16
T1776.0	N55:00.52	W126:54.83	N54:59.38	W126:00.00	31.59	58.51
T1777.0	N55:00.66	W126:55.11	N54:59.51	W126:00.00	31.75	58.81
T1778.0	N55:00.80	W126:55.22	N54:59.65	W126:00.00	31.82	58.93

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1779.0	N55:00.94	W126:55.34	N54:59.78	W126:00.00	31.88	59.05
T1780.0	N55:01.07	W126:55.45	N54:59.91	W126:00.00	31.95	59.16
T1781.0	N55:01.21	W126:55.57	N55:00.05	W126:00.00	32.01	59.28
T1782.0	N55:01.35	W126:55.68	N55:00.18	W126:00.00	32.07	59.40
T1783.0	N55:01.48	W126:55.80	N55:00.32	W126:00.00	32.14	59.52
T1784.0	N55:01.62	W126:55.98	N55:00.45	W126:00.00	32.24	59.71
T1785.0	N55:01.76	W126:56.37	N55:00.59	W126:00.00	32.46	60.12
T1786.0	N55:01.90	W126:56.65	N55:00.72	W126:00.00	32.63	60.42
T1787.0	N55:02.04	W126:56.99	N55:00.86	W126:00.00	32.82	60.78
T1788.0	N55:02.18	W126:57.33	N55:00.99	W126:00.00	33.01	61.14
T1789.0	N55:02.32	W126:57.66	N55:01.13	W126:00.00	33.20	61.49
T1790.0	N55:02.52	W127:01.74	N55:01.26	W126:00.00	35.55	65.83
T1791.0	N55:02.66	W127:01.74	N55:01.40	W126:00.00	35.55	65.83
T1792.0	N55:02.79	W127:01.75	N55:01.53	W126:00.00	35.55	65.83
T1793.0	N55:02.93	W127:01.75	N55:01.67	W126:00.00	35.55	65.83
T1794.0	N55:03.06	W127:01.75	N55:01.80	W126:00.00	35.54	65.83
T1795.0	N55:03.20	W127:01.75	N55:01.94	W126:00.00	35.54	65.83
T1796.0	N55:03.33	W127:01.76	N55:02.07	W126:00.00	35.54	65.83
T1797.0	N55:03.47	W127:01.76	N55:02.21	W126:00.00	35.54	65.83
T1798.0	N55:03.60	W127:01.76	N55:02.34	W126:00.00	35.54	65.82
T1799.0	N55:03.74	W127:01.76	N55:02.48	W126:00.00	35.54	65.82
T1800.0	N55:03.87	W127:01.77	N55:02.61	W126:00.00	35.54	65.82
T1801.0	N55:04.01	W127:01.77	N55:02.75	W126:00.00	35.54	65.82
T1802.0	N55:04.14	W127:01.77	N55:02.88	W126:00.00	35.54	65.82
T1803.0	N55:04.28	W127:01.77	N55:03.02	W126:00.00	35.54	65.82
T1804.0	N55:04.41	W127:01.77	N55:03.15	W126:00.00	35.54	65.82
T1805.0	N55:04.55	W127:01.78	N55:03.29	W126:00.00	35.54	65.82
T1806.0	N55:04.68	W127:01.78	N55:03.42	W126:00.00	35.54	65.82
T1807.0	N55:04.82	W127:01.78	N55:03.56	W126:00.00	35.54	65.81
T1808.0	N55:04.95	W127:01.78	N55:03.69	W126:00.00	35.54	65.81
T1809.0	N55:05.09	W127:01.79	N55:03.83	W126:00.00	35.54	65.81
T1810.0	N55:05.22	W127:01.79	N55:03.96	W126:00.00	35.54	65.81
T1811.0	N55:05.36	W127:01.79	N55:04.10	W126:00.00	35.53	65.81
T1812.0	N55:05.49	W127:01.79	N55:04.23	W126:00.00	35.53	65.81
T1813.0	N55:05.63	W127:01.80	N55:04.37	W126:00.00	35.53	65.81
T1814.0	N55:05.76	W127:01.80	N55:04.50	W126:00.00	35.53	65.81
T1815.0	N55:05.90	W127:01.80	N55:04.63	W126:00.00	35.53	65.81

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1816.0	N55:06.03	W127:01.80	N55:04.77	W126:00.00	35.53	65.80
T1817.0	N55:06.17	W127:01.81	N55:04.90	W126:00.00	35.53	65.80
T1818.0	N55:06.30	W127:01.81	N55:05.04	W126:00.00	35.53	65.80
T1819.0	N55:06.44	W127:01.81	N55:05.17	W126:00.00	35.53	65.80
T1820.0	N55:06.57	W127:01.81	N55:05.31	W126:00.00	35.53	65.80
T1821.0	N55:06.71	W127:01.82	N55:05.44	W126:00.00	35.53	65.80
T1822.0	N55:06.84	W127:01.82	N55:05.58	W126:00.00	35.53	65.80
T1823.0	N55:06.98	W127:01.82	N55:05.71	W126:00.00	35.53	65.80
T1824.0	N55:07.11	W127:01.82	N55:05.85	W126:00.00	35.53	65.80
T1825.0	N55:07.25	W127:01.83	N55:05.98	W126:00.00	35.53	65.79
T1826.0	N55:07.38	W127:01.83	N55:06.12	W126:00.00	35.53	65.79
T1827.0	N55:07.51	W127:01.83	N55:06.25	W126:00.00	35.53	65.79
T1828.0	N55:07.65	W127:01.83	N55:06.39	W126:00.00	35.52	65.79
T1829.0	N55:07.78	W127:01.84	N55:06.52	W126:00.00	35.52	65.79
T1830.0	N55:07.92	W127:01.84	N55:06.66	W126:00.00	35.52	65.79
T1831.0	N55:08.05	W127:01.84	N55:06.79	W126:00.00	35.52	65.79
T1832.0	N55:08.19	W127:01.84	N55:06.93	W126:00.00	35.52	65.79
T1833.0	N55:08.32	W127:01.84	N55:07.06	W126:00.00	35.52	65.79
T1834.0	N55:08.46	W127:01.85	N55:07.20	W126:00.00	35.52	65.78
T1835.0	N55:08.59	W127:01.85	N55:07.33	W126:00.00	35.52	65.78
T1836.0	N55:08.73	W127:01.85	N55:07.47	W126:00.00	35.52	65.78
T1837.0	N55:08.86	W127:01.86	N55:07.60	W126:00.00	35.52	65.78
T1838.0	N55:09.00	W127:01.86	N55:07.74	W126:00.00	35.52	65.78
T1839.0	N55:09.13	W127:01.87	N55:07.87	W126:00.00	35.52	65.79
T1840.0	N55:09.27	W127:01.87	N55:08.01	W126:00.00	35.52	65.79
T1841.0	N55:09.40	W127:01.88	N55:08.14	W126:00.00	35.52	65.79
T1842.0	N55:09.54	W127:01.88	N55:08.28	W126:00.00	35.52	65.79
T1843.0	N55:09.67	W127:01.88	N55:08.41	W126:00.00	35.52	65.79
T1844.0	N55:09.81	W127:01.89	N55:08.55	W126:00.00	35.53	65.79
T1845.0	N55:09.94	W127:01.89	N55:08.68	W126:00.00	35.53	65.79
T1846.0	N55:10.08	W127:01.90	N55:08.82	W126:00.00	35.53	65.80
T1847.0	N55:10.21	W127:01.90	N55:08.95	W126:00.00	35.53	65.80
T1848.0	N55:10.35	W127:01.91	N55:09.09	W126:00.00	35.53	65.80
T1849.0	N55:10.48	W127:01.91	N55:09.22	W126:00.00	35.53	65.80
T1850.0	N55:10.62	W127:01.92	N55:09.35	W126:00.00	35.53	65.80
T1851.0	N55:10.75	W127:01.92	N55:09.49	W126:00.00	35.53	65.80
T1852.0	N55:10.89	W127:01.93	N55:09.62	W126:00.00	35.53	65.81

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1853.0	N55:11.02	W127:01.93	N55:09.76	W126:00.00	35.53	65.81
T1854.0	N55:11.16	W127:01.94	N55:09.89	W126:00.00	35.53	65.81
T1855.0	N55:11.29	W127:01.94	N55:10.03	W126:00.00	35.53	65.81
T1856.0	N55:11.43	W127:01.95	N55:10.16	W126:00.00	35.54	65.81
T1857.0	N55:11.56	W127:01.95	N55:10.30	W126:00.00	35.54	65.81
T1858.0	N55:11.70	W127:01.96	N55:10.43	W126:00.00	35.54	65.81
T1859.0	N55:11.83	W127:01.96	N55:10.57	W126:00.00	35.54	65.82
T1860.0	N55:11.97	W127:01.97	N55:10.70	W126:00.00	35.54	65.82
T1861.0	N55:12.10	W127:01.97	N55:10.84	W126:00.00	35.54	65.82
T1862.0	N55:12.24	W127:01.98	N55:10.97	W126:00.00	35.54	65.82
T1863.0	N55:12.37	W127:01.98	N55:11.11	W126:00.00	35.54	65.82
T1864.0	N55:12.51	W127:01.99	N55:11.24	W126:00.00	35.54	65.82
T1865.0	N55:12.64	W127:01.99	N55:11.38	W126:00.00	35.54	65.83
T1866.0	N55:12.78	W127:02.00	N55:11.51	W126:00.00	35.54	65.83
T1867.0	N55:12.91	W127:02.00	N55:11.65	W126:00.00	35.54	65.83
T1868.0	N55:13.05	W127:02.01	N55:11.78	W126:00.00	35.55	65.83
T1869.0	N55:13.18	W127:02.01	N55:11.92	W126:00.00	35.55	65.83
T1870.0	N55:13.32	W127:02.02	N55:12.05	W126:00.00	35.55	65.83
T1871.0	N55:13.45	W127:02.02	N55:12.19	W126:00.00	35.55	65.84
T1872.0	N55:13.58	W127:02.03	N55:12.32	W126:00.00	35.55	65.84
T1873.0	N55:13.72	W127:02.03	N55:12.46	W126:00.00	35.55	65.84
T1874.0	N55:13.85	W127:02.04	N55:12.59	W126:00.00	35.55	65.84
T1875.0	N55:13.99	W127:02.04	N55:12.73	W126:00.00	35.55	65.84
T1876.0	N55:14.12	W127:02.05	N55:12.86	W126:00.00	35.55	65.84
T1877.0	N55:14.26	W127:02.05	N55:13.00	W126:00.00	35.55	65.84
T1878.0	N55:14.39	W127:02.06	N55:13.13	W126:00.00	35.55	65.85
T1879.0	N55:14.53	W127:02.06	N55:13.27	W126:00.00	35.55	65.85
T1880.0	N55:14.66	W127:02.07	N55:13.40	W126:00.00	35.56	65.85
T1881.0	N55:14.80	W127:02.07	N55:13.54	W126:00.00	35.56	65.85
T1882.0	N55:14.93	W127:02.08	N55:13.67	W126:00.00	35.56	65.85
T1883.0	N55:15.07	W127:02.08	N55:13.81	W126:00.00	35.56	65.85
T1884.0	N55:15.20	W127:02.09	N55:13.94	W126:00.00	35.56	65.86
T1885.0	N55:15.34	W127:02.09	N55:14.07	W126:00.00	35.56	65.86
T1886.0	N55:15.47	W127:02.10	N55:14.21	W126:00.00	35.56	65.86
T1887.0	N55:15.61	W127:02.10	N55:14.34	W126:00.00	35.56	65.86
T1888.0	N55:15.74	W127:02.11	N55:14.48	W126:00.00	35.56	65.86
T1889.0	N55:15.88	W127:02.11	N55:14.61	W126:00.00	35.56	65.86

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T1890.0	N55:16.01	W127:02.12	N55:14.75	W126:00.00	35.56	65.86
T1891.0	N55:16.15	W127:02.12	N55:14.88	W126:00.00	35.56	65.87
T1892.0	N55:16.28	W127:02.13	N55:15.02	W126:00.00	35.57	65.87
T1893.0	N55:16.42	W127:02.13	N55:15.15	W126:00.00	35.57	65.87
T1894.0	N55:16.55	W127:02.14	N55:15.29	W126:00.00	35.57	65.87
T1895.0	N55:16.69	W127:02.14	N55:15.42	W126:00.00	35.57	65.87
T1896.0	N55:16.82	W127:02.15	N55:15.56	W126:00.00	35.57	65.87
T1897.0	N55:16.96	W127:02.15	N55:15.69	W126:00.00	35.57	65.88
T1898.0	N55:17.09	W127:02.16	N55:15.83	W126:00.00	35.57	65.88
T1899.0	N55:17.23	W127:02.16	N55:15.96	W126:00.00	35.57	65.88
T1900.0	N55:17.36	W127:02.17	N55:16.10	W126:00.00	35.57	65.88
T1901.0	N55:17.50	W127:02.17	N55:16.23	W126:00.00	35.57	65.88
T1902.0	N55:17.63	W127:02.18	N55:16.37	W126:00.00	35.57	65.88
T1903.0	N55:17.77	W127:02.18	N55:16.50	W126:00.00	35.58	65.89
T1904.0	N55:17.90	W127:02.19	N55:16.64	W126:00.00	35.58	65.89
T1905.0	N55:18.04	W127:02.19	N55:16.77	W126:00.00	35.58	65.89
T1906.0	N55:18.17	W127:02.20	N55:16.91	W126:00.00	35.58	65.89
T1907.0	N55:18.31	W127:02.20	N55:17.04	W126:00.00	35.58	65.89
T1908.0	N55:18.44	W127:02.21	N55:17.18	W126:00.00	35.58	65.89
T1909.0	N55:18.58	W127:02.21	N55:17.31	W126:00.00	35.58	65.90
T1910.0	N55:18.71	W127:02.22	N55:17.45	W126:00.00	35.58	65.90
T1911.0	N55:18.85	W127:02.22	N55:17.58	W126:00.00	35.58	65.90
T1912.0	N55:18.98	W127:02.23	N55:17.72	W126:00.00	35.58	65.90
T1913.0	N55:19.12	W127:02.23	N55:17.85	W126:00.00	35.58	65.90
T1914.0	N55:19.25	W127:02.24	N55:17.99	W126:00.00	35.59	65.90
T1915.0	N55:19.39	W127:02.24	N55:18.12	W126:00.00	35.59	65.91
T1916.0	N55:19.52	W127:02.25	N55:18.26	W126:00.00	35.59	65.91
T1917.0	N55:19.66	W127:02.25	N55:18.39	W126:00.00	35.59	65.91
T1918.0	N55:19.79	W127:02.26	N55:18.53	W126:00.00	35.59	65.91
T1919.0	N55:19.93	W127:02.26	N55:18.66	W126:00.00	35.59	65.91
T1920.0	N55:20.06	W127:02.27	N55:18.79	W126:00.00	35.59	65.91
T1921.0	N55:20.19	W127:02.27	N55:18.93	W126:00.00	35.59	65.92
T1922.0	N55:20.33	W127:02.28	N55:19.06	W126:00.00	35.59	65.92
T1923.0	N55:20.46	W127:02.28	N55:19.20	W126:00.00	35.59	65.92
T1924.0	N55:20.60	W127:02.29	N55:19.33	W126:00.00	35.59	65.92
T1925.0	N55:20.73	W127:02.29	N55:19.47	W126:00.00	35.59	65.92
T1926.0	N55:20.87	W127:02.30	N55:19.60	W126:00.00	35.60	65.92

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT NO	START LAT	START LONG	END LAT	END LONG	LENGTH NM	LENGTH KM
T1927.0	N55:21.00	W127:02.30	N55:19.74	W126:00.00	35.60	65.93
T1928.0	N55:21.14	W127:02.31	N55:19.87	W126:00.00	35.60	65.93
T1929.0	N55:21.27	W127:02.31	N55:20.01	W126:00.00	35.60	65.93
T1930.0	N55:21.41	W127:02.32	N55:20.14	W126:00.00	35.60	65.93
T1931.0	N55:21.54	W127:02.32	N55:20.28	W126:00.00	35.60	65.93
T1932.0	N55:21.68	W127:02.33	N55:20.41	W125:59.99	35.60	65.93
T1933.0	N55:21.81	W127:02.33	N55:20.55	W125:59.99	35.60	65.94
T1934.0	N55:21.95	W127:02.34	N55:20.68	W125:59.99	35.60	65.94
T1935.0	N55:22.08	W127:02.34	N55:20.82	W125:59.99	35.60	65.94
T1936.0	N55:22.22	W127:02.34	N55:20.95	W125:59.99	35.60	65.94
T1937.0	N55:22.35	W127:02.35	N55:21.09	W125:59.99	35.61	65.94
T1938.0	N55:22.49	W127:02.35	N55:21.22	W125:59.99	35.61	65.94
T1939.0	N55:22.62	W127:02.36	N55:21.36	W125:59.99	35.61	65.95
T1940.0	N55:22.76	W127:02.36	N55:21.49	W125:59.99	35.61	65.95
T1941.0	N55:22.89	W127:02.37	N55:21.63	W125:59.99	35.61	65.95
T1942.0	N55:23.03	W127:02.37	N55:21.76	W125:59.99	35.61	65.95
T1943.0	N55:23.16	W127:02.38	N55:21.90	W125:59.99	35.61	65.95
T1944.0	N55:23.30	W127:02.38	N55:22.03	W125:59.99	35.61	65.95
T1945.0	N55:23.43	W127:02.39	N55:22.17	W125:59.99	35.61	65.95
T1946.0	N55:23.57	W127:02.39	N55:22.30	W125:59.99	35.61	65.96
T1947.0	N55:23.70	W127:02.40	N55:22.44	W125:59.99	35.61	65.96
T1948.0	N55:23.84	W127:02.40	N55:22.57	W125:59.99	35.62	65.96
T1949.0	N55:23.97	W127:02.41	N55:22.71	W125:59.99	35.62	65.96
T1950.0	N55:24.11	W127:02.41	N55:22.84	W125:59.99	35.62	65.96
T1951.0	N55:24.24	W127:02.42	N55:22.98	W125:59.99	35.62	65.97
T1952.0	N55:24.38	W127:02.42	N55:23.11	W125:59.99	35.62	65.97
T1953.0	N55:24.51	W127:02.43	N55:23.24	W125:59.99	35.62	65.97
T1954.0	N55:24.65	W127:02.43	N55:23.38	W125:59.99	35.62	65.97
T1955.0	N55:24.78	W127:02.44	N55:23.51	W125:59.99	35.62	65.97
T1956.0	N55:24.92	W127:02.44	N55:23.65	W125:59.99	35.62	65.97
T1957.0	N55:25.05	W127:02.45	N55:23.78	W125:59.99	35.62	65.97
T1958.0	N55:25.19	W127:02.45	N55:23.92	W125:59.99	35.62	65.98
T1959.0	N55:25.32	W127:02.46	N55:24.05	W125:59.99	35.63	65.98
T1960.0	N55:25.46	W127:02.46	N55:24.19	W125:59.99	35.63	65.98
T1961.0	N55:25.58	W127:01.75	N55:24.32	W125:59.99	35.22	65.22
T1962.0	N55:25.58	W126:53.48	N55:24.46	W125:59.99	30.50	56.49
T1963.0	N55:25.57	W126:45.34	N55:24.59	W125:59.99	25.86	47.89

Zone 09 - PLANNED SURVEY LINES
WGS-84

SEGMENT NO	START LAT	START LONG	END LAT	END LONG	LENGTH NM	LENGTH KM
T1964.0	N55:25.56	W126:37.95	N55:24.73	W125:59.99	21.65	40.09
T1965.0	N55:25.52	W126:29.05	N55:24.86	W125:59.99	16.57	30.69
T1966.0	N55:25.49	W126:21.37	N55:25.00	W125:59.99	12.19	22.58
T1967.0	N55:25.44	W126:12.77	N55:25.13	W125:59.99	7.29	13.50
T1968.0	N55:25.38	W126:04.78	N55:25.27	W125:59.99	2.73	5.06

Total control line length = 2541.89 nautical miles
= 4707.58 kilometers.

Total traverse line length = 24545.26 nautical miles
= 45457.82 kilometers.

Total length of all lines = 27087.15 nautical miles
= 50165.40 kilometers.

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
C0201.0	N53:16.44	W125:57.75	N55:13.57	W125:57.62	117.34	217.31
C0201.1	N55:18.23	W125:57.62	N55:25.41	W125:57.62	7.19	13.31
C0202.0	N53:16.46	W125:55.50	N55:13.07	W125:55.27	116.81	216.34
C0202.1	N55:22.74	W125:55.26	N55:25.47	W125:55.25	2.74	5.07
C0203.0	N53:18.44	W125:53.25	N55:12.98	W125:52.91	114.74	212.49
C0203.1	N55:23.20	W125:52.89	N55:25.38	W125:52.88	2.19	4.05
C0204.0	N53:19.30	W125:50.99	N55:12.22	W125:50.56	113.12	209.49
C0204.1	N55:21.91	W125:50.53	N55:25.33	W125:50.52	3.43	6.35
C0205.0	N53:19.90	W125:48.74	N55:11.20	W125:48.20	111.49	206.49
C0205.1	N55:20.17	W125:48.17	N55:25.36	W125:48.15	5.20	9.64
C0206.0	N53:19.90	W125:46.49	N55:10.58	W125:45.85	110.87	205.33
C0206.1	N55:17.03	W125:45.82	N55:25.45	W125:45.78	8.44	15.63
C0207.0	N53:20.54	W125:44.23	N55:10.09	W125:43.50	109.74	203.24
C0207.1	N55:10.34	W125:43.50	N55:25.33	W125:43.41	15.02	27.82
C0208.0	N53:21.25	W125:41.97	N55:25.44	W125:41.04	124.40	230.38
C0209.0	N53:21.30	W125:39.72	N55:25.30	W125:38.67	124.21	230.04
C0210.0	N53:21.37	W125:37.47	N55:25.35	W125:36.30	124.19	230.01
C0211.0	N53:21.42	W125:35.21	N55:25.27	W125:33.93	124.06	229.77
C0212.0	N53:21.42	W125:32.96	N54:42.32	W125:32.04	81.04	150.08
C0212.1	N54:43.75	W125:32.03	N55:25.32	W125:31.56	41.64	77.13
C0213.0	N53:21.51	W125:30.70	N54:40.18	W125:29.74	78.80	145.93
C0213.1	N54:44.29	W125:29.69	N55:25.25	W125:29.19	41.03	75.99
C0214.0	N53:59.47	W125:27.95	N54:35.91	W125:27.47	36.51	67.61
C0214.1	N54:48.95	W125:27.30	N55:25.28	W125:26.83	36.39	67.40
C0215.0	N53:59.51	W125:25.66	N54:35.98	W125:25.15	36.53	67.65
C0215.1	N54:49.26	W125:24.96	N55:25.22	W125:24.46	36.03	66.72
C0216.0	N53:59.56	W125:23.37	N54:35.75	W125:22.83	36.25	67.13
C0216.1	N54:44.71	W125:22.70	N54:47.74	W125:22.65	3.04	5.63
C0216.2	N54:49.57	W125:22.62	N55:03.25	W125:22.42	13.71	25.39
C0216.3	N55:06.19	W125:22.37	N55:25.24	W125:22.09	19.08	35.33
C0217.0	N53:59.61	W125:21.09	N54:35.67	W125:20.51	36.12	66.90
C0217.1	N54:44.64	W125:20.37	N54:48.06	W125:20.31	3.43	6.35
C0217.2	N54:49.19	W125:20.30	N55:00.92	W125:20.11	11.75	21.75
C0217.3	N55:06.21	W125:20.02	N55:24.88	W125:19.72	18.70	34.64
C0218.0	N53:59.65	W125:18.80	N54:35.60	W125:18.19	36.01	66.69
C0218.1	N54:42.28	W125:18.08	N54:58.65	W125:17.80	16.40	30.38
C0218.2	N55:06.15	W125:17.67	N55:22.65	W125:17.39	16.53	30.61

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
C0219.0	N53:59.69	W125:16.51	N54:35.36	W125:15.87	35.72	66.15
C0219.1	N54:42.27	W125:15.75	N54:56.38	W125:15.50	14.14	26.19
C0219.2	N55:06.19	W125:15.32	N55:20.52	W125:15.06	14.35	26.57
C0220.0	N53:59.74	W125:14.22	N54:35.16	W125:13.56	35.48	65.71
C0220.1	N54:40.61	W125:13.45	N54:54.12	W125:13.20	13.54	25.07
C0220.2	N55:06.22	W125:12.97	N55:18.27	W125:12.74	12.06	22.34
C0221.0	N53:59.77	W125:11.93	N54:34.88	W125:11.24	35.17	65.13
C0221.1	N54:39.44	W125:11.15	N54:51.87	W125:10.91	12.46	23.07
C0221.2	N55:06.23	W125:10.62	N55:16.06	W125:10.42	9.84	18.23
C0222.0	N53:59.80	W125:09.64	N54:34.25	W125:08.94	34.50	63.89
C0222.1	N54:39.21	W125:08.83	N54:49.62	W125:08.62	10.43	19.32
C0222.2	N55:06.19	W125:08.27	N55:13.90	W125:08.11	7.73	14.31
C0223.0	N53:59.84	W125:07.36	N54:35.37	W125:06.59	35.59	65.91
C0223.1	N54:37.90	W125:06.54	N54:47.37	W125:06.33	9.48	17.57
C0223.2	N55:06.23	W125:05.92	N55:11.66	W125:05.80	5.44	10.08
C0224.0	N53:59.87	W125:05.07	N54:35.67	W125:04.26	35.86	66.42
C0224.1	N54:37.00	W125:04.23	N54:45.12	W125:04.05	8.13	15.06
C0224.2	N55:06.24	W125:03.57	N55:09.53	W125:03.49	3.30	6.11
C0225.0	N53:59.90	W125:02.78	N54:42.76	W125:01.77	42.93	79.51
C0225.1	N55:06.17	W125:01.22	N55:07.28	W125:01.19	1.11	2.05
C0226.0	N53:59.93	W125:00.49	N54:40.49	W124:59.50	40.63	75.24
C0227.0	N53:59.88	W124:58.20	N54:38.22	W124:57.23	38.40	71.12
C0228.0	N53:59.92	W124:55.91	N54:35.96	W124:54.97	36.10	66.86
C0229.0	N53:59.96	W124:53.62	N54:33.71	W124:52.71	33.80	62.61
C0230.0	N53:59.99	W124:51.34	N54:31.45	W124:50.45	31.51	58.35
C0231.0	N54:00.03	W124:49.05	N54:29.19	W124:48.20	29.21	54.10
C0232.0	N54:00.06	W124:46.76	N54:26.84	W124:45.96	26.83	49.68
C0233.0	N54:00.09	W124:44.47	N54:24.57	W124:43.72	24.51	45.40
C0234.0	N54:00.13	W124:42.18	N54:22.29	W124:41.48	22.20	41.11
C0235.0	N54:00.16	W124:39.89	N54:20.02	W124:39.24	19.89	36.83
C0236.0	N54:00.19	W124:37.60	N54:17.75	W124:37.01	17.59	32.58
C0237.0	N54:00.22	W124:35.31	N54:15.49	W124:34.78	15.29	28.33
C0238.0	N54:00.25	W124:33.02	N54:13.23	W124:32.56	13.00	24.08
C0239.0	N54:00.27	W124:30.73	N54:10.96	W124:30.34	10.71	19.84
C0240.0	N54:00.29	W124:28.44	N54:08.61	W124:28.13	8.34	15.44
C0241.0	N54:00.31	W124:26.15	N54:06.33	W124:25.92	6.03	11.16
C0242.0	N54:00.33	W124:23.86	N54:04.04	W124:23.72	3.72	6.89

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
C0243.0	N54:00.35	W124:21.57	N54:01.77	W124:21.51	1.42	2.64
T2013.0	N53:16.47	W126:00.00	N53:16.58	W125:55.46	2.73	5.06
T2014.0	N53:16.60	W126:00.00	N53:16.71	W125:55.46	2.73	5.06
T2015.0	N53:16.74	W126:00.00	N53:16.85	W125:55.45	2.73	5.06
T2016.0	N53:16.87	W126:00.00	N53:16.98	W125:55.45	2.73	5.06
T2017.0	N53:17.01	W126:00.00	N53:17.12	W125:55.45	2.73	5.06
T2018.0	N53:17.14	W126:00.00	N53:17.25	W125:55.45	2.73	5.06
T2019.0	N53:17.28	W126:00.00	N53:17.39	W125:55.45	2.73	5.06
T2020.0	N53:17.41	W126:00.00	N53:17.52	W125:55.45	2.73	5.06
T2021.0	N53:17.55	W126:00.00	N53:17.66	W125:55.45	2.73	5.06
T2022.0	N53:17.68	W126:00.00	N53:17.80	W125:55.08	2.95	5.47
T2023.0	N53:17.82	W126:00.00	N53:17.95	W125:54.70	3.18	5.90
T2024.0	N53:17.95	W126:00.00	N53:18.09	W125:54.31	3.42	6.33
T2025.0	N53:18.09	W126:00.00	N53:18.24	W125:53.93	3.65	6.75
T2026.0	N53:18.22	W126:00.00	N53:18.38	W125:53.54	3.88	7.18
T2027.0	N53:18.36	W126:00.00	N53:18.53	W125:53.11	4.14	7.66
T2028.0	N53:18.49	W126:00.00	N53:18.67	W125:52.77	4.34	8.04
T2029.0	N53:18.62	W126:00.00	N53:18.81	W125:52.39	4.57	8.47
T2030.0	N53:18.76	W126:00.00	N53:18.96	W125:52.00	4.80	8.89
T2031.0	N53:18.89	W126:00.00	N53:19.10	W125:51.62	5.03	9.32
T2032.0	N53:19.03	W126:00.00	N53:19.24	W125:51.23	5.26	9.75
T2033.0	N53:19.16	W126:00.00	N53:19.39	W125:50.85	5.50	10.18
T2034.0	N53:19.30	W126:00.00	N53:19.53	W125:50.46	5.73	10.61
T2035.0	N53:19.43	W126:00.00	N53:19.68	W125:50.07	5.96	11.03
T2036.0	N53:19.57	W126:00.00	N53:19.82	W125:49.69	6.19	11.46
T2037.0	N53:19.70	W126:00.00	N53:20.03	W125:46.44	8.14	15.07
T2038.0	N53:19.84	W126:00.00	N53:20.19	W125:45.33	8.80	16.30
T2039.0	N53:19.97	W126:00.00	N53:20.34	W125:44.87	9.08	16.82
T2040.0	N53:20.11	W126:00.00	N53:20.48	W125:44.41	9.36	17.33
T2041.0	N53:20.24	W126:00.00	N53:20.63	W125:43.95	9.63	17.84
T2042.0	N53:20.38	W126:00.00	N53:20.77	W125:43.48	9.91	18.35
T2043.0	N53:20.51	W126:00.00	N53:20.92	W125:43.02	10.18	18.86
T2044.0	N53:20.65	W126:00.00	N53:21.07	W125:42.56	10.46	19.37
T2045.0	N53:20.78	W126:00.00	N53:21.21	W125:42.10	10.74	19.89
T2046.0	N53:20.92	W126:00.00	N53:21.61	W125:30.04	17.97	33.28
T2047.0	N53:21.05	W126:00.00	N53:21.74	W125:30.04	17.97	33.28
T2048.0	N53:21.19	W126:00.00	N53:21.88	W125:30.03	17.97	33.28

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2049.0	N53:21.32	W126:00.00	N53:22.01	W125:30.03	17.97	33.28
T2050.0	N53:21.46	W126:00.00	N53:22.15	W125:30.03	17.97	33.27
T2051.0	N53:21.59	W126:00.00	N53:22.28	W125:30.03	17.97	33.27
T2052.0	N53:21.73	W126:00.00	N53:22.42	W125:30.03	17.96	33.27
T2053.0	N53:21.86	W126:00.00	N53:22.55	W125:30.03	17.96	33.27
T2054.0	N53:22.00	W126:00.00	N53:22.69	W125:30.03	17.96	33.27
T2055.0	N53:22.13	W126:00.00	N53:22.82	W125:30.03	17.96	33.27
T2056.0	N53:22.27	W126:00.00	N53:22.96	W125:30.03	17.96	33.26
T2057.0	N53:22.40	W126:00.00	N53:23.09	W125:30.03	17.96	33.26
T2058.0	N53:22.54	W126:00.00	N53:23.23	W125:30.03	17.96	33.26
T2059.0	N53:22.67	W126:00.00	N53:23.36	W125:30.03	17.96	33.26
T2060.0	N53:22.81	W126:00.00	N53:23.50	W125:30.03	17.96	33.26
T2061.0	N53:22.94	W126:00.00	N53:23.63	W125:30.03	17.96	33.26
T2062.0	N53:23.08	W126:00.00	N53:23.77	W125:30.03	17.96	33.25
T2063.0	N53:23.21	W126:00.00	N53:23.90	W125:30.03	17.96	33.25
T2064.0	N53:23.35	W126:00.00	N53:24.04	W125:30.03	17.95	33.25
T2065.0	N53:23.48	W126:00.00	N53:24.17	W125:30.03	17.95	33.25
T2066.0	N53:23.62	W126:00.00	N53:24.31	W125:30.03	17.95	33.25
T2067.0	N53:23.75	W126:00.00	N53:24.44	W125:30.03	17.95	33.25
T2068.0	N53:23.89	W126:00.00	N53:24.58	W125:30.03	17.95	33.24
T2069.0	N53:24.02	W126:00.00	N53:24.71	W125:30.03	17.95	33.24
T2070.0	N53:24.16	W126:00.00	N53:24.85	W125:30.03	17.95	33.24
T2071.0	N53:24.29	W126:00.00	N53:24.98	W125:30.03	17.95	33.24
T2072.0	N53:24.43	W126:00.00	N53:25.12	W125:30.03	17.95	33.24
T2073.0	N53:24.56	W126:00.00	N53:25.25	W125:30.03	17.95	33.24
T2074.0	N53:24.69	W126:00.00	N53:25.39	W125:30.03	17.95	33.24
T2075.0	N53:24.83	W126:00.00	N53:25.52	W125:30.03	17.94	33.23
T2076.0	N53:24.96	W126:00.00	N53:25.66	W125:30.03	17.94	33.23
T2077.0	N53:25.10	W126:00.00	N53:25.79	W125:30.03	17.94	33.23
T2078.0	N53:25.23	W126:00.00	N53:25.92	W125:30.03	17.94	33.23
T2079.0	N53:25.37	W126:00.00	N53:26.06	W125:30.03	17.94	33.23
T2080.0	N53:25.50	W126:00.00	N53:26.19	W125:30.03	17.94	33.23
T2081.0	N53:25.64	W126:00.00	N53:26.33	W125:30.03	17.94	33.22
T2082.0	N53:25.77	W126:00.00	N53:26.46	W125:30.03	17.94	33.22
T2083.0	N53:25.91	W126:00.00	N53:26.60	W125:30.03	17.94	33.22
T2084.0	N53:26.04	W126:00.00	N53:26.73	W125:30.03	17.94	33.22
T2085.0	N53:26.18	W126:00.00	N53:26.87	W125:30.03	17.94	33.22

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2086.0	N53:26.31	W126:00.00	N53:27.00	W125:30.03	17.94	33.22
T2087.0	N53:26.45	W126:00.00	N53:27.14	W125:30.03	17.93	33.21
T2088.0	N53:26.58	W126:00.00	N53:27.27	W125:30.03	17.93	33.21
T2089.0	N53:26.72	W126:00.00	N53:27.41	W125:30.03	17.93	33.21
T2090.0	N53:26.85	W126:00.00	N53:27.54	W125:30.03	17.93	33.21
T2091.0	N53:26.99	W126:00.00	N53:27.68	W125:30.03	17.93	33.21
T2092.0	N53:27.12	W126:00.00	N53:27.81	W125:30.03	17.93	33.21
T2093.0	N53:27.26	W126:00.00	N53:27.95	W125:30.03	17.93	33.21
T2094.0	N53:27.39	W126:00.00	N53:28.08	W125:30.03	17.93	33.20
T2095.0	N53:27.53	W126:00.00	N53:28.22	W125:30.03	17.93	33.20
T2096.0	N53:27.66	W126:00.00	N53:28.35	W125:30.03	17.93	33.20
T2097.0	N53:27.80	W126:00.00	N53:28.49	W125:30.03	17.93	33.20
T2098.0	N53:27.93	W126:00.00	N53:28.62	W125:30.03	17.93	33.20
T2099.0	N53:28.07	W126:00.00	N53:28.76	W125:30.03	17.92	33.20
T2100.0	N53:28.20	W126:00.00	N53:28.89	W125:30.03	17.92	33.19
T2101.0	N53:28.34	W126:00.00	N53:29.03	W125:30.03	17.92	33.19
T2102.0	N53:28.47	W126:00.00	N53:29.16	W125:30.03	17.92	33.19
T2103.0	N53:28.61	W126:00.00	N53:29.30	W125:30.03	17.92	33.19
T2104.0	N53:28.74	W126:00.00	N53:29.43	W125:30.03	17.92	33.19
T2105.0	N53:28.88	W126:00.00	N53:29.57	W125:30.03	17.92	33.19
T2106.0	N53:29.01	W126:00.00	N53:29.70	W125:30.03	17.92	33.18
T2107.0	N53:29.15	W126:00.00	N53:29.84	W125:30.03	17.92	33.18
T2108.0	N53:29.28	W126:00.00	N53:29.97	W125:30.03	17.92	33.18
T2109.0	N53:29.42	W126:00.00	N53:30.11	W125:30.03	17.92	33.18
T2110.0	N53:29.55	W126:00.00	N53:30.24	W125:30.03	17.91	33.18
T2111.0	N53:29.69	W126:00.00	N53:30.38	W125:30.03	17.91	33.18
T2112.0	N53:29.82	W126:00.00	N53:30.51	W125:30.03	17.91	33.17
T2113.0	N53:29.96	W126:00.00	N53:30.65	W125:30.03	17.91	33.17
T2114.0	N53:30.09	W126:00.00	N53:30.78	W125:30.03	17.91	33.17
T2115.0	N53:30.23	W126:00.00	N53:30.92	W125:30.03	17.91	33.17
T2116.0	N53:30.36	W126:00.00	N53:31.05	W125:30.03	17.91	33.17
T2117.0	N53:30.49	W126:00.00	N53:31.18	W125:30.03	17.91	33.17
T2118.0	N53:30.63	W126:00.00	N53:31.32	W125:30.03	17.91	33.16
T2119.0	N53:30.76	W126:00.00	N53:31.45	W125:30.02	17.91	33.16
T2120.0	N53:30.90	W126:00.00	N53:31.59	W125:30.02	17.91	33.16
T2121.0	N53:31.03	W126:00.00	N53:31.72	W125:30.02	17.90	33.16
T2122.0	N53:31.17	W126:00.00	N53:31.86	W125:30.02	17.90	33.16

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2123.0	N53:31.30	W126:00.00	N53:31.99	W125:30.02	17.90	33.16
T2124.0	N53:31.44	W126:00.00	N53:32.13	W125:30.02	17.90	33.15
T2125.0	N53:31.57	W126:00.00	N53:32.26	W125:30.02	17.90	33.15
T2126.0	N53:31.71	W126:00.00	N53:32.40	W125:30.02	17.90	33.15
T2127.0	N53:31.84	W126:00.00	N53:32.53	W125:30.02	17.90	33.15
T2128.0	N53:31.98	W126:00.00	N53:32.67	W125:30.02	17.90	33.15
T2129.0	N53:32.11	W126:00.00	N53:32.80	W125:30.02	17.90	33.15
T2130.0	N53:32.25	W126:00.00	N53:32.94	W125:30.02	17.90	33.15
T2131.0	N53:32.38	W126:00.00	N53:33.07	W125:30.02	17.90	33.14
T2132.0	N53:32.52	W126:00.00	N53:33.21	W125:30.02	17.90	33.14
T2133.0	N53:32.65	W126:00.00	N53:33.34	W125:30.02	17.89	33.14
T2134.0	N53:32.79	W126:00.00	N53:33.48	W125:30.02	17.89	33.14
T2135.0	N53:32.92	W126:00.00	N53:33.61	W125:30.02	17.89	33.14
T2136.0	N53:33.06	W126:00.00	N53:33.75	W125:30.02	17.89	33.14
T2137.0	N53:33.19	W126:00.00	N53:33.88	W125:30.02	17.89	33.13
T2138.0	N53:33.33	W126:00.00	N53:34.02	W125:30.02	17.89	33.13
T2139.0	N53:33.46	W126:00.00	N53:34.15	W125:30.02	17.89	33.13
T2140.0	N53:33.60	W126:00.00	N53:34.29	W125:30.02	17.89	33.13
T2141.0	N53:33.73	W126:00.00	N53:34.42	W125:30.02	17.89	33.13
T2142.0	N53:33.87	W126:00.00	N53:34.56	W125:30.02	17.89	33.13
T2143.0	N53:34.00	W126:00.00	N53:34.69	W125:30.02	17.89	33.12
T2144.0	N53:34.14	W126:00.00	N53:34.83	W125:30.02	17.88	33.12
T2145.0	N53:34.27	W126:00.00	N53:34.96	W125:30.02	17.88	33.12
T2146.0	N53:34.41	W126:00.00	N53:35.10	W125:30.02	17.88	33.12
T2147.0	N53:34.54	W126:00.00	N53:35.23	W125:30.02	17.88	33.12
T2148.0	N53:34.68	W126:00.00	N53:35.37	W125:30.02	17.88	33.12
T2149.0	N53:34.81	W126:00.00	N53:35.50	W125:30.02	17.88	33.11
T2150.0	N53:34.95	W126:00.00	N53:35.64	W125:30.02	17.88	33.11
T2151.0	N53:35.08	W126:00.00	N53:35.77	W125:30.02	17.88	33.11
T2152.0	N53:35.22	W126:00.00	N53:35.91	W125:30.02	17.88	33.11
T2153.0	N53:35.35	W126:00.00	N53:36.04	W125:30.02	17.88	33.11
T2154.0	N53:35.49	W126:00.00	N53:36.18	W125:30.02	17.88	33.11
T2155.0	N53:35.62	W126:00.00	N53:36.31	W125:30.02	17.88	33.10
T2156.0	N53:35.76	W126:00.00	N53:36.44	W125:30.02	17.87	33.10
T2157.0	N53:35.89	W126:00.00	N53:36.58	W125:30.02	17.87	33.10
T2158.0	N53:36.03	W126:00.00	N53:36.71	W125:30.02	17.87	33.10
T2159.0	N53:36.16	W126:00.00	N53:36.85	W125:30.02	17.87	33.10

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2160.0	N53:36.29	W126:00.00	N53:36.98	W125:30.02	17.87	33.10
T2161.0	N53:36.43	W126:00.00	N53:37.12	W125:30.02	17.87	33.09
T2162.0	N53:36.56	W126:00.00	N53:37.25	W125:30.02	17.87	33.09
T2163.0	N53:36.70	W126:00.00	N53:37.39	W125:30.02	17.87	33.09
T2164.0	N53:36.83	W126:00.00	N53:37.52	W125:30.02	17.87	33.09
T2165.0	N53:36.97	W126:00.00	N53:37.66	W125:30.02	17.87	33.09
T2166.0	N53:37.10	W126:00.00	N53:37.79	W125:30.02	17.87	33.09
T2167.0	N53:37.24	W126:00.00	N53:37.93	W125:30.02	17.86	33.08
T2168.0	N53:37.37	W126:00.00	N53:38.06	W125:30.02	17.86	33.08
T2169.0	N53:37.51	W126:00.00	N53:38.20	W125:30.02	17.86	33.08
T2170.0	N53:37.64	W126:00.00	N53:38.33	W125:30.02	17.86	33.08
T2171.0	N53:37.78	W126:00.00	N53:38.47	W125:30.02	17.86	33.08
T2172.0	N53:37.91	W126:00.00	N53:38.60	W125:30.02	17.86	33.08
T2173.0	N53:38.05	W126:00.00	N53:38.74	W125:30.02	17.86	33.08
T2174.0	N53:38.18	W126:00.00	N53:38.87	W125:30.02	17.86	33.07
T2175.0	N53:38.32	W126:00.00	N53:39.01	W125:30.02	17.86	33.07
T2176.0	N53:38.45	W126:00.00	N53:39.14	W125:30.02	17.86	33.07
T2177.0	N53:38.59	W126:00.00	N53:39.28	W125:30.02	17.86	33.07
T2178.0	N53:38.72	W126:00.00	N53:39.41	W125:30.02	17.85	33.07
T2179.0	N53:38.86	W126:00.00	N53:39.55	W125:30.02	17.85	33.07
T2180.0	N53:38.99	W126:00.00	N53:39.68	W125:30.02	17.85	33.06
T2181.0	N53:39.13	W126:00.00	N53:39.82	W125:30.02	17.85	33.06
T2182.0	N53:39.26	W126:00.00	N53:39.95	W125:30.02	17.85	33.06
T2183.0	N53:39.40	W126:00.00	N53:40.09	W125:30.02	17.85	33.06
T2184.0	N53:39.53	W126:00.00	N53:40.22	W125:30.02	17.85	33.06
T2185.0	N53:39.67	W126:00.00	N53:40.36	W125:30.02	17.85	33.06
T2186.0	N53:39.80	W126:00.00	N53:40.49	W125:30.02	17.85	33.05
T2187.0	N53:39.94	W126:00.00	N53:40.63	W125:30.02	17.85	33.05
T2188.0	N53:40.07	W126:00.00	N53:40.76	W125:30.02	17.85	33.05
T2189.0	N53:40.21	W126:00.00	N53:40.90	W125:30.02	17.85	33.05
T2190.0	N53:40.34	W126:00.00	N53:41.03	W125:30.02	17.84	33.05
T2191.0	N53:40.48	W126:00.00	N53:41.17	W125:30.02	17.84	33.05
T2192.0	N53:40.61	W126:00.00	N53:41.30	W125:30.02	17.84	33.04
T2193.0	N53:40.75	W126:00.00	N53:41.43	W125:30.02	17.84	33.04
T2194.0	N53:40.88	W126:00.00	N53:41.57	W125:30.02	17.84	33.04
T2195.0	N53:41.02	W126:00.00	N53:41.70	W125:30.02	17.84	33.04
T2196.0	N53:41.15	W126:00.00	N53:41.84	W125:30.02	17.84	33.04

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2197.0	N53:41.29	W126:00.00	N53:41.97	W125:30.02	17.84	33.04
T2198.0	N53:41.42	W126:00.00	N53:42.11	W125:30.02	17.84	33.03
T2199.0	N53:41.56	W126:00.00	N53:42.24	W125:30.01	17.84	33.03
T2200.0	N53:41.69	W126:00.00	N53:42.38	W125:30.01	17.84	33.03
T2201.0	N53:41.83	W126:00.00	N53:42.51	W125:30.01	17.83	33.03
T2202.0	N53:41.96	W126:00.00	N53:42.65	W125:30.01	17.83	33.03
T2203.0	N53:42.09	W126:00.00	N53:42.78	W125:30.01	17.83	33.03
T2204.0	N53:42.23	W126:00.00	N53:42.92	W125:30.01	17.83	33.02
T2205.0	N53:42.36	W126:00.00	N53:43.05	W125:30.01	17.83	33.02
T2206.0	N53:42.50	W126:00.00	N53:43.19	W125:30.01	17.83	33.02
T2207.0	N53:42.63	W126:00.00	N53:43.32	W125:30.01	17.83	33.02
T2208.0	N53:42.77	W126:00.00	N53:43.46	W125:30.01	17.83	33.02
T2209.0	N53:42.90	W126:00.00	N53:43.59	W125:30.01	17.83	33.02
T2210.0	N53:43.04	W126:00.00	N53:43.73	W125:30.01	17.83	33.01
T2211.0	N53:43.17	W126:00.00	N53:43.86	W125:30.01	17.83	33.01
T2212.0	N53:43.31	W126:00.00	N53:44.00	W125:30.01	17.82	33.01
T2213.0	N53:43.44	W126:00.00	N53:44.13	W125:30.01	17.82	33.01
T2214.0	N53:43.58	W126:00.00	N53:44.27	W125:30.01	17.82	33.01
T2215.0	N53:43.71	W126:00.00	N53:44.40	W125:30.01	17.82	33.01
T2216.0	N53:43.85	W126:00.00	N53:44.54	W125:30.01	17.82	33.00
T2217.0	N53:43.98	W126:00.00	N53:44.67	W125:30.01	17.82	33.00
T2218.0	N53:44.12	W126:00.00	N53:44.81	W125:30.01	17.82	33.00
T2219.0	N53:44.25	W126:00.00	N53:44.94	W125:30.01	17.82	33.00
T2220.0	N53:44.39	W126:00.00	N53:45.08	W125:30.01	17.82	33.00
T2221.0	N53:44.52	W126:00.00	N53:45.21	W125:30.01	17.82	33.00
T2222.0	N53:44.66	W126:00.00	N53:45.35	W125:30.01	17.82	33.00
T2223.0	N53:44.79	W126:00.00	N53:45.48	W125:30.01	17.82	32.99
T2224.0	N53:44.93	W126:00.00	N53:45.62	W125:30.01	17.81	32.99
T2225.0	N53:45.06	W126:00.00	N53:45.75	W125:30.01	17.81	32.99
T2226.0	N53:45.20	W126:00.00	N53:45.89	W125:30.01	17.81	32.99
T2227.0	N53:45.33	W126:00.00	N53:46.02	W125:30.01	17.81	32.99
T2228.0	N53:45.47	W126:00.00	N53:46.16	W125:30.01	17.81	32.99
T2229.0	N53:45.60	W126:00.00	N53:46.29	W125:30.01	17.81	32.98
T2230.0	N53:45.74	W126:00.00	N53:46.42	W125:30.01	17.81	32.98
T2231.0	N53:45.87	W126:00.00	N53:46.56	W125:30.01	17.81	32.98
T2232.0	N53:46.01	W126:00.00	N53:46.69	W125:30.01	17.81	32.98
T2233.0	N53:46.14	W126:00.00	N53:46.83	W125:30.01	17.81	32.98

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2234.0	N53:46.28	W126:00.00	N53:46.96	W125:30.01	17.81	32.98
T2235.0	N53:46.41	W126:00.00	N53:47.10	W125:30.01	17.80	32.97
T2236.0	N53:46.55	W126:00.00	N53:47.23	W125:30.01	17.80	32.97
T2237.0	N53:46.68	W126:00.00	N53:47.37	W125:30.01	17.80	32.97
T2238.0	N53:46.82	W126:00.00	N53:47.50	W125:30.01	17.80	32.97
T2239.0	N53:46.95	W126:00.00	N53:47.64	W125:30.01	17.80	32.97
T2240.0	N53:47.09	W126:00.00	N53:47.77	W125:30.01	17.80	32.97
T2241.0	N53:47.22	W126:00.00	N53:47.91	W125:30.01	17.80	32.96
T2242.0	N53:47.36	W126:00.00	N53:48.04	W125:30.01	17.80	32.96
T2243.0	N53:47.49	W126:00.00	N53:48.18	W125:30.01	17.80	32.96
T2244.0	N53:47.62	W126:00.00	N53:48.31	W125:30.01	17.80	32.96
T2245.0	N53:47.76	W126:00.00	N53:48.45	W125:30.01	17.80	32.96
T2246.0	N53:47.89	W126:00.00	N53:48.58	W125:30.01	17.79	32.96
T2247.0	N53:48.03	W126:00.00	N53:48.72	W125:30.01	17.79	32.95
T2248.0	N53:48.16	W126:00.00	N53:48.85	W125:30.01	17.79	32.95
T2249.0	N53:48.30	W126:00.00	N53:48.99	W125:30.01	17.79	32.95
T2250.0	N53:48.43	W126:00.00	N53:49.12	W125:30.01	17.79	32.95
T2251.0	N53:48.57	W126:00.00	N53:49.26	W125:30.01	17.79	32.95
T2252.0	N53:48.70	W126:00.00	N53:49.39	W125:30.01	17.79	32.95
T2253.0	N53:48.84	W126:00.00	N53:49.53	W125:30.01	17.79	32.94
T2254.0	N53:48.97	W126:00.00	N53:49.66	W125:30.01	17.79	32.94
T2255.0	N53:49.11	W126:00.00	N53:49.80	W125:30.01	17.79	32.94
T2256.0	N53:49.24	W126:00.00	N53:49.93	W125:30.01	17.79	32.94
T2257.0	N53:49.38	W126:00.00	N53:50.07	W125:30.01	17.78	32.94
T2258.0	N53:49.51	W126:00.00	N53:50.20	W125:30.01	17.78	32.94
T2259.0	N53:49.65	W126:00.00	N53:50.34	W125:30.01	17.78	32.93
T2260.0	N53:49.78	W126:00.00	N53:50.47	W125:30.01	17.78	32.93
T2261.0	N53:49.92	W126:00.00	N53:50.61	W125:30.01	17.78	32.93
T2262.0	N53:50.05	W126:00.00	N53:50.74	W125:30.01	17.78	32.93
T2263.0	N53:50.19	W126:00.00	N53:50.88	W125:30.01	17.78	32.93
T2264.0	N53:50.32	W126:00.00	N53:51.01	W125:30.01	17.78	32.93
T2265.0	N53:50.46	W126:00.00	N53:51.15	W125:30.01	17.78	32.92
T2266.0	N53:50.59	W126:00.00	N53:51.28	W125:30.01	17.78	32.92
T2267.0	N53:50.73	W126:00.00	N53:51.41	W125:30.01	17.78	32.92
T2268.0	N53:50.86	W126:00.00	N53:51.55	W125:30.01	17.77	32.92
T2269.0	N53:51.00	W126:00.00	N53:51.68	W125:30.01	17.77	32.92
T2270.0	N53:51.13	W126:00.00	N53:51.82	W125:30.01	17.77	32.92

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2271.0	N53:51.27	W126:00.00	N53:51.95	W125:30.01	17.77	32.91
T2272.0	N53:51.40	W126:00.00	N53:52.09	W125:30.01	17.77	32.91
T2273.0	N53:51.54	W126:00.00	N53:52.22	W125:30.01	17.77	32.91
T2274.0	N53:51.67	W126:00.00	N53:52.36	W125:30.01	17.77	32.91
T2275.0	N53:51.81	W126:00.00	N53:52.49	W125:30.01	17.77	32.91
T2276.0	N53:51.94	W126:00.00	N53:52.63	W125:30.01	17.77	32.91
T2277.0	N53:52.08	W126:00.00	N53:52.76	W125:30.01	17.77	32.90
T2278.0	N53:52.21	W126:00.00	N53:52.90	W125:30.01	17.77	32.90
T2279.0	N53:52.35	W126:00.00	N53:53.03	W125:30.01	17.77	32.90
T2280.0	N53:52.48	W126:00.00	N53:53.17	W125:30.01	17.76	32.90
T2281.0	N53:52.62	W126:00.00	N53:53.30	W125:30.01	17.76	32.90
T2282.0	N53:52.75	W126:00.00	N53:53.44	W125:30.01	17.76	32.90
T2283.0	N53:52.89	W126:00.00	N53:53.57	W125:30.01	17.76	32.89
T2284.0	N53:53.02	W126:00.00	N53:53.71	W125:30.01	17.76	32.89
T2285.0	N53:53.15	W126:00.00	N53:53.84	W125:30.01	17.76	32.89
T2286.0	N53:53.29	W126:00.00	N53:53.98	W125:30.01	17.76	32.89
T2287.0	N53:53.42	W126:00.00	N53:54.11	W125:30.01	17.76	32.89
T2288.0	N53:53.56	W126:00.00	N53:54.25	W125:30.01	17.76	32.89
T2289.0	N53:53.69	W126:00.00	N53:54.38	W125:30.01	17.76	32.88
T2290.0	N53:53.83	W126:00.00	N53:54.52	W125:30.01	17.76	32.88
T2291.0	N53:53.96	W126:00.00	N53:54.65	W125:30.01	17.75	32.88
T2292.0	N53:54.10	W126:00.00	N53:54.79	W125:30.01	17.75	32.88
T2293.0	N53:54.23	W126:00.00	N53:54.92	W125:30.01	17.75	32.88
T2294.0	N53:54.37	W126:00.00	N53:55.06	W125:30.00	17.75	32.88
T2295.0	N53:54.50	W126:00.00	N53:55.19	W125:30.00	17.75	32.87
T2296.0	N53:54.64	W126:00.00	N53:55.33	W125:30.00	17.75	32.87
T2297.0	N53:54.77	W126:00.00	N53:55.46	W125:30.00	17.75	32.87
T2298.0	N53:54.91	W126:00.00	N53:55.60	W125:30.00	17.75	32.87
T2299.0	N53:55.04	W126:00.00	N53:55.73	W125:30.00	17.75	32.87
T2300.0	N53:55.18	W126:00.00	N53:55.87	W125:30.00	17.75	32.87
T2301.0	N53:55.31	W126:00.00	N53:56.00	W125:30.00	17.75	32.86
T2302.0	N53:55.45	W126:00.00	N53:56.14	W125:30.00	17.74	32.86
T2303.0	N53:55.58	W126:00.00	N53:56.27	W125:30.00	17.74	32.86
T2304.0	N53:55.72	W126:00.00	N53:56.40	W125:30.00	17.74	32.86
T2305.0	N53:55.85	W126:00.00	N53:56.54	W125:30.00	17.74	32.86
T2306.0	N53:55.99	W126:00.00	N53:56.67	W125:30.00	17.74	32.86
T2307.0	N53:56.12	W126:00.00	N53:56.81	W125:30.00	17.74	32.85

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2308.0	N53:56.26	W126:00.00	N53:56.94	W125:30.00	17.74	32.85
T2309.0	N53:56.39	W126:00.00	N53:57.08	W125:30.00	17.74	32.85
T2310.0	N53:56.53	W126:00.00	N53:57.21	W125:30.00	17.74	32.85
T2311.0	N53:56.66	W126:00.00	N53:57.35	W125:30.00	17.74	32.85
T2312.0	N53:56.80	W126:00.00	N53:57.48	W125:30.00	17.74	32.85
T2313.0	N53:56.93	W126:00.00	N53:57.62	W125:30.00	17.73	32.85
T2314.0	N53:57.07	W126:00.00	N53:57.75	W125:30.00	17.73	32.84
T2315.0	N53:57.20	W126:00.00	N53:57.89	W125:30.00	17.73	32.84
T2316.0	N53:57.34	W126:00.00	N53:58.02	W125:30.00	17.73	32.84
T2317.0	N53:57.47	W126:00.00	N53:58.16	W125:30.00	17.73	32.84
T2318.0	N53:57.61	W126:00.00	N53:58.29	W125:30.00	17.73	32.84
T2319.0	N53:57.74	W126:00.00	N53:58.43	W125:30.00	17.73	32.84
T2320.0	N53:57.88	W126:00.00	N53:58.56	W125:30.00	17.73	32.83
T2321.0	N53:58.01	W126:00.00	N53:58.70	W125:30.00	17.73	32.83
T2322.0	N53:58.15	W126:00.00	N53:58.83	W125:30.00	17.73	32.83
T2323.0	N53:58.28	W126:00.00	N53:58.97	W125:30.00	17.73	32.83
T2324.0	N53:58.42	W126:00.00	N53:59.10	W125:30.00	17.73	32.83
T2325.0	N53:58.55	W126:00.00	N53:59.24	W125:30.00	17.72	32.83
T2326.0	N53:58.68	W126:00.00	N53:59.37	W125:30.00	17.72	32.82
T2326.1	N53:59.96	W124:58.65	N54:00.48	W124:20.32	22.62	41.88
T2327.0	N53:58.82	W126:00.00	N54:00.62	W124:20.44	58.78	108.86
T2328.0	N53:58.95	W126:00.00	N54:00.75	W124:20.56	58.71	108.72
T2329.0	N53:59.09	W126:00.00	N54:00.89	W124:20.68	58.63	108.59
T2330.0	N53:59.22	W126:00.00	N54:01.02	W124:20.80	58.55	108.44
T2331.0	N53:59.36	W126:00.00	N54:01.15	W124:20.93	58.48	108.30
T2332.0	N53:59.49	W126:00.00	N54:01.29	W124:21.06	58.40	108.15
T2333.0	N53:59.63	W126:00.00	N54:01.42	W124:21.19	58.32	108.01
T2334.0	N53:59.76	W126:00.00	N54:01.55	W124:21.32	58.24	107.86
T2335.0	N53:59.90	W126:00.00	N54:01.69	W124:21.38	58.20	107.78
T2336.0	N54:00.03	W126:00.00	N54:01.82	W124:21.57	58.08	107.57
T2337.0	N54:00.17	W126:00.00	N54:01.95	W124:21.70	58.00	107.42
T2338.0	N54:00.30	W126:00.00	N54:02.09	W124:21.83	57.92	107.27
T2339.0	N54:00.44	W126:00.00	N54:02.22	W124:21.96	57.84	107.13
T2340.0	N54:00.57	W126:00.00	N54:02.35	W124:22.09	57.77	106.98
T2341.0	N54:00.71	W126:00.00	N54:02.49	W124:22.22	57.69	106.84
T2342.0	N54:00.84	W126:00.00	N54:02.62	W124:22.34	57.61	106.69
T2343.0	N54:00.98	W126:00.00	N54:02.75	W124:22.47	57.53	106.54

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2344.0	N54:01.11	W126:00.00	N54:02.89	W124:22.60	57.45	106.40
T2345.0	N54:01.25	W126:00.00	N54:03.02	W124:22.73	57.37	106.25
T2346.0	N54:01.38	W126:00.00	N54:03.15	W124:22.86	57.29	106.11
T2347.0	N54:01.52	W126:00.00	N54:03.29	W124:22.99	57.21	105.96
T2348.0	N54:01.65	W126:00.00	N54:03.42	W124:23.12	57.14	105.81
T2349.0	N54:01.79	W126:00.00	N54:03.55	W124:23.24	57.06	105.67
T2350.0	N54:01.92	W126:00.00	N54:03.69	W124:23.37	56.98	105.52
T2351.0	N54:02.06	W126:00.00	N54:03.82	W124:23.50	56.90	105.38
T2352.0	N54:02.19	W126:00.00	N54:03.95	W124:23.58	56.85	105.28
T2353.0	N54:02.33	W126:00.00	N54:04.09	W124:23.76	56.74	105.08
T2354.0	N54:02.46	W126:00.00	N54:04.22	W124:23.89	56.66	104.94
T2355.0	N54:02.60	W126:00.00	N54:04.35	W124:24.02	56.58	104.79
T2356.0	N54:02.73	W126:00.00	N54:04.49	W124:24.14	56.50	104.65
T2357.0	N54:02.87	W126:00.00	N54:04.62	W124:24.27	56.43	104.50
T2358.0	N54:03.00	W126:00.00	N54:04.75	W124:24.40	56.35	104.35
T2359.0	N54:03.14	W126:00.00	N54:04.89	W124:24.53	56.27	104.21
T2360.0	N54:03.27	W126:00.00	N54:05.02	W124:24.66	56.19	104.06
T2361.0	N54:03.41	W126:00.00	N54:05.15	W124:24.79	56.11	103.92
T2362.0	N54:03.54	W126:00.00	N54:05.29	W124:24.92	56.03	103.77
T2363.0	N54:03.68	W126:00.00	N54:05.42	W124:25.05	55.95	103.62
T2364.0	N54:03.81	W126:00.00	N54:05.55	W124:25.18	55.87	103.48
T2365.0	N54:03.94	W126:00.00	N54:05.69	W124:25.30	55.79	103.33
T2366.0	N54:04.08	W126:00.00	N54:05.82	W124:25.43	55.72	103.19
T2367.0	N54:04.21	W126:00.00	N54:05.95	W124:25.56	55.64	103.04
T2368.0	N54:04.35	W126:00.00	N54:06.09	W124:25.69	55.56	102.89
T2369.0	N54:04.48	W126:00.00	N54:06.22	W124:25.79	55.50	102.78
T2370.0	N54:04.62	W126:00.00	N54:06.35	W124:25.95	55.40	102.60
T2371.0	N54:04.75	W126:00.00	N54:06.49	W124:26.08	55.32	102.46
T2372.0	N54:04.89	W126:00.00	N54:06.62	W124:26.21	55.24	102.31
T2373.0	N54:05.02	W126:00.00	N54:06.75	W124:26.33	55.16	102.16
T2374.0	N54:05.16	W126:00.00	N54:06.89	W124:26.46	55.08	102.02
T2375.0	N54:05.29	W126:00.00	N54:07.02	W124:26.59	55.01	101.87
T2376.0	N54:05.43	W126:00.00	N54:07.15	W124:26.72	54.93	101.72
T2377.0	N54:05.56	W126:00.00	N54:07.29	W124:26.85	54.85	101.58
T2378.0	N54:05.70	W126:00.00	N54:07.42	W124:26.98	54.77	101.43
T2379.0	N54:05.83	W126:00.00	N54:07.55	W124:27.11	54.69	101.29
T2380.0	N54:05.97	W126:00.00	N54:07.69	W124:27.24	54.61	101.14

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2381.0	N54:06.10	W126:00.00	N54:07.82	W124:27.37	54.53	100.99
T2382.0	N54:06.24	W126:00.00	N54:07.95	W124:27.50	54.45	100.85
T2383.0	N54:06.37	W126:00.00	N54:08.09	W124:27.63	54.38	100.70
T2384.0	N54:06.51	W126:00.00	N54:08.22	W124:27.75	54.30	100.56
T2385.0	N54:06.64	W126:00.00	N54:08.35	W124:27.88	54.22	100.41
T2386.0	N54:06.78	W126:00.00	N54:08.49	W124:28.00	54.15	100.28
T2387.0	N54:06.91	W126:00.00	N54:08.62	W124:28.14	54.06	100.12
T2388.0	N54:07.05	W126:00.00	N54:08.75	W124:28.27	53.98	99.97
T2389.0	N54:07.18	W126:00.00	N54:08.88	W124:28.40	53.90	99.83
T2390.0	N54:07.32	W126:00.00	N54:09.02	W124:28.53	53.82	99.68
T2391.0	N54:07.45	W126:00.00	N54:09.15	W124:28.66	53.74	99.53
T2392.0	N54:07.59	W126:00.00	N54:09.28	W124:28.79	53.67	99.39
T2393.0	N54:07.72	W126:00.00	N54:09.42	W124:28.92	53.59	99.24
T2394.0	N54:07.86	W126:00.00	N54:09.55	W124:29.05	53.51	99.10
T2395.0	N54:07.99	W126:00.00	N54:09.68	W124:29.18	53.43	98.95
T2396.0	N54:08.13	W126:00.00	N54:09.82	W124:29.30	53.35	98.80
T2397.0	N54:08.26	W126:00.00	N54:09.95	W124:29.43	53.27	98.66
T2398.0	N54:08.40	W126:00.00	N54:10.08	W124:29.56	53.19	98.51
T2399.0	N54:08.53	W126:00.00	N54:10.22	W124:29.69	53.11	98.37
T2400.0	N54:08.67	W126:00.00	N54:10.35	W124:29.82	53.03	98.22
T2401.0	N54:08.80	W126:00.00	N54:10.48	W124:29.95	52.96	98.07
T2402.0	N54:08.94	W126:00.00	N54:10.62	W124:30.08	52.88	97.93
T2403.0	N54:09.07	W126:00.00	N54:10.75	W124:30.21	52.80	97.78
T2404.0	N54:09.21	W126:00.00	N54:10.88	W124:30.21	52.80	97.78
T2405.0	N54:09.34	W126:00.00	N54:11.02	W124:30.47	52.64	97.49
T2406.0	N54:09.47	W126:00.00	N54:11.15	W124:30.60	52.56	97.34
T2407.0	N54:09.61	W126:00.00	N54:11.28	W124:30.73	52.48	97.20
T2408.0	N54:09.74	W126:00.00	N54:11.42	W124:30.86	52.40	97.05
T2409.0	N54:09.88	W126:00.00	N54:11.55	W124:30.99	52.32	96.91
T2410.0	N54:10.01	W126:00.00	N54:11.68	W124:31.12	52.25	96.76
T2411.0	N54:10.15	W126:00.00	N54:11.82	W124:31.24	52.17	96.61
T2412.0	N54:10.28	W126:00.00	N54:11.95	W124:31.37	52.09	96.47
T2413.0	N54:10.42	W126:00.00	N54:12.08	W124:31.50	52.01	96.32
T2414.0	N54:10.55	W126:00.00	N54:12.22	W124:31.63	51.93	96.17
T2415.0	N54:10.69	W126:00.00	N54:12.35	W124:31.76	51.85	96.03
T2416.0	N54:10.82	W126:00.00	N54:12.48	W124:31.89	51.77	95.88
T2417.0	N54:10.96	W126:00.00	N54:12.61	W124:32.02	51.69	95.74

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2418.0	N54:11.09	W126:00.00	N54:12.75	W124:32.15	51.61	95.59
T2419.0	N54:11.23	W126:00.00	N54:12.88	W124:32.28	51.54	95.44
T2420.0	N54:11.36	W126:00.00	N54:13.01	W124:32.41	51.46	95.30
T2421.0	N54:11.50	W126:00.00	N54:13.15	W124:32.43	51.44	95.28
T2422.0	N54:11.63	W126:00.00	N54:13.28	W124:32.67	51.30	95.01
T2423.0	N54:11.77	W126:00.00	N54:13.41	W124:32.80	51.22	94.86
T2424.0	N54:11.90	W126:00.00	N54:13.55	W124:32.93	51.14	94.71
T2425.0	N54:12.04	W126:00.00	N54:13.68	W124:33.06	51.06	94.57
T2426.0	N54:12.17	W126:00.00	N54:13.81	W124:33.19	50.98	94.42
T2427.0	N54:12.31	W126:00.00	N54:13.95	W124:33.32	50.90	94.28
T2428.0	N54:12.44	W126:00.00	N54:14.08	W124:33.45	50.83	94.13
T2429.0	N54:12.58	W126:00.00	N54:14.21	W124:33.58	50.75	93.98
T2430.0	N54:12.71	W126:00.00	N54:14.35	W124:33.71	50.67	93.84
T2431.0	N54:12.85	W126:00.00	N54:14.48	W124:33.84	50.59	93.69
T2432.0	N54:12.98	W126:00.00	N54:14.61	W124:33.97	50.51	93.55
T2433.0	N54:13.12	W126:00.00	N54:14.75	W124:34.10	50.43	93.40
T2434.0	N54:13.25	W126:00.00	N54:14.88	W124:34.23	50.35	93.25
T2435.0	N54:13.39	W126:00.00	N54:15.01	W124:34.36	50.27	93.11
T2436.0	N54:13.52	W126:00.00	N54:15.14	W124:34.49	50.19	92.96
T2437.0	N54:13.66	W126:00.00	N54:15.28	W124:34.62	50.12	92.81
T2438.0	N54:13.79	W126:00.00	N54:15.41	W124:34.65	50.09	92.77
T2439.0	N54:13.93	W126:00.00	N54:15.54	W124:34.88	49.96	92.52
T2440.0	N54:14.06	W126:00.00	N54:15.68	W124:35.01	49.88	92.38
T2441.0	N54:14.20	W126:00.00	N54:15.81	W124:35.14	49.80	92.23
T2442.0	N54:14.33	W126:00.00	N54:15.94	W124:35.27	49.72	92.08
T2443.0	N54:14.47	W126:00.00	N54:16.08	W124:35.40	49.64	91.94
T2444.0	N54:14.60	W126:00.00	N54:16.21	W124:35.53	49.56	91.79
T2445.0	N54:14.73	W126:00.00	N54:16.34	W124:35.66	49.48	91.65
T2446.0	N54:14.87	W126:00.00	N54:16.48	W124:35.79	49.41	91.50
T2447.0	N54:15.00	W126:00.00	N54:16.61	W124:35.92	49.33	91.35
T2448.0	N54:15.14	W126:00.00	N54:16.74	W124:36.05	49.25	91.21
T2449.0	N54:15.27	W126:00.00	N54:16.88	W124:36.18	49.17	91.06
T2450.0	N54:15.41	W126:00.00	N54:17.01	W124:36.31	49.09	90.92
T2451.0	N54:15.54	W126:00.00	N54:17.14	W124:36.44	49.01	90.77
T2452.0	N54:15.68	W126:00.00	N54:17.27	W124:36.57	48.93	90.62
T2453.0	N54:15.81	W126:00.00	N54:17.41	W124:36.70	48.85	90.48
T2454.0	N54:15.95	W126:00.00	N54:17.54	W124:36.83	48.78	90.33

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2455.0	N54:16.08	W126:00.00	N54:17.67	W124:36.88	48.74	90.27
T2456.0	N54:16.22	W126:00.00	N54:17.81	W124:37.09	48.62	90.04
T2457.0	N54:16.35	W126:00.00	N54:17.94	W124:37.22	48.54	89.89
T2458.0	N54:16.49	W126:00.00	N54:18.07	W124:37.35	48.46	89.75
T2459.0	N54:16.62	W126:00.00	N54:18.21	W124:37.48	48.38	89.60
T2460.0	N54:16.76	W126:00.00	N54:18.34	W124:37.61	48.30	89.45
T2461.0	N54:16.89	W126:00.00	N54:18.47	W124:37.74	48.22	89.31
T2462.0	N54:17.03	W126:00.00	N54:18.61	W124:37.87	48.14	89.16
T2463.0	N54:17.16	W126:00.00	N54:18.74	W124:38.00	48.07	89.02
T2464.0	N54:17.30	W126:00.00	N54:18.87	W124:38.13	47.99	88.87
T2465.0	N54:17.43	W126:00.00	N54:19.00	W124:38.26	47.91	88.72
T2466.0	N54:17.57	W126:00.00	N54:19.14	W124:38.39	47.83	88.58
T2467.0	N54:17.70	W126:00.00	N54:19.27	W124:38.52	47.75	88.43
T2468.0	N54:17.84	W126:00.00	N54:19.40	W124:38.65	47.67	88.29
T2469.0	N54:17.97	W126:00.00	N54:19.54	W124:38.78	47.59	88.14
T2470.0	N54:18.11	W126:00.00	N54:19.67	W124:38.91	47.51	87.99
T2471.0	N54:18.24	W126:00.00	N54:19.80	W124:39.04	47.43	87.85
T2472.0	N54:18.38	W126:00.00	N54:19.94	W124:39.11	47.39	87.77
T2473.0	N54:18.51	W126:00.00	N54:20.07	W124:39.30	47.28	87.56
T2474.0	N54:18.65	W126:00.00	N54:20.20	W124:39.43	47.20	87.41
T2475.0	N54:18.78	W126:00.00	N54:20.33	W124:39.56	47.12	87.26
T2476.0	N54:18.92	W126:00.00	N54:20.47	W124:39.69	47.04	87.12
T2477.0	N54:19.05	W126:00.00	N54:20.60	W124:39.82	46.96	86.97
T2478.0	N54:19.19	W126:00.00	N54:20.73	W124:39.95	46.88	86.83
T2479.0	N54:19.32	W126:00.00	N54:20.87	W124:40.08	46.80	86.68
T2480.0	N54:19.46	W126:00.00	N54:21.00	W124:40.21	46.72	86.53
T2481.0	N54:19.59	W126:00.00	N54:21.13	W124:40.34	46.65	86.39
T2482.0	N54:19.73	W126:00.00	N54:21.27	W124:40.47	46.57	86.24
T2483.0	N54:19.86	W126:00.00	N54:21.40	W124:40.60	46.49	86.10
T2484.0	N54:19.99	W126:00.00	N54:21.53	W124:40.73	46.41	85.95
T2485.0	N54:20.13	W126:00.00	N54:21.67	W124:40.86	46.33	85.80
T2486.0	N54:20.26	W126:00.00	N54:21.80	W124:40.99	46.25	85.66
T2487.0	N54:20.40	W126:00.00	N54:21.93	W124:41.13	46.17	85.51
T2488.0	N54:20.53	W126:00.00	N54:22.06	W124:41.26	46.09	85.36
T2489.0	N54:20.67	W126:00.00	N54:22.20	W124:41.34	46.04	85.27
T2490.0	N54:20.80	W126:00.00	N54:22.33	W124:41.52	45.94	85.07
T2491.0	N54:20.94	W126:00.00	N54:22.46	W124:41.65	45.86	84.93

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2492.0	N54:21.07	W126:00.00	N54:22.60	W124:41.78	45.78	84.78
T2493.0	N54:21.21	W126:00.00	N54:22.73	W124:41.91	45.70	84.63
T2494.0	N54:21.34	W126:00.00	N54:22.86	W124:42.04	45.62	84.49
T2495.0	N54:21.48	W126:00.00	N54:23.00	W124:42.17	45.54	84.34
T2496.0	N54:21.61	W126:00.00	N54:23.13	W124:42.30	45.46	84.20
T2497.0	N54:21.75	W126:00.00	N54:23.26	W124:42.43	45.38	84.05
T2498.0	N54:21.88	W126:00.00	N54:23.39	W124:42.56	45.30	83.90
T2499.0	N54:22.02	W126:00.00	N54:23.53	W124:42.69	45.23	83.76
T2500.0	N54:22.15	W126:00.00	N54:23.66	W124:42.82	45.15	83.61
T2501.0	N54:22.29	W126:00.00	N54:23.79	W124:42.95	45.07	83.47
T2502.0	N54:22.42	W126:00.00	N54:23.93	W124:43.09	44.99	83.32
T2503.0	N54:22.56	W126:00.00	N54:24.06	W124:43.22	44.91	83.17
T2504.0	N54:22.69	W126:00.00	N54:24.19	W124:43.35	44.83	83.03
T2505.0	N54:22.83	W126:00.00	N54:24.32	W124:43.48	44.75	82.88
T2506.0	N54:22.96	W126:00.00	N54:24.46	W124:43.58	44.69	82.77
T2507.0	N54:23.10	W126:00.00	N54:24.59	W124:43.74	44.59	82.59
T2508.0	N54:23.23	W126:00.00	N54:24.72	W124:43.87	44.52	82.44
T2509.0	N54:23.37	W126:00.00	N54:24.86	W124:44.00	44.44	82.30
T2510.0	N54:23.50	W126:00.00	N54:24.99	W124:44.13	44.36	82.15
T2511.0	N54:23.64	W126:00.00	N54:25.12	W124:44.26	44.28	82.00
T2512.0	N54:23.77	W126:00.00	N54:25.26	W124:44.39	44.20	81.86
T2513.0	N54:23.91	W126:00.00	N54:25.39	W124:44.52	44.12	81.71
T2514.0	N54:24.04	W126:00.00	N54:25.52	W124:44.66	44.04	81.57
T2515.0	N54:24.18	W126:00.00	N54:25.65	W124:44.79	43.96	81.42
T2516.0	N54:24.31	W126:00.00	N54:25.79	W124:44.92	43.88	81.27
T2517.0	N54:24.45	W126:00.00	N54:25.92	W124:45.05	43.81	81.13
T2518.0	N54:24.58	W126:00.00	N54:26.05	W124:45.18	43.73	80.98
T2519.0	N54:24.72	W126:00.00	N54:26.19	W124:45.31	43.65	80.84
T2520.0	N54:24.85	W126:00.00	N54:26.32	W124:45.44	43.57	80.69
T2521.0	N54:24.99	W126:00.00	N54:26.45	W124:45.57	43.49	80.54
T2522.0	N54:25.12	W126:00.00	N54:26.58	W124:45.70	43.41	80.40
T2523.0	N54:25.25	W126:00.00	N54:26.72	W124:45.82	43.34	80.26
T2524.0	N54:25.39	W126:00.00	N54:26.85	W124:45.97	43.25	80.10
T2525.0	N54:25.52	W126:00.00	N54:26.98	W124:46.10	43.17	79.96
T2526.0	N54:25.66	W126:00.00	N54:27.12	W124:46.23	43.10	79.81
T2527.0	N54:25.79	W126:00.00	N54:27.25	W124:46.36	43.02	79.67
T2528.0	N54:25.93	W126:00.00	N54:27.38	W124:46.49	42.94	79.52

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2529.0	N54:26.06	W126:00.00	N54:27.52	W124:46.62	42.86	79.37
T2530.0	N54:26.20	W126:00.00	N54:27.65	W124:46.75	42.78	79.23
T2531.0	N54:26.33	W126:00.00	N54:27.78	W124:46.88	42.70	79.08
T2532.0	N54:26.47	W126:00.00	N54:27.91	W124:47.01	42.62	78.94
T2533.0	N54:26.60	W126:00.00	N54:28.05	W124:47.15	42.54	78.79
T2534.0	N54:26.74	W126:00.00	N54:28.18	W124:47.28	42.46	78.64
T2535.0	N54:26.87	W126:00.00	N54:28.31	W124:47.41	42.39	78.50
T2536.0	N54:27.01	W126:00.00	N54:28.45	W124:47.54	42.31	78.35
T2537.0	N54:27.14	W126:00.00	N54:28.58	W124:47.67	42.23	78.21
T2538.0	N54:27.28	W126:00.00	N54:28.71	W124:47.80	42.15	78.06
T2539.0	N54:27.41	W126:00.00	N54:28.84	W124:47.93	42.07	77.91
T2540.0	N54:27.55	W126:00.00	N54:28.98	W124:48.06	41.99	77.77
T2541.0	N54:27.68	W126:00.00	N54:29.11	W124:48.07	41.99	77.76
T2542.0	N54:27.82	W126:00.00	N54:29.24	W124:48.33	41.83	77.47
T2543.0	N54:27.95	W126:00.00	N54:29.38	W124:48.46	41.75	77.33
T2544.0	N54:28.09	W126:00.00	N54:29.51	W124:48.59	41.68	77.18
T2545.0	N54:28.22	W126:00.00	N54:29.64	W124:48.72	41.60	77.04
T2546.0	N54:28.36	W126:00.00	N54:29.77	W124:48.85	41.52	76.89
T2547.0	N54:28.49	W126:00.00	N54:29.91	W124:48.98	41.44	76.74
T2548.0	N54:28.63	W126:00.00	N54:30.04	W124:49.11	41.36	76.60
T2549.0	N54:28.76	W126:00.00	N54:30.17	W124:49.25	41.28	76.45
T2550.0	N54:28.90	W126:00.00	N54:30.31	W124:49.38	41.20	76.31
T2551.0	N54:29.03	W126:00.00	N54:30.44	W124:49.51	41.12	76.16
T2552.0	N54:29.17	W126:00.00	N54:30.57	W124:49.64	41.04	76.01
T2553.0	N54:29.30	W126:00.00	N54:30.70	W124:49.77	40.97	75.87
T2554.0	N54:29.44	W126:00.00	N54:30.84	W124:49.90	40.89	75.72
T2555.0	N54:29.57	W126:00.00	N54:30.97	W124:50.03	40.81	75.58
T2556.0	N54:29.71	W126:00.00	N54:31.10	W124:50.17	40.73	75.43
T2557.0	N54:29.84	W126:00.00	N54:31.24	W124:50.30	40.65	75.28
T2558.0	N54:29.98	W126:00.00	N54:31.37	W124:50.32	40.64	75.26
T2559.0	N54:30.11	W126:00.00	N54:31.50	W124:50.56	40.49	74.99
T2560.0	N54:30.24	W126:00.00	N54:31.63	W124:50.69	40.41	74.85
T2561.0	N54:30.38	W126:00.00	N54:31.77	W124:50.82	40.33	74.70
T2562.0	N54:30.51	W126:00.00	N54:31.90	W124:50.96	40.26	74.55
T2563.0	N54:30.65	W126:00.00	N54:32.03	W124:51.09	40.18	74.41
T2564.0	N54:30.78	W126:00.00	N54:32.17	W124:51.22	40.10	74.26
T2565.0	N54:30.92	W126:00.00	N54:32.30	W124:51.35	40.02	74.12

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2566.0	N54:31.05	W126:00.00	N54:32.43	W124:51.48	39.94	73.97
T2567.0	N54:31.19	W126:00.00	N54:32.56	W124:51.61	39.86	73.82
T2568.0	N54:31.32	W126:00.00	N54:32.70	W124:51.74	39.78	73.68
T2569.0	N54:31.46	W126:00.00	N54:32.83	W124:51.88	39.70	73.53
T2570.0	N54:31.59	W126:00.00	N54:32.96	W124:52.01	39.62	73.38
T2571.0	N54:31.73	W126:00.00	N54:33.09	W124:52.14	39.55	73.24
T2572.0	N54:31.86	W126:00.00	N54:33.23	W124:52.27	39.47	73.09
T2573.0	N54:32.00	W126:00.00	N54:33.36	W124:52.40	39.39	72.95
T2574.0	N54:32.13	W126:00.00	N54:33.49	W124:52.54	39.31	72.80
T2575.0	N54:32.27	W126:00.00	N54:33.63	W124:52.57	39.28	72.76
T2576.0	N54:32.40	W126:00.00	N54:33.76	W124:52.80	39.15	72.51
T2577.0	N54:32.54	W126:00.00	N54:33.89	W124:52.93	39.07	72.36
T2578.0	N54:32.67	W126:00.00	N54:34.02	W124:53.06	38.99	72.22
T2579.0	N54:32.81	W126:00.00	N54:34.16	W124:53.19	38.91	72.07
T2580.0	N54:32.94	W126:00.00	N54:34.29	W124:53.33	38.84	71.92
T2581.0	N54:33.08	W126:00.00	N54:34.42	W124:53.46	38.76	71.78
T2582.0	N54:33.21	W126:00.00	N54:34.27	W125:10.53	28.82	53.37
T2582.1	N54:34.30	W125:08.85	N54:34.56	W124:53.59	8.89	16.46
T2583.0	N54:33.35	W126:00.00	N54:34.41	W125:10.55	28.80	53.35
T2583.1	N54:34.44	W125:08.85	N54:34.69	W124:53.72	8.81	16.31
T2584.0	N54:33.48	W126:00.00	N54:34.54	W125:10.61	28.77	53.28
T2584.1	N54:34.57	W125:08.85	N54:34.82	W124:53.85	8.73	16.16
T2585.0	N54:33.62	W126:00.00	N54:34.67	W125:10.90	28.60	52.96
T2585.1	N54:34.71	W125:08.84	N54:34.95	W124:53.99	8.65	16.02
T2586.0	N54:33.75	W126:00.00	N54:34.80	W125:11.10	28.48	52.74
T2586.1	N54:34.84	W125:08.61	N54:35.09	W124:54.12	8.44	15.63
T2587.0	N54:33.89	W126:00.00	N54:34.93	W125:11.48	28.25	52.33
T2587.1	N54:34.99	W125:08.02	N54:35.22	W124:54.25	8.01	14.84
T2588.0	N54:34.02	W126:00.00	N54:35.05	W125:12.20	27.83	51.55
T2588.1	N54:35.13	W125:07.42	N54:35.35	W124:54.38	7.59	14.05
T2589.0	N54:34.16	W126:00.00	N54:35.16	W125:13.59	27.02	50.04
T2589.1	N54:35.28	W125:06.82	N54:35.48	W124:54.51	7.16	13.26
T2590.0	N54:34.29	W126:00.00	N54:35.27	W125:14.98	26.21	48.55
T2590.1	N54:35.43	W125:06.22	N54:35.62	W124:54.64	6.73	12.47
T2591.0	N54:34.43	W126:00.00	N54:35.38	W125:16.13	25.54	47.31
T2591.1	N54:35.58	W125:05.22	N54:35.75	W124:54.78	6.08	11.26
T2592.0	N54:34.56	W126:00.00	N54:35.50	W125:17.22	24.91	46.13

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2592.1	N54:35.74	W125:03.56	N54:35.88	W124:54.83	5.08	9.40
T2593.0	N54:34.70	W126:00.00	N54:35.61	W125:18.38	24.23	44.87
T2593.1	N54:35.88	W125:03.09	N54:36.02	W124:55.04	4.68	8.67
T2594.0	N54:34.83	W126:00.00	N54:35.69	W125:21.26	22.56	41.77
T2594.1	N54:36.02	W125:03.00	N54:36.15	W124:55.17	4.55	8.43
T2595.0	N54:34.97	W126:00.00	N54:35.78	W125:23.53	21.23	39.32
T2595.1	N54:36.16	W125:02.95	N54:36.28	W124:55.30	4.45	8.24
T2596.0	N54:35.10	W126:00.00	N54:35.87	W125:25.68	19.98	37.00
T2596.1	N54:36.29	W125:02.90	N54:36.41	W124:55.44	4.34	8.04
T2597.0	N54:35.23	W126:00.00	N54:35.93	W125:29.54	17.73	32.84
T2597.1	N54:36.43	W125:02.86	N54:36.55	W124:55.57	4.24	7.85
T2598.0	N54:35.37	W126:00.00	N54:36.06	W125:29.53	17.74	32.85
T2598.1	N54:36.56	W125:02.81	N54:36.68	W124:55.70	4.14	7.66
T2599.0	N54:35.50	W126:00.00	N54:36.20	W125:29.53	17.74	32.85
T2599.1	N54:36.70	W125:02.77	N54:36.81	W124:55.83	4.03	7.47
T2600.0	N54:35.64	W126:00.00	N54:36.33	W125:29.52	17.74	32.85
T2600.1	N54:36.83	W125:02.96	N54:36.94	W124:55.97	4.07	7.53
T2601.0	N54:35.77	W126:00.00	N54:36.47	W125:29.52	17.74	32.85
T2601.1	N54:36.96	W125:03.42	N54:37.08	W124:56.10	4.26	7.88
T2602.0	N54:35.91	W126:00.00	N54:36.60	W125:29.52	17.74	32.86
T2602.1	N54:37.08	W125:03.92	N54:37.21	W124:56.23	4.47	8.28
T2603.0	N54:36.04	W126:00.00	N54:36.74	W125:29.51	17.74	32.86
T2603.1	N54:37.21	W125:04.45	N54:37.34	W124:56.36	4.70	8.71
T2604.0	N54:36.18	W126:00.00	N54:36.87	W125:29.51	17.74	32.86
T2604.1	N54:37.33	W125:04.98	N54:37.48	W124:56.49	4.94	9.14
T2605.0	N54:36.31	W126:00.00	N54:37.01	W125:29.50	17.75	32.86
T2605.1	N54:37.46	W125:05.52	N54:37.61	W124:56.63	5.17	9.57
T2606.0	N54:36.45	W126:00.00	N54:37.14	W125:29.50	17.75	32.87
T2606.1	N54:37.59	W125:05.75	N54:37.74	W124:56.76	5.23	9.68
T2607.0	N54:36.58	W126:00.00	N54:37.28	W125:29.50	17.75	32.87
T2607.1	N54:37.72	W125:05.96	N54:37.87	W124:56.89	5.27	9.77
T2608.0	N54:36.72	W126:00.00	N54:37.41	W125:29.49	17.75	32.87
T2608.1	N54:37.85	W125:06.18	N54:38.01	W124:57.02	5.32	9.85
T2609.0	N54:36.85	W126:00.00	N54:37.55	W125:29.49	17.75	32.87
T2609.1	N54:37.98	W125:06.39	N54:38.14	W124:57.10	5.40	10.00
T2610.0	N54:36.99	W126:00.00	N54:37.68	W125:29.48	17.75	32.88
T2610.1	N54:38.11	W125:06.67	N54:38.27	W124:57.29	5.45	10.10

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2611.0	N54:37.12	W126:00.00	N54:37.82	W125:29.48	17.75	32.88
T2611.1	N54:38.25	W125:06.82	N54:38.40	W124:57.42	5.46	10.11
T2612.0	N54:37.26	W126:00.00	N54:37.95	W125:29.48	17.75	32.88
T2612.1	N54:38.38	W125:07.03	N54:38.54	W124:57.55	5.51	10.20
T2613.0	N54:37.39	W126:00.00	N54:38.09	W125:29.47	17.76	32.88
T2613.1	N54:38.51	W125:07.24	N54:38.67	W124:57.68	5.55	10.29
T2614.0	N54:37.53	W126:00.00	N54:38.22	W125:29.47	17.76	32.89
T2614.1	N54:38.64	W125:07.53	N54:38.80	W124:57.82	5.65	10.46
T2615.0	N54:37.66	W126:00.00	N54:38.36	W125:29.46	17.76	32.89
T2615.1	N54:38.77	W125:07.83	N54:38.94	W124:57.95	5.74	10.63
T2616.0	N54:37.80	W126:00.00	N54:38.49	W125:29.46	17.76	32.89
T2616.1	N54:38.90	W125:08.12	N54:39.07	W124:58.08	5.84	10.81
T2617.0	N54:37.93	W126:00.00	N54:38.63	W125:29.46	17.76	32.89
T2617.1	N54:39.03	W125:08.42	N54:39.20	W124:58.21	5.93	10.98
T2618.0	N54:38.07	W126:00.00	N54:38.76	W125:29.45	17.76	32.90
T2618.1	N54:39.16	W125:08.72	N54:39.33	W124:58.35	6.02	11.16
T2619.0	N54:38.20	W126:00.00	N54:38.90	W125:29.45	17.76	32.90
T2619.1	N54:39.29	W125:09.01	N54:39.47	W124:58.48	6.12	11.33
T2620.0	N54:38.34	W126:00.00	N54:39.03	W125:29.44	17.77	32.90
T2620.1	N54:39.42	W125:09.31	N54:39.60	W124:58.61	6.21	11.51
T2621.0	N54:38.47	W126:00.00	N54:39.16	W125:29.44	17.77	32.90
T2621.1	N54:39.53	W125:10.29	N54:39.73	W124:58.74	6.70	12.42
T2622.0	N54:38.61	W126:00.00	N54:39.30	W125:29.44	17.77	32.91
T2622.1	N54:39.65	W125:11.29	N54:39.86	W124:58.88	7.21	13.35
T2623.0	N54:38.74	W126:00.00	N54:39.43	W125:29.43	17.77	32.91
T2623.1	N54:39.78	W125:11.47	N54:40.00	W124:59.01	7.24	13.41
T2624.0	N54:38.88	W126:00.00	N54:39.57	W125:29.43	17.77	32.91
T2624.1	N54:39.91	W125:11.77	N54:40.13	W124:59.14	7.34	13.59
T2625.0	N54:39.01	W126:00.00	N54:39.70	W125:29.42	17.77	32.91
T2625.1	N54:40.04	W125:12.07	N54:40.26	W124:59.27	7.43	13.76
T2626.0	N54:39.15	W126:00.00	N54:39.84	W125:29.43	17.77	32.91
T2626.1	N54:40.17	W125:12.37	N54:40.40	W124:59.37	7.55	13.98
T2627.0	N54:39.28	W126:00.00	N54:39.97	W125:29.57	17.69	32.76
T2627.1	N54:40.30	W125:12.66	N54:40.53	W124:59.54	7.62	14.12
T2628.0	N54:39.42	W126:00.00	N54:40.11	W125:29.60	17.67	32.72
T2628.1	N54:40.43	W125:12.96	N54:40.66	W124:59.67	7.72	14.30
T2629.0	N54:39.55	W126:00.00	N54:40.24	W125:29.84	17.52	32.45

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2629.1	N54:40.56	W125:13.26	N54:40.79	W124:59.80	7.81	14.47
T2630.0	N54:39.69	W126:00.00	N54:40.37	W125:29.98	17.44	32.30
T2630.1	N54:40.69	W125:13.59	N54:40.93	W124:59.94	7.93	14.69
T2631.0	N54:39.82	W126:00.00	N54:40.50	W125:30.12	17.36	32.15
T2631.1	N54:40.82	W125:13.87	N54:41.06	W125:00.07	8.02	14.84
T2632.0	N54:39.96	W126:00.00	N54:40.63	W125:30.26	17.28	32.00
T2632.1	N54:40.95	W125:14.20	N54:41.19	W125:00.20	8.13	15.05
T2633.0	N54:40.09	W126:00.00	N54:40.76	W125:30.40	17.20	31.85
T2633.1	N54:41.07	W125:14.50	N54:41.32	W125:00.33	8.22	15.23
T2634.0	N54:40.22	W126:00.00	N54:40.90	W125:30.54	17.12	31.70
T2634.1	N54:41.21	W125:14.38	N54:41.46	W125:00.47	8.07	14.95
T2635.0	N54:40.36	W126:00.00	N54:41.03	W125:30.68	17.03	31.55
T2635.1	N54:41.35	W125:14.25	N54:41.59	W125:00.60	7.93	14.68
T2636.0	N54:40.49	W126:00.00	N54:41.16	W125:30.82	16.95	31.40
T2636.1	N54:41.49	W125:14.13	N54:41.72	W125:00.73	7.78	14.41
T2637.0	N54:40.63	W126:00.00	N54:41.29	W125:30.95	16.87	31.25
T2637.1	N54:41.62	W125:14.02	N54:41.85	W125:00.86	7.63	14.14
T2638.0	N54:40.76	W126:00.00	N54:41.42	W125:31.09	16.79	31.10
T2638.1	N54:41.76	W125:14.12	N54:41.99	W125:01.00	7.62	14.11
T2639.0	N54:40.90	W126:00.00	N54:41.56	W125:31.23	16.71	30.94
T2639.1	N54:41.89	W125:14.23	N54:42.12	W125:01.13	7.60	14.08
T2640.0	N54:41.03	W126:00.00	N54:41.69	W125:31.37	16.63	30.79
T2640.1	N54:42.02	W125:14.33	N54:42.25	W125:01.26	7.58	14.05
T2641.0	N54:41.17	W126:00.00	N54:41.82	W125:31.51	16.55	30.64
T2641.1	N54:42.15	W125:14.43	N54:42.38	W125:01.39	7.57	14.01
T2642.0	N54:41.30	W126:00.00	N54:41.95	W125:31.65	16.46	30.49
T2642.1	N54:42.27	W125:15.74	N54:42.52	W125:01.53	8.25	15.28
T2643.0	N54:41.44	W126:00.00	N54:42.08	W125:31.79	16.38	30.34
T2643.1	N54:42.35	W125:18.22	N54:42.65	W125:01.64	9.62	17.82
T2644.0	N54:41.57	W126:00.00	N54:42.22	W125:31.90	16.31	30.21
T2644.1	N54:42.49	W125:18.28	N54:42.78	W125:01.79	9.56	17.71
T2645.0	N54:41.71	W126:00.00	N54:42.35	W125:32.06	16.22	30.04
T2645.1	N54:42.62	W125:18.27	N54:42.91	W125:01.92	9.48	17.57
T2646.0	N54:41.84	W126:00.00	N54:42.48	W125:32.20	16.14	29.89
T2646.1	N54:42.76	W125:18.27	N54:43.05	W125:02.06	9.41	17.42
T2647.0	N54:41.98	W126:00.00	N54:42.61	W125:32.34	16.06	29.74
T2647.1	N54:42.89	W125:18.27	N54:43.18	W125:02.19	9.33	17.27

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2648.0	N54:42.11	W126:00.00	N54:42.74	W125:32.48	15.97	29.59
T2648.1	N54:43.03	W125:18.27	N54:43.31	W125:02.32	9.25	17.13
T2649.0	N54:42.25	W126:00.00	N54:42.87	W125:32.62	15.89	29.43
T2649.1	N54:43.16	W125:18.26	N54:43.45	W125:02.46	9.17	16.98
T2650.0	N54:42.38	W126:00.00	N54:43.01	W125:32.76	15.81	29.28
T2650.1	N54:43.30	W125:18.26	N54:43.58	W125:02.59	9.09	16.84
T2651.0	N54:42.52	W126:00.00	N54:43.14	W125:32.90	15.73	29.13
T2651.1	N54:43.43	W125:18.26	N54:43.71	W125:02.72	9.01	16.69
T2652.0	N54:42.65	W126:00.00	N54:43.27	W125:33.04	15.65	28.98
T2652.1	N54:43.57	W125:18.26	N54:43.84	W125:02.85	8.93	16.54
T2653.0	N54:42.79	W126:00.00	N54:43.40	W125:33.18	15.57	28.83
T2653.1	N54:43.70	W125:18.25	N54:43.98	W125:02.99	8.85	16.40
T2654.0	N54:42.92	W126:00.00	N54:43.54	W125:32.90	15.73	29.13
T2654.1	N54:43.84	W125:18.25	N54:44.11	W125:03.12	8.77	16.25
T2655.0	N54:43.06	W126:00.00	N54:43.69	W125:32.26	16.09	29.81
T2655.1	N54:43.97	W125:18.25	N54:44.24	W125:03.25	8.70	16.11
T2656.0	N54:43.19	W126:00.00	N54:43.84	W125:31.63	16.46	30.49
T2656.1	N54:44.11	W125:18.25	N54:44.37	W125:03.39	8.62	15.96
T2657.0	N54:43.33	W126:00.00	N54:43.99	W125:31.00	16.83	31.17
T2657.1	N54:44.24	W125:18.25	N54:44.51	W125:03.52	8.54	15.81
T2658.0	N54:43.46	W126:00.00	N54:44.14	W125:30.36	17.19	31.84
T2658.1	N54:44.38	W125:18.24	N54:44.64	W125:03.65	8.46	15.67
T2659.0	N54:43.60	W126:00.00	N54:44.28	W125:29.73	17.56	32.52
T2659.1	N54:44.51	W125:18.24	N54:44.77	W125:03.79	8.38	15.52
T2660.0	N54:43.73	W126:00.00	N54:44.43	W125:29.22	17.85	33.06
T2660.1	N54:44.65	W125:18.24	N54:44.90	W125:03.91	8.30	15.38
T2661.0	N54:43.87	W126:00.00	N54:44.56	W125:29.22	17.85	33.06
T2661.1	N54:44.75	W125:19.73	N54:45.04	W125:03.91	9.17	16.98
T2662.0	N54:44.00	W126:00.00	N54:44.70	W125:29.23	17.85	33.06
T2662.1	N54:44.84	W125:22.38	N54:45.17	W125:04.18	10.55	19.53
T2663.0	N54:44.14	W126:00.00	N54:44.83	W125:29.23	17.85	33.06
T2663.1	N54:44.96	W125:22.83	N54:45.30	W125:04.32	10.73	19.88
T2664.0	N54:44.27	W126:00.00	N54:44.97	W125:29.23	17.85	33.06
T2664.1	N54:45.10	W125:22.83	N54:45.43	W125:04.45	10.65	19.73
T2665.0	N54:44.41	W126:00.00	N54:45.10	W125:29.23	17.85	33.05
T2665.1	N54:45.23	W125:22.83	N54:45.57	W125:04.58	10.57	19.58
T2666.0	N54:44.54	W126:00.00	N54:45.24	W125:29.23	17.85	33.05

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2666.1	N54:45.37	W125:22.83	N54:45.70	W125:04.72	10.50	19.44
T2667.0	N54:44.68	W126:00.00	N54:45.37	W125:29.23	17.84	33.05
T2667.1	N54:45.50	W125:22.82	N54:45.83	W125:04.85	10.42	19.29
T2668.0	N54:44.81	W126:00.00	N54:45.51	W125:29.23	17.84	33.05
T2668.1	N54:45.64	W125:22.66	N54:45.96	W125:04.98	10.25	18.97
T2669.0	N54:44.95	W126:00.00	N54:45.64	W125:29.23	17.84	33.04
T2669.1	N54:45.77	W125:22.66	N54:46.10	W125:05.12	10.17	18.83
T2670.0	N54:45.08	W126:00.00	N54:45.78	W125:29.23	17.84	33.04
T2670.1	N54:45.90	W125:22.89	N54:46.23	W125:05.25	10.22	18.93
T2671.0	N54:45.21	W126:00.00	N54:45.91	W125:29.23	17.84	33.04
T2671.1	N54:46.03	W125:23.11	N54:46.36	W125:05.38	10.27	19.02
T2672.0	N54:45.35	W126:00.00	N54:46.05	W125:29.23	17.84	33.04
T2672.1	N54:46.14	W125:24.76	N54:46.49	W125:05.52	11.15	20.65
T2673.0	N54:45.48	W126:00.00	N54:46.18	W125:29.23	17.84	33.03
T2673.1	N54:46.27	W125:24.77	N54:46.63	W125:05.65	11.08	20.52
T2674.0	N54:45.62	W126:00.00	N54:46.32	W125:29.23	17.84	33.03
T2674.1	N54:46.41	W125:24.74	N54:46.76	W125:05.78	10.99	20.35
T2675.0	N54:45.75	W126:00.00	N54:46.45	W125:29.23	17.83	33.03
T2675.1	N54:46.54	W125:24.72	N54:46.89	W125:05.91	10.89	20.17
T2676.0	N54:45.89	W126:00.00	N54:46.59	W125:29.23	17.83	33.03
T2676.1	N54:46.68	W125:24.65	N54:47.02	W125:06.05	10.78	19.96
T2677.0	N54:46.02	W126:00.00	N54:46.72	W125:29.23	17.83	33.02
T2677.1	N54:46.81	W125:24.56	N54:47.16	W125:06.18	10.64	19.71
T2678.0	N54:46.16	W126:00.00	N54:46.86	W125:29.23	17.83	33.02
T2678.1	N54:46.95	W125:24.46	N54:47.29	W125:06.19	10.58	19.60
T2679.0	N54:46.29	W126:00.00	N54:46.99	W125:29.23	17.83	33.02
T2679.1	N54:47.09	W125:24.37	N54:47.42	W125:06.45	10.38	19.22
T2680.0	N54:46.43	W126:00.00	N54:47.12	W125:29.23	17.83	33.02
T2680.1	N54:47.23	W125:24.27	N54:47.55	W125:06.58	10.24	18.97
T2681.0	N54:46.56	W126:00.00	N54:47.26	W125:29.23	17.83	33.02
T2681.1	N54:47.36	W125:24.17	N54:47.69	W125:06.71	10.11	18.73
T2682.0	N54:46.70	W126:00.00	N54:47.39	W125:29.23	17.83	33.01
T2682.1	N54:47.50	W125:24.08	N54:47.82	W125:06.85	9.98	18.48
T2683.0	N54:46.83	W126:00.00	N54:47.53	W125:29.24	17.82	33.01
T2683.1	N54:47.68	W125:21.58	N54:47.95	W125:06.98	8.46	15.66
T2684.0	N54:46.97	W126:00.00	N54:47.66	W125:29.24	17.82	33.01
T2684.1	N54:47.82	W125:21.60	N54:47.88	W125:18.07	2.04	3.78

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2684.2	N54:47.88	W125:18.12	N54:48.08	W125:07.11	6.37	11.80
T2685.0	N54:47.10	W126:00.00	N54:47.80	W125:29.24	17.82	33.01
T2685.1	N54:47.95	W125:21.62	N54:47.99	W125:19.76	1.08	1.99
T2685.2	N54:48.02	W125:18.25	N54:48.22	W125:07.25	6.37	11.79
T2686.0	N54:47.24	W126:00.00	N54:47.93	W125:29.24	17.82	33.00
T2686.1	N54:48.15	W125:18.44	N54:48.35	W125:07.38	6.40	11.86
T2687.0	N54:47.37	W126:00.00	N54:48.07	W125:29.24	17.82	33.00
T2687.1	N54:48.28	W125:18.64	N54:48.48	W125:07.51	6.44	11.93
T2688.0	N54:47.51	W126:00.00	N54:48.20	W125:29.24	17.82	33.00
T2688.1	N54:48.41	W125:18.84	N54:48.61	W125:07.65	6.48	12.00
T2689.0	N54:47.64	W126:00.00	N54:48.34	W125:29.24	17.82	33.00
T2689.1	N54:48.54	W125:19.03	N54:48.75	W125:07.78	6.51	12.06
T2690.0	N54:47.78	W126:00.00	N54:48.47	W125:29.24	17.82	32.99
T2690.1	N54:48.67	W125:19.28	N54:48.88	W125:07.91	6.58	12.18
T2691.0	N54:47.91	W126:00.00	N54:48.61	W125:29.24	17.81	32.99
T2691.1	N54:48.80	W125:19.53	N54:49.01	W125:08.05	6.65	12.31
T2692.0	N54:48.05	W126:00.00	N54:48.75	W125:28.80	18.07	33.46
T2692.1	N54:48.93	W125:19.78	N54:49.14	W125:08.18	6.71	12.43
T2693.0	N54:48.18	W126:00.00	N54:48.91	W125:27.60	18.76	34.75
T2693.1	N54:49.06	W125:20.04	N54:49.28	W125:08.31	6.78	12.56
T2694.0	N54:48.32	W126:00.00	N54:49.07	W125:26.40	19.46	36.03
T2694.1	N54:49.19	W125:20.29	N54:49.41	W125:08.45	6.85	12.69
T2695.0	N54:48.45	W126:00.00	N54:49.23	W125:25.20	20.15	37.32
T2695.1	N54:49.32	W125:20.54	N54:49.54	W125:08.48	6.98	12.93
T2696.0	N54:48.59	W126:00.00	N54:49.39	W125:23.99	20.84	38.60
T2696.1	N54:49.45	W125:20.79	N54:49.67	W125:08.72	6.99	12.94
T2697.0	N54:48.72	W126:00.00	N54:49.55	W125:22.79	21.54	39.89
T2697.1	N54:49.58	W125:21.05	N54:49.81	W125:08.85	7.06	13.07
T2698.0	N54:48.86	W126:00.00	N54:49.70	W125:21.59	22.23	41.17
T2698.1	N54:49.71	W125:21.30	N54:49.94	W125:08.98	7.13	13.20
T2699.0	N54:48.99	W126:00.00	N54:50.07	W125:09.12	29.45	54.54
T2700.0	N54:49.13	W126:00.00	N54:50.20	W125:09.25	29.37	54.39
T2701.0	N54:49.26	W126:00.00	N54:50.34	W125:09.38	29.29	54.25
T2702.0	N54:49.40	W126:00.00	N54:50.47	W125:09.52	29.21	54.10
T2703.0	N54:49.53	W126:00.00	N54:50.60	W125:09.65	29.13	53.96
T2704.0	N54:49.67	W126:00.00	N54:50.73	W125:09.78	29.05	53.81
T2705.0	N54:49.80	W126:00.00	N54:50.87	W125:09.92	28.98	53.66

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2706.0	N54:49.94	W126:00.00	N54:51.00	W125:10.05	28.90	53.52
T2707.0	N54:50.07	W126:00.00	N54:51.13	W125:10.18	28.82	53.37
T2708.0	N54:50.20	W126:00.00	N54:51.26	W125:10.32	28.74	53.22
T2709.0	N54:50.34	W126:00.00	N54:51.40	W125:10.45	28.66	53.08
T2710.0	N54:50.47	W126:00.00	N54:51.53	W125:10.59	28.58	52.93
T2711.0	N54:50.61	W126:00.00	N54:51.66	W125:10.72	28.50	52.79
T2712.0	N54:50.74	W126:00.00	N54:51.79	W125:10.77	28.47	52.73
T2713.0	N54:50.88	W126:00.00	N54:51.93	W125:10.99	28.34	52.49
T2714.0	N54:51.01	W126:00.00	N54:52.06	W125:11.12	28.27	52.35
T2715.0	N54:51.15	W126:00.00	N54:52.19	W125:11.25	28.19	52.20
T2716.0	N54:51.28	W126:00.00	N54:52.32	W125:11.39	28.11	52.06
T2717.0	N54:51.42	W126:00.00	N54:52.46	W125:11.52	28.03	51.91
T2718.0	N54:51.55	W126:00.00	N54:52.59	W125:11.66	27.95	51.76
T2719.0	N54:51.69	W126:00.00	N54:52.72	W125:11.79	27.87	51.62
T2720.0	N54:51.82	W126:00.00	N54:52.85	W125:11.92	27.79	51.47
T2721.0	N54:51.96	W126:00.00	N54:52.99	W125:12.06	27.71	51.33
T2722.0	N54:52.09	W126:00.00	N54:53.12	W125:12.19	27.63	51.18
T2723.0	N54:52.23	W126:00.00	N54:53.25	W125:12.33	27.56	51.03
T2724.0	N54:52.36	W126:00.00	N54:53.38	W125:12.46	27.48	50.89
T2725.0	N54:52.50	W126:00.00	N54:53.51	W125:12.59	27.40	50.74
T2726.0	N54:52.63	W126:00.00	N54:53.65	W125:12.73	27.32	50.59
T2727.0	N54:52.77	W126:00.00	N54:53.78	W125:12.86	27.24	50.45
T2728.0	N54:52.90	W126:00.00	N54:53.91	W125:12.99	27.16	50.30
T2729.0	N54:53.04	W126:00.00	N54:54.05	W125:13.06	27.12	50.23
T2730.0	N54:53.17	W126:00.00	N54:54.18	W125:13.26	27.00	50.01
T2731.0	N54:53.31	W126:00.00	N54:54.31	W125:13.40	26.92	49.86
T2732.0	N54:53.44	W126:00.00	N54:54.44	W125:13.53	26.85	49.72
T2733.0	N54:53.58	W126:00.00	N54:54.57	W125:13.66	26.77	49.57
T2734.0	N54:53.71	W126:00.00	N54:54.71	W125:13.80	26.69	49.43
T2735.0	N54:53.85	W126:00.00	N54:54.84	W125:13.93	26.61	49.28
T2736.0	N54:53.98	W126:00.00	N54:54.97	W125:14.07	26.53	49.13
T2737.0	N54:54.12	W126:00.00	N54:55.10	W125:14.20	26.45	48.99
T2738.0	N54:54.25	W126:00.00	N54:55.24	W125:14.33	26.37	48.84
T2739.0	N54:54.39	W126:00.00	N54:55.37	W125:14.47	26.29	48.70
T2740.0	N54:54.52	W126:00.00	N54:55.50	W125:14.60	26.21	48.55
T2741.0	N54:54.66	W126:00.00	N54:55.63	W125:14.74	26.14	48.40
T2742.0	N54:54.79	W126:00.00	N54:55.77	W125:14.87	26.06	48.26

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2743.0	N54:54.93	W126:00.00	N54:55.90	W125:15.01	25.98	48.11
T2744.0	N54:55.06	W126:00.00	N54:56.03	W125:15.14	25.90	47.97
T2745.0	N54:55.19	W126:00.00	N54:56.16	W125:15.27	25.82	47.82
T2746.0	N54:55.33	W126:00.00	N54:56.30	W125:15.36	25.77	47.72
T2747.0	N54:55.46	W126:00.00	N54:56.43	W125:15.54	25.66	47.53
T2748.0	N54:55.60	W126:00.00	N54:56.56	W125:15.68	25.58	47.38
T2749.0	N54:55.73	W126:00.00	N54:56.69	W125:15.81	25.50	47.24
T2750.0	N54:55.87	W126:00.00	N54:56.82	W125:15.94	25.43	47.09
T2751.0	N54:56.00	W126:00.00	N54:56.96	W125:16.08	25.35	46.94
T2752.0	N54:56.14	W126:00.00	N54:57.09	W125:16.21	25.27	46.80
T2753.0	N54:56.27	W126:00.00	N54:57.22	W125:16.35	25.19	46.65
T2754.0	N54:56.41	W126:00.00	N54:57.35	W125:16.48	25.11	46.50
T2755.0	N54:56.54	W126:00.00	N54:57.49	W125:16.62	25.03	46.36
T2756.0	N54:56.68	W126:00.00	N54:57.62	W125:16.75	24.95	46.21
T2757.0	N54:56.81	W126:00.00	N54:57.75	W125:16.89	24.87	46.07
T2758.0	N54:56.95	W126:00.00	N54:57.88	W125:17.02	24.80	45.92
T2759.0	N54:57.08	W126:00.00	N54:58.01	W125:17.15	24.72	45.77
T2760.0	N54:57.22	W126:00.00	N54:58.15	W125:17.29	24.64	45.63
T2761.0	N54:57.35	W126:00.00	N54:58.28	W125:17.42	24.56	45.48
T2762.0	N54:57.49	W126:00.00	N54:58.41	W125:17.56	24.48	45.34
T2763.0	N54:57.62	W126:00.00	N54:58.54	W125:17.66	24.42	45.22
T2764.0	N54:57.76	W126:00.00	N54:58.68	W125:17.83	24.32	45.04
T2765.0	N54:57.89	W126:00.00	N54:58.81	W125:17.96	24.24	44.90
T2766.0	N54:58.03	W126:00.00	N54:58.94	W125:18.10	24.16	44.75
T2767.0	N54:58.16	W126:00.00	N54:59.07	W125:18.23	24.09	44.61
T2768.0	N54:58.30	W126:00.00	N54:59.21	W125:18.36	24.01	44.46
T2769.0	N54:58.43	W126:00.00	N54:59.34	W125:18.50	23.93	44.31
T2770.0	N54:58.57	W126:00.00	N54:59.47	W125:18.63	23.85	44.17
T2771.0	N54:58.70	W126:00.00	N54:59.60	W125:18.77	23.77	44.02
T2772.0	N54:58.84	W126:00.00	N54:59.73	W125:18.90	23.69	43.88
T2773.0	N54:58.97	W126:00.00	N54:59.87	W125:19.04	23.61	43.73
T2774.0	N54:59.11	W126:00.00	N55:00.00	W125:19.17	23.53	43.58
T2775.0	N54:59.24	W126:00.00	N55:00.13	W125:19.31	23.45	43.44
T2776.0	N54:59.38	W126:00.00	N55:00.26	W125:19.44	23.38	43.29
T2777.0	N54:59.51	W126:00.00	N55:00.40	W125:19.58	23.30	43.15
T2778.0	N54:59.65	W126:00.00	N55:00.53	W125:19.71	23.22	43.00
T2779.0	N54:59.78	W126:00.00	N55:00.66	W125:19.84	23.14	42.85

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2780.0	N54:59.91	W126:00.00	N55:00.79	W125:19.97	23.07	42.72
T2781.0	N55:00.05	W126:00.00	N55:00.92	W125:20.11	22.98	42.56
T2782.0	N55:00.18	W126:00.00	N55:01.06	W125:20.25	22.90	42.41
T2783.0	N55:00.32	W126:00.00	N55:01.19	W125:20.38	22.82	42.27
T2784.0	N55:00.45	W126:00.00	N55:01.32	W125:20.52	22.74	42.12
T2785.0	N55:00.59	W126:00.00	N55:01.45	W125:20.65	22.67	41.98
T2786.0	N55:00.72	W126:00.00	N55:01.59	W125:20.79	22.59	41.83
T2787.0	N55:00.86	W126:00.00	N55:01.72	W125:20.92	22.51	41.68
T2788.0	N55:00.99	W126:00.00	N55:01.85	W125:21.06	22.43	41.54
T2789.0	N55:01.13	W126:00.00	N55:01.98	W125:21.19	22.35	41.39
T2790.0	N55:01.26	W126:00.00	N55:02.11	W125:21.33	22.27	41.25
T2791.0	N55:01.40	W126:00.00	N55:02.25	W125:21.46	22.19	41.10
T2792.0	N55:01.53	W126:00.00	N55:02.38	W125:21.60	22.11	40.95
T2793.0	N55:01.67	W126:00.00	N55:02.51	W125:21.73	22.03	40.81
T2794.0	N55:01.80	W126:00.00	N55:02.64	W125:21.87	21.96	40.66
T2795.0	N55:01.94	W126:00.00	N55:02.78	W125:22.00	21.88	40.52
T2796.0	N55:02.07	W126:00.00	N55:02.91	W125:22.14	21.80	40.37
T2797.0	N55:02.21	W126:00.00	N55:03.04	W125:22.27	21.72	40.22
T2798.0	N55:02.34	W126:00.00	N55:03.18	W125:22.28	21.71	40.21
T2799.0	N55:02.48	W126:00.00	N55:03.30	W125:22.54	21.56	39.93
T2800.0	N55:02.61	W126:00.00	N55:03.44	W125:22.68	21.48	39.79
T2801.0	N55:02.75	W126:00.00	N55:03.57	W125:22.81	21.40	39.64
T2802.0	N55:02.88	W126:00.00	N55:03.70	W125:22.95	21.32	39.49
T2803.0	N55:03.02	W126:00.00	N55:03.83	W125:23.08	21.25	39.35
T2804.0	N55:03.15	W126:00.00	N55:03.97	W125:23.22	21.17	39.20
T2805.0	N55:03.29	W126:00.00	N55:04.10	W125:23.35	21.09	39.06
T2806.0	N55:03.42	W126:00.00	N55:04.23	W125:23.49	21.01	38.91
T2807.0	N55:03.56	W126:00.00	N55:04.36	W125:23.62	20.93	38.76
T2808.0	N55:03.69	W126:00.00	N55:04.49	W125:23.76	20.85	38.62
T2809.0	N55:03.83	W126:00.00	N55:04.63	W125:23.89	20.77	38.47
T2810.0	N55:03.96	W126:00.00	N55:04.76	W125:24.03	20.69	38.32
T2811.0	N55:04.10	W126:00.00	N55:04.89	W125:24.16	20.61	38.18
T2812.0	N55:04.23	W126:00.00	N55:05.02	W125:24.30	20.54	38.03
T2813.0	N55:04.37	W126:00.00	N55:05.16	W125:24.43	20.46	37.89
T2814.0	N55:04.50	W126:00.00	N55:05.29	W125:24.57	20.38	37.74
T2815.0	N55:04.63	W126:00.00	N55:05.42	W125:24.59	20.36	37.71
T2816.0	N55:04.77	W126:00.00	N55:05.55	W125:24.69	20.31	37.61

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2817.0	N55:04.90	W126:00.00	N55:05.69	W125:24.68	20.31	37.61
T2818.0	N55:05.04	W126:00.00	N55:05.82	W125:24.68	20.31	37.61
T2818.1	N55:06.17	W125:05.97	N55:06.27	W125:00.16	3.33	6.18
T2819.0	N55:05.17	W126:00.00	N55:05.96	W125:24.68	20.31	37.61
T2819.1	N55:06.22	W125:10.67	N55:06.40	W125:00.30	5.96	11.03
T2820.0	N55:05.31	W126:00.00	N55:06.53	W125:00.44	34.23	63.40
T2821.0	N55:05.44	W126:00.00	N55:06.67	W125:00.58	34.15	63.25
T2822.0	N55:05.58	W126:00.00	N55:06.80	W125:00.72	34.07	63.10
T2823.0	N55:05.71	W126:00.00	N55:06.93	W125:00.86	33.99	62.95
T2824.0	N55:05.85	W126:00.00	N55:07.06	W125:00.99	33.91	62.80
T2825.0	N55:05.98	W126:00.00	N55:07.20	W125:01.05	33.87	62.73
T2826.0	N55:06.12	W126:00.00	N55:07.33	W125:01.27	33.75	62.50
T2827.0	N55:06.25	W126:00.00	N55:07.46	W125:01.41	33.67	62.35
T2828.0	N55:06.39	W126:00.00	N55:07.59	W125:01.55	33.58	62.20
T2829.0	N55:06.52	W126:00.00	N55:07.73	W125:01.69	33.50	62.05
T2830.0	N55:06.66	W126:00.00	N55:07.86	W125:01.82	33.42	61.90
T2831.0	N55:06.79	W126:00.00	N55:07.99	W125:01.96	33.34	61.74
T2832.0	N55:06.93	W126:00.00	N55:08.12	W125:02.10	33.26	61.59
T2833.0	N55:07.06	W126:00.00	N55:08.26	W125:02.24	33.18	61.44
T2834.0	N55:07.20	W126:00.00	N55:08.39	W125:02.38	33.10	61.29
T2835.0	N55:07.33	W126:00.00	N55:08.52	W125:02.52	33.01	61.14
T2836.0	N55:07.47	W126:00.00	N55:08.65	W125:02.66	32.93	60.99
T2837.0	N55:07.60	W126:00.00	N55:08.79	W125:02.79	32.85	60.84
T2838.0	N55:07.74	W126:00.00	N55:08.92	W125:02.93	32.77	60.69
T2839.0	N55:07.87	W126:00.00	N55:09.05	W125:03.07	32.69	60.54
T2840.0	N55:08.01	W126:00.00	N55:09.18	W125:03.21	32.61	60.39
T2841.0	N55:08.14	W126:00.00	N55:09.32	W125:03.35	32.53	60.24
T2842.0	N55:08.28	W126:00.00	N55:09.45	W125:03.35	32.52	60.23
T2843.0	N55:08.41	W126:00.00	N55:09.58	W125:03.63	32.36	59.94
T2844.0	N55:08.55	W126:00.00	N55:09.71	W125:03.77	32.28	59.79
T2845.0	N55:08.68	W126:00.00	N55:09.85	W125:03.90	32.20	59.63
T2846.0	N55:08.82	W126:00.00	N55:09.98	W125:04.04	32.12	59.48
T2847.0	N55:08.95	W126:00.00	N55:10.11	W125:04.18	32.04	59.33
T2848.0	N55:09.09	W126:00.00	N55:10.24	W125:04.32	31.96	59.18
T2849.0	N55:09.22	W126:00.00	N55:10.38	W125:04.46	31.87	59.03
T2850.0	N55:09.35	W126:00.00	N55:10.51	W125:04.60	31.79	58.88
T2851.0	N55:09.49	W126:00.00	N55:10.64	W125:04.74	31.71	58.73

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2852.0	N55:09.62	W126:00.00	N55:10.00	W125:44.14	9.11	16.87
T2852.1	N55:10.01	W125:43.64	N55:10.77	W125:04.88	22.24	41.19
T2853.0	N55:09.76	W126:00.00	N55:10.12	W125:44.51	8.89	16.47
T2853.1	N55:10.15	W125:43.40	N55:10.91	W125:05.01	22.02	40.78
T2854.0	N55:09.89	W126:00.00	N55:10.25	W125:44.88	8.68	16.07
T2854.1	N55:10.28	W125:43.45	N55:11.04	W125:05.15	21.97	40.69
T2855.0	N55:10.03	W126:00.00	N55:10.38	W125:45.25	8.46	15.68
T2855.1	N55:10.41	W125:43.64	N55:11.17	W125:05.29	22.00	40.74
T2856.0	N55:10.16	W126:00.00	N55:10.50	W125:45.62	8.25	15.28
T2856.1	N55:10.55	W125:43.64	N55:11.30	W125:05.43	21.92	40.59
T2857.0	N55:10.30	W126:00.00	N55:10.63	W125:46.00	8.04	14.88
T2857.1	N55:10.68	W125:43.64	N55:11.44	W125:05.57	21.83	40.44
T2858.0	N55:10.43	W126:00.00	N55:10.76	W125:46.37	7.82	14.49
T2858.1	N55:10.82	W125:43.68	N55:11.57	W125:05.66	21.81	40.38
T2859.0	N55:10.57	W126:00.00	N55:10.88	W125:46.74	7.61	14.09
T2859.1	N55:10.95	W125:43.74	N55:11.70	W125:05.85	21.73	40.25
T2860.0	N55:10.70	W126:00.00	N55:11.01	W125:47.19	7.35	13.61
T2860.1	N55:11.08	W125:43.80	N55:11.83	W125:05.99	21.68	40.16
T2861.0	N55:10.84	W126:00.00	N55:11.12	W125:48.06	6.85	12.68
T2861.1	N55:11.22	W125:43.86	N55:11.97	W125:06.13	21.64	40.07
T2862.0	N55:10.97	W126:00.00	N55:11.25	W125:48.45	6.62	12.27
T2862.1	N55:11.35	W125:43.91	N55:12.10	W125:06.26	21.59	39.98
T2863.0	N55:11.11	W126:00.00	N55:11.38	W125:48.73	6.46	11.97
T2863.1	N55:11.49	W125:43.97	N55:12.23	W125:06.40	21.54	39.89
T2864.0	N55:11.24	W126:00.00	N55:11.51	W125:49.01	6.30	11.67
T2864.1	N55:11.62	W125:44.03	N55:12.36	W125:06.54	21.49	39.80
T2865.0	N55:11.38	W126:00.00	N55:11.63	W125:49.30	6.14	11.37
T2865.1	N55:11.75	W125:44.09	N55:12.50	W125:06.68	21.44	39.72
T2866.0	N55:11.51	W126:00.00	N55:11.76	W125:49.58	5.98	11.07
T2866.1	N55:11.89	W125:44.15	N55:12.63	W125:06.82	21.40	39.63
T2867.0	N55:11.65	W126:00.00	N55:11.89	W125:49.86	5.82	10.78
T2867.1	N55:12.02	W125:44.20	N55:12.76	W125:06.96	21.35	39.54
T2868.0	N55:11.78	W126:00.00	N55:12.02	W125:50.14	5.66	10.48
T2868.1	N55:12.15	W125:44.26	N55:12.89	W125:07.10	21.30	39.45
T2869.0	N55:11.92	W126:00.00	N55:12.15	W125:50.42	5.50	10.18
T2869.1	N55:12.29	W125:44.32	N55:13.03	W125:07.24	21.25	39.36
T2870.0	N55:12.05	W126:00.00	N55:12.28	W125:50.70	5.33	9.88

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2870.1	N55:12.42	W125:44.38	N55:13.16	W125:07.38	21.21	39.27
T2871.0	N55:12.19	W126:00.00	N55:12.40	W125:50.98	5.17	9.58
T2871.1	N55:12.55	W125:44.40	N55:13.29	W125:07.52	21.14	39.15
T2872.0	N55:12.32	W126:00.00	N55:12.53	W125:51.28	5.00	9.26
T2872.1	N55:12.69	W125:44.41	N55:13.42	W125:07.65	21.06	39.01
T2873.0	N55:12.46	W126:00.00	N55:12.66	W125:51.71	4.75	8.81
T2873.1	N55:12.82	W125:44.43	N55:13.55	W125:07.79	20.99	38.88
T2874.0	N55:12.59	W126:00.00	N55:12.78	W125:52.13	4.51	8.35
T2874.1	N55:12.96	W125:44.44	N55:13.69	W125:07.93	20.92	38.74
T2875.0	N55:12.73	W126:00.00	N55:12.91	W125:52.56	4.27	7.90
T2875.1	N55:13.09	W125:44.45	N55:13.82	W125:07.97	20.90	38.71
T2876.0	N55:12.86	W126:00.00	N55:13.01	W125:53.85	3.53	6.53
T2876.1	N55:13.23	W125:44.46	N55:13.95	W125:08.21	20.77	38.47
T2877.0	N55:13.00	W126:00.00	N55:13.09	W125:56.04	2.27	4.20
T2877.1	N55:13.36	W125:44.48	N55:14.08	W125:08.35	20.70	38.33
T2878.0	N55:13.13	W126:00.00	N55:13.21	W125:56.63	1.93	3.58
T2878.1	N55:13.50	W125:44.49	N55:14.22	W125:08.49	20.62	38.20
T2879.0	N55:13.27	W126:00.00	N55:13.34	W125:56.98	1.73	3.21
T2879.1	N55:13.63	W125:44.50	N55:14.35	W125:08.63	20.55	38.06
T2880.0	N55:13.40	W126:00.00	N55:13.47	W125:57.33	1.53	2.84
T2880.1	N55:13.77	W125:44.52	N55:14.48	W125:08.77	20.48	37.92
T2881.0	N55:13.54	W126:00.00	N55:13.59	W125:57.68	1.33	2.47
T2881.1	N55:13.90	W125:44.53	N55:14.61	W125:08.91	20.40	37.79
T2882.0	N55:13.67	W126:00.00	N55:13.72	W125:58.02	1.13	2.10
T2882.1	N55:14.03	W125:44.54	N55:14.75	W125:09.05	20.33	37.65
T2883.0	N55:13.81	W126:00.00	N55:13.85	W125:58.24	1.01	1.86
T2883.1	N55:14.17	W125:44.55	N55:14.88	W125:09.19	20.26	37.51
T2884.0	N55:13.94	W126:00.00	N55:13.98	W125:58.32	0.96	1.78
T2884.1	N55:14.30	W125:44.57	N55:15.01	W125:09.33	20.18	37.38
T2885.0	N55:14.07	W126:00.00	N55:14.11	W125:58.40	0.92	1.70
T2885.1	N55:14.44	W125:44.58	N55:15.14	W125:09.46	20.11	37.24
T2886.0	N55:14.21	W126:00.00	N55:14.25	W125:58.47	0.88	1.62
T2886.1	N55:14.57	W125:44.58	N55:15.28	W125:09.60	20.03	37.10
T2887.0	N55:14.34	W126:00.00	N55:14.38	W125:58.55	0.83	1.54
T2887.1	N55:14.71	W125:44.54	N55:15.41	W125:09.74	19.93	36.90
T2888.0	N55:14.48	W126:00.00	N55:14.51	W125:58.63	0.79	1.46
T2888.1	N55:14.84	W125:44.50	N55:15.54	W125:09.88	19.82	36.71

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2889.0	N55:14.61	W126:00.00	N55:14.65	W125:58.70	0.74	1.38
T2889.1	N55:14.98	W125:44.46	N55:15.67	W125:10.02	19.72	36.51
T2890.0	N55:14.75	W126:00.00	N55:14.78	W125:58.78	0.70	1.30
T2890.1	N55:15.12	W125:44.42	N55:15.81	W125:10.16	19.61	36.32
T2891.0	N55:14.88	W126:00.00	N55:14.91	W125:58.85	0.66	1.22
T2891.1	N55:15.25	W125:44.37	N55:15.94	W125:10.29	19.51	36.14
T2892.0	N55:15.02	W126:00.00	N55:15.05	W125:58.90	0.63	1.16
T2892.1	N55:15.39	W125:44.33	N55:16.07	W125:10.44	19.40	35.93
T2893.0	N55:15.15	W126:00.00	N55:15.18	W125:58.92	0.62	1.14
T2893.1	N55:15.52	W125:44.38	N55:16.20	W125:10.58	19.35	35.84
T2894.0	N55:15.29	W126:00.00	N55:15.31	W125:58.94	0.61	1.12
T2894.1	N55:15.65	W125:44.45	N55:16.33	W125:10.72	19.30	35.75
T2895.0	N55:15.42	W126:00.00	N55:15.45	W125:58.96	0.60	1.10
T2895.1	N55:15.79	W125:44.51	N55:16.47	W125:10.86	19.26	35.67
T2896.0	N55:15.56	W126:00.00	N55:15.58	W125:58.98	0.58	1.08
T2896.1	N55:15.92	W125:44.57	N55:16.60	W125:11.00	19.22	35.59
T2897.0	N55:15.69	W126:00.00	N55:15.72	W125:59.00	0.57	1.06
T2897.1	N55:16.05	W125:44.64	N55:16.73	W125:11.14	19.17	35.51
T2898.0	N55:15.83	W126:00.00	N55:15.85	W125:59.02	0.56	1.04
T2898.1	N55:16.19	W125:44.70	N55:16.86	W125:11.28	19.13	35.42
T2899.0	N55:15.96	W126:00.00	N55:15.99	W125:59.04	0.55	1.02
T2899.1	N55:16.32	W125:44.77	N55:17.00	W125:11.42	19.08	35.34
T2900.0	N55:16.10	W126:00.00	N55:16.12	W125:59.06	0.54	1.00
T2900.1	N55:16.45	W125:44.90	N55:17.13	W125:11.56	19.08	35.34
T2901.0	N55:16.23	W126:00.00	N55:16.25	W125:59.10	0.52	0.96
T2901.1	N55:16.58	W125:45.10	N55:17.26	W125:11.70	19.11	35.39
T2902.0	N55:16.37	W126:00.00	N55:16.39	W125:59.15	0.49	0.90
T2902.1	N55:16.71	W125:45.29	N55:17.39	W125:11.84	19.14	35.45
T2903.0	N55:16.50	W126:00.00	N55:16.52	W125:59.22	0.45	0.83
T2903.1	N55:16.84	W125:45.49	N55:17.53	W125:11.98	19.17	35.51
T2904.0	N55:16.64	W126:00.00	N55:16.65	W125:59.32	0.39	0.72
T2904.1	N55:16.98	W125:45.69	N55:17.66	W125:12.11	19.21	35.57
T2905.0	N55:16.77	W126:00.00	N55:16.79	W125:59.43	0.33	0.61
T2905.1	N55:17.10	W125:45.96	N55:17.79	W125:12.25	19.28	35.71
T2906.0	N55:16.91	W126:00.00	N55:16.92	W125:59.54	0.27	0.49
T2906.1	N55:17.24	W125:46.08	N55:17.92	W125:12.39	19.27	35.69
T2907.0	N55:17.04	W126:00.00	N55:17.05	W125:59.64	0.20	0.38

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2907.1	N55:17.37	W125:46.19	N55:18.05	W125:12.53	19.25	35.65
T2908.0	N55:17.18	W126:00.00	N55:17.19	W125:59.50	0.29	0.53
T2908.1	N55:17.50	W125:46.28	N55:18.19	W125:12.60	19.26	35.67
T2909.0	N55:17.31	W126:00.00	N55:17.33	W125:59.28	0.41	0.77
T2909.1	N55:17.63	W125:46.37	N55:18.32	W125:12.81	19.19	35.54
T2910.0	N55:17.45	W126:00.00	N55:17.47	W125:59.06	0.54	1.00
T2910.1	N55:17.77	W125:46.46	N55:18.45	W125:12.95	19.16	35.49
T2911.0	N55:17.58	W126:00.00	N55:17.61	W125:58.92	0.62	1.15
T2911.1	N55:17.90	W125:46.55	N55:18.58	W125:13.09	19.13	35.43
T2912.0	N55:17.72	W126:00.00	N55:17.74	W125:58.83	0.67	1.24
T2912.1	N55:18.03	W125:46.64	N55:18.72	W125:13.23	19.10	35.38
T2913.0	N55:17.85	W126:00.00	N55:17.88	W125:58.65	0.77	1.43
T2913.1	N55:18.17	W125:46.73	N55:18.85	W125:13.37	19.07	35.32
T2914.0	N55:17.99	W126:00.00	N55:18.03	W125:58.29	0.98	1.81
T2914.1	N55:18.30	W125:46.81	N55:18.98	W125:13.51	19.04	35.26
T2915.0	N55:18.12	W126:00.00	N55:18.17	W125:57.93	1.18	2.19
T2915.1	N55:18.43	W125:46.90	N55:19.11	W125:13.65	19.01	35.21
T2916.0	N55:18.26	W126:00.00	N55:18.32	W125:57.48	1.44	2.67
T2916.1	N55:18.56	W125:46.99	N55:19.25	W125:13.79	18.98	35.15
T2917.0	N55:18.39	W126:00.00	N55:18.45	W125:57.48	1.44	2.67
T2917.1	N55:18.70	W125:47.08	N55:19.38	W125:13.93	18.95	35.10
T2918.0	N55:18.53	W126:00.00	N55:18.59	W125:57.48	1.44	2.67
T2918.1	N55:18.83	W125:47.17	N55:19.51	W125:14.07	18.92	35.04
T2919.0	N55:18.66	W126:00.00	N55:18.72	W125:57.48	1.44	2.67
T2919.1	N55:18.96	W125:47.26	N55:19.64	W125:14.21	18.89	34.99
T2920.0	N55:18.79	W126:00.00	N55:18.86	W125:57.48	1.44	2.67
T2920.1	N55:19.09	W125:47.35	N55:19.77	W125:14.35	18.86	34.93
T2921.0	N55:18.93	W126:00.00	N55:18.99	W125:57.48	1.44	2.67
T2921.1	N55:19.23	W125:47.44	N55:19.91	W125:14.49	18.83	34.87
T2922.0	N55:19.06	W126:00.00	N55:19.13	W125:57.48	1.44	2.67
T2922.1	N55:19.36	W125:47.53	N55:20.04	W125:14.63	18.80	34.82
T2923.0	N55:19.20	W126:00.00	N55:19.26	W125:57.48	1.44	2.67
T2923.1	N55:19.49	W125:47.63	N55:20.17	W125:14.77	18.78	34.78
T2924.0	N55:19.33	W126:00.00	N55:19.40	W125:57.48	1.44	2.67
T2924.1	N55:19.63	W125:47.74	N55:20.30	W125:14.91	18.76	34.74
T2925.0	N55:19.47	W126:00.00	N55:19.53	W125:57.48	1.44	2.67
T2925.1	N55:19.76	W125:47.84	N55:20.44	W125:14.92	18.81	34.84

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2926.0	N55:19.60	W126:00.00	N55:19.67	W125:57.48	1.44	2.67
T2926.1	N55:19.89	W125:47.95	N55:20.57	W125:15.19	18.72	34.66
T2927.0	N55:19.74	W126:00.00	N55:19.80	W125:57.48	1.44	2.67
T2927.1	N55:20.02	W125:48.05	N55:20.70	W125:15.33	18.70	34.63
T2928.0	N55:19.87	W126:00.00	N55:19.94	W125:57.48	1.44	2.67
T2928.1	N55:20.16	W125:48.16	N55:20.83	W125:15.47	18.68	34.59
T2929.0	N55:20.01	W126:00.00	N55:20.07	W125:57.48	1.44	2.67
T2929.1	N55:20.29	W125:48.31	N55:20.96	W125:15.61	18.68	34.60
T2930.0	N55:20.14	W126:00.00	N55:20.20	W125:57.48	1.44	2.67
T2930.1	N55:20.42	W125:48.37	N55:21.10	W125:15.75	18.63	34.51
T2931.0	N55:20.28	W126:00.00	N55:20.34	W125:57.48	1.44	2.67
T2931.1	N55:20.55	W125:48.54	N55:21.23	W125:15.89	18.65	34.54
T2932.0	N55:20.41	W126:00.00	N55:20.47	W125:57.48	1.44	2.67
T2932.1	N55:20.68	W125:48.72	N55:21.36	W125:16.03	18.67	34.58
T2933.0	N55:20.55	W126:00.00	N55:20.61	W125:57.48	1.44	2.67
T2933.1	N55:20.81	W125:48.90	N55:21.49	W125:16.17	18.70	34.63
T2934.0	N55:20.68	W126:00.00	N55:20.74	W125:57.48	1.44	2.67
T2934.1	N55:20.94	W125:49.09	N55:21.63	W125:16.31	18.72	34.67
T2935.0	N55:20.82	W126:00.00	N55:20.88	W125:57.48	1.44	2.67
T2935.1	N55:21.07	W125:49.27	N55:21.76	W125:16.45	18.74	34.71
T2936.0	N55:20.95	W126:00.00	N55:21.01	W125:57.48	1.44	2.67
T2936.1	N55:21.20	W125:49.45	N55:21.89	W125:16.59	18.77	34.76
T2937.0	N55:21.09	W126:00.00	N55:21.15	W125:57.48	1.44	2.67
T2937.1	N55:21.33	W125:49.64	N55:22.02	W125:16.73	18.79	34.80
T2938.0	N55:21.22	W126:00.00	N55:21.28	W125:57.48	1.44	2.67
T2938.1	N55:21.47	W125:49.82	N55:22.15	W125:16.87	18.81	34.84
T2939.0	N55:21.36	W126:00.00	N55:21.42	W125:57.48	1.44	2.67
T2939.1	N55:21.60	W125:50.00	N55:22.29	W125:17.01	18.84	34.89
T2940.0	N55:21.49	W126:00.00	N55:21.55	W125:57.48	1.44	2.67
T2940.1	N55:21.73	W125:50.18	N55:22.42	W125:17.15	18.86	34.93
T2941.0	N55:21.63	W126:00.00	N55:21.69	W125:57.48	1.44	2.67
T2941.1	N55:21.86	W125:50.37	N55:22.55	W125:17.25	18.91	35.01
T2942.0	N55:21.76	W126:00.00	N55:21.82	W125:57.48	1.44	2.67
T2942.1	N55:21.98	W125:50.67	N55:22.68	W125:17.43	18.97	35.14
T2943.0	N55:21.90	W126:00.00	N55:21.96	W125:57.48	1.44	2.67
T2943.1	N55:22.12	W125:50.73	N55:22.82	W125:17.57	18.93	35.06
T2944.0	N55:22.03	W126:00.00	N55:22.09	W125:57.48	1.44	2.67

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T2944.1	N55:22.25	W125:50.91	N55:22.95	W125:17.71	18.95	35.10
T2945.0	N55:22.17	W126:00.00	N55:22.23	W125:57.47	1.44	2.67
T2945.1	N55:22.38	W125:51.10	N55:23.08	W125:17.85	18.98	35.14
T2946.0	N55:22.30	W126:00.00	N55:22.36	W125:57.47	1.44	2.68
T2946.1	N55:22.51	W125:51.28	N55:23.21	W125:17.99	19.00	35.19
T2947.0	N55:22.44	W126:00.00	N55:22.51	W125:56.87	1.79	3.31
T2947.1	N55:22.64	W125:51.46	N55:23.34	W125:18.13	19.02	35.23
T2948.0	N55:22.57	W126:00.00	N55:22.67	W125:56.03	2.27	4.20
T2948.1	N55:22.77	W125:51.65	N55:23.48	W125:18.27	19.05	35.27
T2949.0	N55:22.71	W126:00.00	N55:22.82	W125:55.11	2.79	5.17
T2949.1	N55:22.90	W125:51.83	N55:23.61	W125:18.41	19.07	35.32
T2950.0	N55:22.84	W126:00.00	N55:22.98	W125:54.34	3.23	5.98
T2950.1	N55:23.03	W125:52.01	N55:23.74	W125:18.55	19.09	35.36
T2951.0	N55:22.98	W126:00.00	N55:23.13	W125:53.50	3.71	6.88
T2951.1	N55:23.16	W125:52.19	N55:23.87	W125:18.69	19.12	35.40
T2952.0	N55:23.11	W126:00.00	N55:23.29	W125:52.65	4.19	7.77
T2952.1	N55:23.29	W125:52.38	N55:24.01	W125:18.84	19.14	35.45
T2953.0	N55:23.25	W126:00.00	N55:24.14	W125:18.98	23.41	43.35
T2954.0	N55:23.38	W126:00.00	N55:24.27	W125:19.12	23.33	43.20
T2955.0	N55:23.51	W126:00.00	N55:24.40	W125:19.26	23.25	43.05
T2956.0	N55:23.65	W126:00.00	N55:24.53	W125:19.40	23.16	42.90
T2957.0	N55:23.78	W126:00.00	N55:24.67	W125:19.54	23.08	42.75
T2958.0	N55:23.92	W126:00.00	N55:24.80	W125:19.58	23.06	42.70
T2959.0	N55:24.05	W126:00.00	N55:24.93	W125:19.82	22.92	42.45
T2960.0	N55:24.19	W126:00.00	N55:25.06	W125:19.96	22.84	42.30
T2961.0	N55:24.32	W126:00.00	N55:25.19	W125:20.10	22.76	42.15
T2962.0	N55:24.46	W126:00.00	N55:25.25	W125:24.41	20.30	37.59
T2963.0	N55:24.59	W126:00.00	N55:25.26	W125:30.62	16.76	31.03
T2964.0	N55:24.73	W126:00.00	N55:25.28	W125:35.90	13.75	25.46
T2965.0	N55:24.86	W126:00.00	N55:25.31	W125:40.99	10.84	20.08
T2966.0	N55:25.00	W126:00.00	N55:25.33	W125:45.73	8.14	15.07
T2967.0	N55:25.13	W126:00.00	N55:25.33	W125:51.73	4.72	8.74
T2968.0	N55:25.27	W126:00.00	N55:25.38	W125:55.21	2.73	5.06

Zone 10 - PLANNED SURVEY LINES
WGS-84

SEGMENT NO	START LAT	START LONG	END LAT	END LONG	LENGTH NM	LENGTH KM

Total control line length = 2690.61 nautical miles
= 4983.01 kilometers.

Total traverse line length = 27333.82 nautical miles
= 50622.23 kilometers.

Total length of all lines = 30024.43 nautical miles
= 55605.24 kilometers.

French Project - PLANNED SURVEY LINES
WGS-84

SEGMENT NO	START LAT	START LONG	END LAT	END LONG	LENGTH NM	LENGTH KM
C0106.0	N55:25.10	W126:54.48	N55:26.74	W126:54.52	1.64	3.03
C0107.0	N55:25.07	W126:52.11	N55:26.71	W126:52.15	1.65	3.05
C0108.0	N55:25.03	W126:49.74	N55:26.67	W126:49.78	1.65	3.05
T1962.0	N55:25.60	W126:54.64	N55:25.51	W126:49.61	2.86	5.30
T1963.0	N55:25.73	W126:54.64	N55:25.56	W126:44.87	5.57	10.31
T1964.0	N55:25.87	W126:54.64	N55:25.77	W126:49.14	3.13	5.80
T1965.0	N55:26.00	W126:54.65	N55:25.90	W126:49.15	3.13	5.80
T1966.0	N55:26.14	W126:54.65	N55:26.04	W126:49.15	3.13	5.80
T1967.0	N55:26.27	W126:54.65	N55:26.17	W126:49.15	3.13	5.80
T1968.0	N55:26.41	W126:54.66	N55:26.31	W126:49.15	3.13	5.80
T1969.0	N55:26.54	W126:54.66	N55:26.44	W126:49.16	3.13	5.80
T1970.0	N55:26.67	W126:54.66	N55:26.58	W126:49.16	3.13	5.80

Total control line length = 4.93 nautical miles
= 9.13 kilometers.

Total traverse line length = 30.37 nautical miles
= 56.25 kilometers.

Total length of all lines = 35.30 nautical miles
= 65.38 kilometers.

SW Extension - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
C0401.0	N53:31.33	W127:44.07	N53:42.15	W127:44.52	10.84	20.07
C0402.0	N53:31.30	W127:41.81	N53:42.14	W127:42.25	10.86	20.11
C0403.0	N53:26.83	W127:39.37	N53:42.23	W127:39.98	15.43	28.58
C0404.0	N53:26.80	W127:37.11	N53:42.21	W127:37.71	15.43	28.58
C0405.0	N53:26.77	W127:34.85	N53:42.18	W127:35.44	15.43	28.58
C0406.0	N53:26.73	W127:32.59	N53:42.16	W127:33.16	15.46	28.63
C0407.0	N53:19.43	W127:30.07	N53:42.26	W127:30.89	22.86	42.34
C0408.0	N53:19.41	W127:27.81	N53:42.23	W127:28.62	22.86	42.34
C0409.0	N53:19.37	W127:25.56	N53:42.20	W127:26.35	22.87	42.35
C0410.0	N53:19.35	W127:23.31	N53:42.17	W127:24.07	22.86	42.34
C0411.0	N53:19.32	W127:21.05	N53:42.31	W127:21.80	23.03	42.65
C0412.0	N53:19.28	W127:18.80	N53:42.24	W127:19.53	23.00	42.59
C0413.0	N53:19.37	W127:16.55	N53:42.21	W127:17.26	22.88	42.37
C0414.0	N53:19.35	W127:14.30	N53:42.18	W127:14.98	22.86	42.34
C0415.0	N53:19.32	W127:12.05	N53:42.17	W127:12.71	22.89	42.38
C0416.0	N53:22.37	W127:09.88	N53:42.25	W127:10.44	19.91	36.87
C0417.0	N53:22.35	W127:07.62	N53:42.21	W127:08.17	19.89	36.83
C0418.0	N53:22.32	W127:05.37	N53:42.18	W127:05.90	19.89	36.83
C0419.0	N53:22.28	W127:03.11	N53:42.15	W127:03.62	19.90	36.86
C0420.0	N53:22.37	W127:00.86	N53:42.24	W127:01.35	19.90	36.86
C0421.0	N53:29.87	W126:58.79	N53:42.20	W126:59.08	12.35	22.88
C0422.0	N53:29.86	W126:56.52	N53:48.23	W126:56.95	18.40	34.08
C0423.0	N53:29.82	W126:54.26	N53:48.19	W126:54.67	18.40	34.08
C0424.0	N53:29.78	W126:52.00	N53:48.15	W126:52.39	18.40	34.08
C0425.0	N53:31.36	W126:49.77	N53:48.41	W126:50.12	17.08	31.64
C0426.0	N53:31.31	W126:47.51	N53:48.34	W126:47.84	17.05	31.58
C0427.0	N53:31.27	W126:45.25	N53:48.30	W126:45.56	17.05	31.58
C0428.0	N53:38.78	W126:43.12	N53:48.28	W126:43.28	9.51	17.61
C0429.0	N53:43.33	W126:40.92	N53:48.89	W126:41.02	5.57	10.31
C0430.0	N53:43.28	W126:38.65	N53:48.84	W126:38.74	5.57	10.31
C0431.0	N53:43.37	W126:36.38	N53:48.81	W126:36.46	5.45	10.10
T4001.0	N53:19.52	W127:30.20	N53:19.36	W127:18.67	6.92	12.81
T4002.0	N53:19.65	W127:30.21	N53:19.40	W127:11.91	10.97	20.32
T4003.0	N53:19.79	W127:30.21	N53:19.53	W127:11.92	10.97	20.32
T4004.0	N53:19.92	W127:30.22	N53:19.67	W127:11.92	10.97	20.32
T4005.0	N53:20.06	W127:30.22	N53:19.80	W127:11.92	10.97	20.32
T4006.0	N53:20.19	W127:30.23	N53:19.94	W127:11.93	10.97	20.32

SW Extension - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T4007.0	N53:20.33	W127:30.23	N53:20.07	W127:11.93	10.97	20.32
T4008.0	N53:20.46	W127:30.24	N53:20.21	W127:11.94	10.97	20.32
T4009.0	N53:20.60	W127:30.24	N53:20.34	W127:11.94	10.97	20.32
T4010.0	N53:20.73	W127:30.25	N53:20.48	W127:11.94	10.97	20.32
T4011.0	N53:20.87	W127:30.25	N53:20.61	W127:11.95	10.97	20.32
T4012.0	N53:21.00	W127:30.26	N53:20.75	W127:11.95	10.97	20.32
T4013.0	N53:21.14	W127:30.26	N53:20.88	W127:11.96	10.97	20.32
T4014.0	N53:21.27	W127:30.27	N53:21.02	W127:11.96	10.97	20.32
T4015.0	N53:21.41	W127:30.27	N53:21.15	W127:11.96	10.97	20.32
T4016.0	N53:21.54	W127:30.28	N53:21.29	W127:11.97	10.97	20.32
T4017.0	N53:21.68	W127:30.28	N53:21.42	W127:11.97	10.97	20.32
T4018.0	N53:21.81	W127:30.29	N53:21.56	W127:11.97	10.97	20.32
T4019.0	N53:21.94	W127:30.29	N53:21.69	W127:11.98	10.97	20.32
T4020.0	N53:22.08	W127:30.30	N53:21.83	W127:11.98	10.97	20.32
T4021.0	N53:22.21	W127:30.30	N53:21.96	W127:11.99	10.97	20.32
T4022.0	N53:22.35	W127:30.31	N53:22.10	W127:11.99	10.97	20.32
T4023.0	N53:22.48	W127:30.31	N53:22.23	W127:11.99	10.97	20.32
T4024.0	N53:22.62	W127:30.32	N53:22.37	W127:12.00	10.97	20.32
T4025.0	N53:22.75	W127:30.32	N53:22.36	W127:02.98	16.38	30.33
T4026.0	N53:22.89	W127:30.32	N53:22.46	W127:00.73	17.73	32.83
T4027.0	N53:23.02	W127:30.33	N53:22.58	W126:59.99	18.17	33.65
T4028.0	N53:23.16	W127:30.33	N53:22.71	W126:59.99	18.17	33.65
T4029.0	N53:23.29	W127:30.34	N53:22.85	W126:59.99	18.17	33.65
T4030.0	N53:23.43	W127:30.34	N53:22.98	W126:59.99	18.17	33.66
T4031.0	N53:23.56	W127:30.35	N53:23.12	W126:59.99	18.18	33.66
T4032.0	N53:23.70	W127:30.35	N53:23.25	W127:00.00	18.18	33.66
T4033.0	N53:23.83	W127:30.36	N53:23.39	W127:00.00	18.18	33.67
T4034.0	N53:23.97	W127:30.36	N53:23.52	W127:00.00	18.18	33.67
T4035.0	N53:24.10	W127:30.37	N53:23.66	W127:00.00	18.18	33.68
T4036.0	N53:24.24	W127:30.37	N53:23.79	W127:00.00	18.19	33.68
T4037.0	N53:24.37	W127:30.38	N53:23.93	W127:00.00	18.19	33.68
T4038.0	N53:24.51	W127:30.38	N53:24.06	W127:00.00	18.19	33.69
T4039.0	N53:24.64	W127:30.39	N53:24.20	W127:00.00	18.19	33.69
T4040.0	N53:24.78	W127:30.39	N53:24.33	W127:00.00	18.19	33.69
T4041.0	N53:24.91	W127:30.40	N53:24.47	W127:00.00	18.19	33.70
T4042.0	N53:25.05	W127:30.40	N53:24.60	W127:00.00	18.20	33.70
T4043.0	N53:25.18	W127:30.41	N53:24.74	W127:00.00	18.20	33.70

SW Extension - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T4044.0	N53:25.32	W127:30.41	N53:24.87	W127:00.00	18.20	33.71
T4045.0	N53:25.45	W127:30.42	N53:25.01	W127:00.00	18.20	33.71
T4046.0	N53:25.59	W127:30.42	N53:25.14	W127:00.00	18.20	33.71
T4047.0	N53:25.72	W127:30.43	N53:25.28	W127:00.00	18.21	33.72
T4048.0	N53:25.86	W127:30.43	N53:25.41	W127:00.00	18.21	33.72
T4049.0	N53:25.99	W127:30.44	N53:25.55	W127:00.00	18.21	33.72
T4050.0	N53:26.13	W127:30.44	N53:25.68	W127:00.00	18.21	33.73
T4051.0	N53:26.26	W127:30.45	N53:25.82	W127:00.00	18.21	33.73
T4052.0	N53:26.40	W127:30.45	N53:25.95	W127:00.00	18.22	33.74
T4053.0	N53:26.53	W127:30.46	N53:26.09	W127:00.00	18.22	33.74
T4054.0	N53:26.67	W127:30.46	N53:26.22	W127:00.00	18.22	33.74
T4055.0	N53:26.91	W127:39.51	N53:26.36	W127:00.00	23.63	43.75
T4056.0	N53:27.04	W127:39.51	N53:26.49	W127:00.00	23.63	43.76
T4057.0	N53:27.18	W127:39.52	N53:26.63	W127:00.00	23.63	43.76
T4058.0	N53:27.31	W127:39.52	N53:26.76	W127:00.00	23.63	43.77
T4059.0	N53:27.45	W127:39.53	N53:26.90	W127:00.00	23.63	43.77
T4060.0	N53:27.58	W127:39.53	N53:27.03	W127:00.00	23.64	43.77
T4061.0	N53:27.72	W127:39.54	N53:27.17	W127:00.00	23.64	43.78
T4062.0	N53:27.85	W127:39.54	N53:27.30	W127:00.00	23.64	43.78
T4063.0	N53:27.99	W127:39.55	N53:27.43	W127:00.00	23.64	43.78
T4064.0	N53:28.12	W127:39.55	N53:27.57	W127:00.00	23.64	43.79
T4065.0	N53:28.26	W127:39.56	N53:27.70	W127:00.00	23.64	43.79
T4066.0	N53:28.39	W127:39.57	N53:27.84	W127:00.00	23.65	43.79
T4067.0	N53:28.53	W127:39.57	N53:27.97	W127:00.00	23.65	43.80
T4068.0	N53:28.66	W127:39.58	N53:28.11	W127:00.00	23.65	43.80
T4069.0	N53:28.80	W127:39.58	N53:28.24	W127:00.00	23.65	43.80
T4070.0	N53:28.93	W127:39.59	N53:28.38	W127:00.00	23.65	43.81
T4071.0	N53:29.07	W127:39.59	N53:28.51	W127:00.00	23.66	43.81
T4072.0	N53:29.20	W127:39.60	N53:28.65	W127:00.00	23.66	43.81
T4073.0	N53:29.34	W127:39.60	N53:28.78	W127:00.00	23.66	43.82
T4074.0	N53:29.47	W127:39.61	N53:28.92	W127:00.00	23.66	43.82
T4075.0	N53:29.61	W127:39.61	N53:29.05	W127:00.00	23.66	43.83
T4076.0	N53:29.74	W127:39.62	N53:29.19	W127:00.00	23.67	43.83
T4077.0	N53:29.88	W127:39.62	N53:29.32	W127:00.00	23.67	43.83
T4078.0	N53:30.01	W127:39.63	N53:29.46	W127:00.00	23.67	43.84
T4079.0	N53:30.15	W127:39.64	N53:29.59	W127:00.00	23.67	43.84
T4080.0	N53:30.28	W127:39.64	N53:29.73	W127:00.00	23.67	43.84

SW Extension - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T4081.0	N53:30.42	W127:39.65	N53:29.86	W127:00.00	23.68	43.85
T4082.0	N53:30.55	W127:39.65	N53:29.86	W126:51.87	28.54	52.85
T4083.0	N53:30.69	W127:39.66	N53:29.99	W126:51.87	28.54	52.85
T4084.0	N53:30.82	W127:39.66	N53:30.11	W126:51.00	29.06	53.81
T4085.0	N53:30.96	W127:39.67	N53:30.25	W126:51.00	29.06	53.82
T4086.0	N53:31.09	W127:39.67	N53:30.38	W126:51.00	29.06	53.82
T4087.0	N53:31.23	W127:39.68	N53:30.52	W126:51.00	29.06	53.82
T4088.0	N53:31.41	W127:44.21	N53:30.65	W126:51.00	31.77	58.83
T4089.0	N53:31.55	W127:45.00	N53:30.78	W126:51.00	32.23	59.70
T4090.0	N53:31.69	W127:45.00	N53:30.92	W126:51.00	32.23	59.70
T4091.0	N53:31.82	W127:45.00	N53:31.05	W126:51.00	32.23	59.69
T4092.0	N53:31.96	W127:45.00	N53:31.19	W126:51.00	32.23	59.69
T4093.0	N53:32.09	W127:45.00	N53:31.32	W126:51.00	32.23	59.69
T4094.0	N53:32.23	W127:45.00	N53:31.35	W126:45.11	35.74	66.19
T4095.0	N53:32.36	W127:45.00	N53:31.49	W126:45.11	35.74	66.19
T4096.0	N53:32.50	W127:45.00	N53:31.62	W126:45.00	35.80	66.31
T4097.0	N53:32.63	W127:45.00	N53:31.75	W126:45.00	35.80	66.31
T4098.0	N53:32.77	W127:45.00	N53:31.89	W126:45.00	35.80	66.30
T4099.0	N53:32.90	W127:45.00	N53:32.02	W126:45.00	35.80	66.30
T4100.0	N53:33.04	W127:45.00	N53:32.16	W126:45.00	35.80	66.30
T4101.0	N53:33.17	W127:45.00	N53:32.29	W126:45.00	35.79	66.29
T4102.0	N53:33.31	W127:45.00	N53:32.43	W126:45.00	35.79	66.29
T4103.0	N53:33.44	W127:45.00	N53:32.56	W126:45.00	35.79	66.28
T4104.0	N53:33.58	W127:45.00	N53:32.70	W126:45.00	35.79	66.28
T4105.0	N53:33.71	W127:45.00	N53:32.83	W126:45.00	35.79	66.28
T4106.0	N53:33.85	W127:45.00	N53:32.97	W126:45.00	35.79	66.27
T4107.0	N53:33.98	W127:45.00	N53:33.10	W126:45.00	35.78	66.27
T4108.0	N53:34.11	W127:45.00	N53:33.24	W126:45.00	35.78	66.27
T4109.0	N53:34.25	W127:45.00	N53:33.37	W126:45.00	35.78	66.26
T4110.0	N53:34.38	W127:45.00	N53:33.51	W126:45.00	35.78	66.26
T4111.0	N53:34.52	W127:45.00	N53:33.64	W126:45.00	35.78	66.26
T4112.0	N53:34.65	W127:45.00	N53:33.78	W126:45.00	35.77	66.25
T4113.0	N53:34.79	W127:45.00	N53:33.91	W126:45.00	35.77	66.25
T4114.0	N53:34.92	W127:45.00	N53:34.05	W126:45.00	35.77	66.25
T4115.0	N53:35.06	W127:45.00	N53:34.18	W126:45.00	35.77	66.24
T4116.0	N53:35.19	W127:45.00	N53:34.32	W126:45.00	35.77	66.24
T4117.0	N53:35.33	W127:45.00	N53:34.45	W126:45.00	35.76	66.24

SW Extension - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T4118.0	N53:35.46	W127:45.00	N53:34.59	W126:45.00	35.76	66.23
T4119.0	N53:35.60	W127:45.00	N53:34.72	W126:45.00	35.76	66.23
T4120.0	N53:35.73	W127:45.00	N53:34.86	W126:45.00	35.76	66.23
T4121.0	N53:35.87	W127:45.00	N53:34.99	W126:45.00	35.76	66.22
T4122.0	N53:36.00	W127:45.00	N53:35.12	W126:45.00	35.76	66.22
T4123.0	N53:36.14	W127:45.00	N53:35.26	W126:45.00	35.75	66.21
T4124.0	N53:36.27	W127:45.00	N53:35.39	W126:45.00	35.75	66.21
T4125.0	N53:36.41	W127:45.00	N53:35.53	W126:45.00	35.75	66.21
T4126.0	N53:36.54	W127:45.00	N53:35.66	W126:45.00	35.75	66.20
T4127.0	N53:36.68	W127:45.00	N53:35.80	W126:45.00	35.75	66.20
T4128.0	N53:36.81	W127:45.00	N53:35.93	W126:45.00	35.74	66.20
T4129.0	N53:36.95	W127:45.00	N53:36.07	W126:45.00	35.74	66.19
T4130.0	N53:37.08	W127:45.00	N53:36.20	W126:45.00	35.74	66.19
T4131.0	N53:37.22	W127:45.00	N53:36.34	W126:45.00	35.74	66.19
T4132.0	N53:37.35	W127:45.00	N53:36.47	W126:45.00	35.74	66.18
T4133.0	N53:37.49	W127:45.00	N53:36.61	W126:45.00	35.73	66.18
T4134.0	N53:37.62	W127:45.00	N53:36.74	W126:45.00	35.73	66.18
T4135.0	N53:37.76	W127:45.00	N53:36.88	W126:45.00	35.73	66.17
T4136.0	N53:37.89	W127:45.00	N53:37.01	W126:45.00	35.73	66.17
T4137.0	N53:38.03	W127:45.00	N53:37.15	W126:45.00	35.73	66.17
T4138.0	N53:38.16	W127:45.00	N53:37.28	W126:45.00	35.72	66.16
T4139.0	N53:38.29	W127:45.00	N53:37.42	W126:45.00	35.72	66.16
T4140.0	N53:38.43	W127:45.00	N53:37.55	W126:45.00	35.72	66.16
T4141.0	N53:38.56	W127:45.00	N53:37.69	W126:45.00	35.72	66.15
T4142.0	N53:38.70	W127:45.00	N53:37.82	W126:45.00	35.72	66.15
T4143.0	N53:38.83	W127:45.00	N53:37.96	W126:45.00	35.72	66.14
T4144.0	N53:38.97	W127:45.00	N53:38.09	W126:45.00	35.71	66.14
T4145.0	N53:39.10	W127:45.00	N53:38.23	W126:45.00	35.71	66.14
T4146.0	N53:39.24	W127:45.00	N53:38.36	W126:45.00	35.71	66.13
T4147.0	N53:39.37	W127:45.00	N53:38.50	W126:45.00	35.71	66.13
T4148.0	N53:39.51	W127:45.00	N53:38.63	W126:45.00	35.71	66.13
T4149.0	N53:39.64	W127:45.00	N53:38.77	W126:45.00	35.70	66.12
T4150.0	N53:39.78	W127:45.00	N53:38.86	W126:42.98	36.90	68.34
T4151.0	N53:39.91	W127:45.00	N53:39.00	W126:42.98	36.90	68.34
T4152.0	N53:40.05	W127:45.00	N53:39.11	W126:42.00	37.48	69.42
T4153.0	N53:40.18	W127:45.00	N53:39.25	W126:42.00	37.48	69.42
T4154.0	N53:40.32	W127:45.00	N53:39.38	W126:42.00	37.48	69.41

SW Extension - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T4155.0	N53:40.45	W127:45.00	N53:39.52	W126:42.00	37.48	69.41
T4156.0	N53:40.59	W127:45.00	N53:39.65	W126:42.00	37.48	69.40
T4157.0	N53:40.72	W127:45.00	N53:39.79	W126:42.00	37.47	69.40
T4158.0	N53:40.86	W127:45.00	N53:39.92	W126:41.96	37.50	69.45
T4159.0	N53:40.99	W127:45.00	N53:40.06	W126:41.96	37.49	69.44
T4160.0	N53:41.13	W127:45.00	N53:40.19	W126:41.96	37.49	69.43
T4161.0	N53:41.26	W127:45.00	N53:40.33	W126:41.96	37.49	69.43
T4162.0	N53:41.40	W127:45.00	N53:40.46	W126:41.96	37.48	69.42
T4163.0	N53:41.53	W127:45.00	N53:40.60	W126:41.97	37.48	69.41
T4164.0	N53:41.67	W127:45.00	N53:40.73	W126:41.97	37.48	69.41
T4165.0	N53:41.80	W127:45.00	N53:40.87	W126:41.97	37.47	69.40
T4166.0	N53:41.94	W127:45.00	N53:41.00	W126:41.97	37.47	69.40
T4167.0	N53:42.07	W127:44.66	N53:41.14	W126:41.98	37.26	69.01
T4168.0	N53:42.15	W127:40.12	N53:41.27	W126:41.98	34.56	64.01
T4169.0	N53:42.18	W127:31.03	N53:41.41	W126:41.95	29.17	54.03
T4170.0	N53:42.20	W127:21.94	N53:41.54	W126:41.96	23.77	44.02
T4171.0	N53:42.17	W127:10.58	N53:41.68	W126:41.96	17.01	31.51
T4172.0	N53:42.16	W127:01.49	N53:41.81	W126:41.96	11.61	21.50
T4173.0	N53:42.22	W126:57.00	N53:41.94	W126:41.96	8.94	16.56
T4174.0	N53:42.35	W126:57.00	N53:42.08	W126:41.97	8.94	16.55
T4175.0	N53:42.49	W126:57.00	N53:42.21	W126:41.97	8.94	16.55
T4176.0	N53:42.62	W126:57.00	N53:42.35	W126:41.97	8.93	16.55
T4177.0	N53:42.76	W126:57.00	N53:42.48	W126:41.97	8.93	16.54
T4178.0	N53:42.89	W126:57.00	N53:42.62	W126:41.97	8.93	16.54
T4179.0	N53:43.03	W126:57.00	N53:42.75	W126:41.98	8.93	16.54
T4180.0	N53:43.16	W126:57.00	N53:42.89	W126:41.98	8.93	16.53
T4181.0	N53:43.30	W126:57.00	N53:43.02	W126:41.98	8.92	16.53
T4182.0	N53:43.43	W126:57.00	N53:43.16	W126:41.98	8.92	16.52
T4183.0	N53:43.57	W126:57.00	N53:43.29	W126:41.99	8.92	16.52
T4184.0	N53:43.70	W126:57.00	N53:43.36	W126:38.52	10.98	20.34
T4185.0	N53:43.84	W126:57.00	N53:43.45	W126:36.24	12.33	22.84
T4186.0	N53:43.97	W126:57.00	N53:43.58	W126:36.00	12.48	23.11
T4187.0	N53:44.11	W126:57.00	N53:43.72	W126:36.00	12.48	23.11
T4188.0	N53:44.24	W126:57.00	N53:43.85	W126:36.00	12.48	23.10
T4189.0	N53:44.38	W126:57.00	N53:43.99	W126:36.00	12.47	23.10
T4190.0	N53:44.51	W126:57.00	N53:44.12	W126:36.00	12.47	23.10
T4191.0	N53:44.65	W126:57.00	N53:44.26	W126:36.00	12.47	23.10

SW Extension - PLANNED SURVEY LINES
WGS-84

SEGMENT	START		END		LENGTH	
NO	LAT	LONG	LAT	LONG	NM	KM
T4192.0	N53:44.78	W126:57.00	N53:44.39	W126:36.00	12.48	23.10
T4193.0	N53:44.92	W126:57.01	N53:44.52	W126:36.00	12.48	23.11
T4194.0	N53:45.05	W126:57.01	N53:44.66	W126:36.00	12.48	23.11
T4195.0	N53:45.18	W126:57.01	N53:44.79	W126:36.00	12.48	23.11
T4196.0	N53:45.32	W126:57.02	N53:44.93	W126:36.00	12.48	23.11
T4197.0	N53:45.45	W126:57.02	N53:45.06	W126:36.00	12.48	23.12
T4198.0	N53:45.59	W126:57.02	N53:45.20	W126:36.00	12.48	23.12
T4199.0	N53:45.72	W126:57.03	N53:45.33	W126:36.00	12.48	23.12
T4200.0	N53:45.86	W126:57.03	N53:45.47	W126:36.00	12.49	23.12
T4201.0	N53:45.99	W126:57.03	N53:45.60	W126:36.00	12.49	23.12
T4202.0	N53:46.13	W126:57.03	N53:45.74	W126:36.00	12.49	23.13
T4203.0	N53:46.26	W126:57.04	N53:45.87	W126:36.00	12.49	23.13
T4204.0	N53:46.40	W126:57.04	N53:46.01	W126:36.00	12.49	23.13
T4205.0	N53:46.53	W126:57.04	N53:46.14	W126:36.00	12.49	23.13
T4206.0	N53:46.67	W126:57.05	N53:46.28	W126:36.00	12.49	23.14
T4207.0	N53:46.80	W126:57.05	N53:46.41	W126:36.00	12.49	23.14
T4208.0	N53:46.94	W126:57.05	N53:46.55	W126:36.00	12.49	23.14
T4209.0	N53:47.07	W126:57.06	N53:46.68	W126:36.00	12.50	23.14
T4210.0	N53:47.21	W126:57.06	N53:46.82	W126:36.00	12.50	23.14
T4211.0	N53:47.34	W126:57.06	N53:46.95	W126:36.00	12.50	23.15
T4212.0	N53:47.48	W126:57.07	N53:47.09	W126:36.00	12.50	23.15
T4213.0	N53:47.61	W126:57.07	N53:47.22	W126:36.00	12.50	23.15
T4214.0	N53:47.75	W126:57.07	N53:47.36	W126:36.00	12.50	23.15
T4215.0	N53:47.88	W126:57.08	N53:47.49	W126:36.00	12.50	23.16
T4216.0	N53:48.02	W126:57.08	N53:47.63	W126:36.00	12.50	23.16
T4217.0	N53:48.15	W126:57.08	N53:47.76	W126:36.00	12.51	23.16
T4218.0	N53:48.17	W126:50.25	N53:47.90	W126:36.00	8.45	15.65
T4219.0	N53:48.30	W126:50.25	N53:48.03	W126:35.99	8.46	15.66
T4220.0	N53:48.28	W126:41.92	N53:48.17	W126:36.00	3.51	6.50

Total control line length = 533.87 nautical miles
= 988.72 kilometers.

Total traverse line length = 5140.76 nautical miles
= 9520.69 kilometers.

Total length of all lines = 5674.63 nautical miles
= 10509.41 kilometers.

SGL

Appendix III



FLOWN LINES
NAD-83 CSRS 2014, UTM10N

LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
101.00	95550.90	95622.00	235128.02	235367.40	6031715.82	6037213.79	1020	212	2016
102.00	80540.00	81131.00	237358.69	238952.16	6025180.03	6062603.69	1003	193	2016
102.10	80149.60	80373.60	239388.39	239940.32	6072724.52	6085527.39	1003	193	2016
103.00	80340.30	81023.30	239571.58	241438.15	6018529.43	6062304.31	1008	200	2016
103.10	86190.50	86442.10	241855.07	242432.35	6071794.11	6085317.92	2014	210	2016
103.20	81926.80	82582.90	243352.11	245243.82	6106560.77	6149854.46	2012	208	2016
104.00	63075.00	63906.60	241795.69	243952.96	6011815.82	6062087.35	1017	209	2016
104.10	85825.60	86093.50	244237.80	244928.78	6069097.63	6085102.87	2014	210	2016
104.20	65306.80	65996.80	245849.80	247737.58	6106371.70	6149639.17	2012	208	2016
105.00	80828.80	81644.90	244015.69	246431.22	6005097.55	6061873.72	3003	208	2016
105.10	85407.10	85743.50	246622.43	247424.45	6066383.98	6084884.98	2014	210	2016
105.20	64529.10	65226.20	248283.81	250228.61	6104806.42	6149422.13	2012	208	2016
106.00	66169.10	66678.70	246243.26	247653.21	5998604.98	6031740.92	2011	207	2016
106.01	95923.10	96764.70	247644.89	249819.02	6031550.63	6082388.75	1020	212	2016
106.10	56387.40	57177.40	250655.11	252725.77	6101675.97	6149306.21	1022	214	2016
106.11	71754.00	71796.30	252716.21	252818.99	6149102.42	6151427.00	3028	272	2016
107.00	82724.70	84184.20	248459.55	252348.39	5991919.75	6082970.33	1017	209	2016
107.10	79245.10	79930.70	253032.74	255222.15	6098724.46	6149087.58	2022	219	2016
107.11	71619.90	71653.00	255208.37	255316.07	6148887.19	6151235.99	3028	272	2016
108.00	64991.20	65884.20	250683.27	252954.00	5985199.76	6038721.75	2011	207	2016
108.10	64303.10	64938.20	253100.08	254865.70	6042228.55	6083290.49	2011	207	2016
108.20	63230.70	63973.80	255723.27	257717.74	6103160.01	6148871.11	2011	207	2016
108.21	75936.70	76045.40	255415.19	255733.76	6096004.16	6103350.23	2021	217	2016
108.22	71461.00	71503.20	257708.62	257807.66	6148669.52	6151025.06	3028	272	2016
109.00	77729.20	78571.00	252911.96	255179.18	5978669.07	6032257.80	1019	211	2016
109.10	78734.90	79458.90	255601.18	257434.00	6042015.71	6084783.61	1019	211	2016
109.20	76675.60	77571.20	257777.58	260216.03	6092766.88	6148848.83	2023	220	2016
110.00	59845.20	60767.00	255135.56	257606.30	5972022.55	6030294.19	1019	211	2016
110.10	59123.70	59706.60	258006.71	259733.89	6039750.70	6080161.39	1019	211	2016
110.11	56780.60	56920.00	259732.33	260081.16	6079973.59	6088104.41	2023	220	2016
110.20	56954.30	57866.40	260170.14	262720.96	6090077.81	6148845.69	2023	220	2016
111.00	56567.60	57591.10	257465.76	260085.85	5967808.99	6029828.42	1023	215	2016
111.10	73970.60	75702.30	260502.54	265216.08	6039587.47	6148628.41	1022	214	2016
112.00	54626.80	55655.80	259955.57	262584.22	5967595.52	6029715.08	1024	216	2016
112.10	54039.90	54477.30	262993.71	264202.52	6039375.77	6067481.80	1024	216	2016
112.12	83825.30	85040.50	264193.72	267706.86	6067291.26	6148414.98	3024	264	2016
113.00	77714.70	78785.00	262462.86	265171.93	5967579.18	6031656.66	1026	219	2016
113.10	78909.70	80132.30	265503.71	268661.06	6039354.09	6112780.73	1026	219	2016
113.11	57968.30	58565.60	268657.08	270220.11	6112590.83	6148524.95	1034	227	2016
114.00	76278.10	78119.60	264957.50	270052.43	5967427.27	6087060.68	1027	220	2016
114.01	54095.30	55052.00	270040.68	272708.64	6086866.80	6148232.33	2024	221	2016
115.00	71627.50	73682.10	267452.72	272977.72	5967216.58	6096847.71	1028	221	2016
115.01	57232.60	58071.40	272971.18	275194.70	6096653.55	6148017.00	1032	225	2016
116.00	75011.30	77167.40	269950.16	275605.09	5967193.84	6099633.86	1023	215	2016
116.01	56472.80	57241.00	275594.52	277696.89	6099439.55	6147846.51	1033	226	2016
117.00	69882.40	71575.50	272451.14	277153.15	5967039.80	6077664.72	2034	236	2016
117.01	76549.50	77521.60	277144.98	280197.76	6077473.54	6147834.02	2035	237	2016
118.00	87367.90	90357.40	274946.74	282691.52	5966832.20	6147616.82	2034	236	2016
119.00	81710.50	83440.90	277431.42	281970.92	5966518.73	6073233.74	1041	237	2016
119.01	59887.40	61081.80	281962.17	285185.55	6073046.00	6147420.01	3011	238	2016
120.00	75594.90	77162.10	279941.44	284273.82	5966635.06	6068523.61	3011	238	2016
120.01	68740.80	69704.70	284255.35	287040.42	6068332.11	6132534.27	3021	258	2016
120.02	64506.10	64773.30	287032.50	287696.08	6132341.20	6147523.68	3025	265	2016
121.00	87817.40	89165.90	282429.56	286057.65	5966443.71	6051804.59	3018	255	2016
121.01	72583.30	74092.00	286048.40	290182.30	6051613.82	6147220.66	3028	272	2016
122.00	62576.30	64539.40	284925.61	289795.25	5966164.07	6080594.49	2043	258	2016
122.01	68225.00	69298.20	289787.81	292678.91	6080404.74	6147005.69	3028	272	2016
123.00	68534.70	68979.50	287434.30	288629.32	5966274.36	5994621.69	2042	257	2016
123.01	64985.90	67312.90	288615.98	295172.94	5994429.72	6146847.75	3025	265	2016
124.00	69339.80	70086.80	289914.00	292082.41	5966060.10	6017163.10	1041	237	2016
124.01	67241.30	68170.90	292071.89	294456.79	6016970.76	6072670.14	2042	257	2016
124.02	66983.20	67896.00	294453.02	297015.68	6072473.68	6131671.35	3021	258	2016
124.03	61093.40	61328.90	297004.47	297680.76	6131477.14	6146826.61	3026	266	2016
125.00	61774.40	64748.80	292420.95	300169.40	5965834.67	6146611.38	2035	237	2016
126.00	58640.60	61351.90	294911.43	302661.05	5965639.65	6146421.31	2035	237	2016
127.00	70101.40	72135.90	294855.14	300110.67	5904175.08	6029322.16	2003	198	2016

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127.01	65024.80	66939.00	300101.72	305170.52	6029129.14	6146522.36	1041	237	2016
128.00	80987.50	82688.80	297340.00	302534.80	5903961.08	6027562.16	1010	202	2016
128.01	67283.00	69030.70	302529.60	307655.74	6027369.45	6146212.16	1041	237	2016
129.00	67553.00	69995.30	299950.06	306594.87	5906412.57	6063849.32	2014	210	2016
129.01	70417.00	71236.70	308014.14	310152.13	6096403.89	6145997.57	3018	255	2016
129.02	68383.50	68901.50	306585.05	308007.23	6063655.34	6096598.53	2041	256	2016
201.00	80956.70	82483.40	302470.23	306978.19	5906750.46	6012599.59	1011	203	2016
201.01	72771.10	73907.30	306979.40	309910.13	6012402.04	6081344.35	1024	216	2016
201.02	65327.10	66029.00	309898.17	311729.24	6081150.22	6124044.25	1035	228	2016
201.10	64950.30	65183.50	312086.24	312664.94	6132504.66	6145998.10	1035	228	2016
202.00	65116.00	66595.40	304968.56	308891.30	5906681.64	5998849.72	1017	209	2016
202.01	60248.60	62234.10	308889.91	314184.28	5998653.73	6123018.57	1035	228	2016
202.10	59875.70	59967.20	314942.14	315158.83	6140750.44	6146012.46	1035	228	2016
203.00	79792.50	81268.40	307616.26	311396.93	5910005.80	5998848.67	1017	209	2016
203.01	62443.80	64440.50	311389.05	316673.72	5998653.87	6122748.98	1035	228	2016
203.10	64730.30	64798.80	317474.81	317656.30	6141503.70	6145744.40	1035	228	2016
204.00	62002.00	64212.70	310174.83	316290.55	5911503.28	6054848.90	2015	211	2016
204.01	54453.90	55587.70	316281.00	319115.86	6054653.80	6121246.76	2019	215	2016
204.10	55871.00	55970.50	319877.73	320150.15	6139006.36	6145536.32	2019	215	2016
205.00	74298.00	74936.40	312731.55	314438.24	5912755.04	5952844.63	2015	211	2016
205.01	72519.20	75068.40	314433.14	321533.90	5952650.17	6119248.74	2017	213	2016
205.10	75310.60	75457.10	322240.52	322653.78	6135675.52	6145497.91	2017	213	2016
206.00	75008.30	77369.60	315231.57	321565.43	5912669.15	6061343.87	2015	211	2016
206.01	75928.00	76777.60	321555.28	323978.41	6061153.20	6118001.17	2017	213	2016
206.10	75523.20	75750.30	324479.17	325151.71	6129751.64	6145566.03	2017	213	2016
207.00	57941.80	59610.90	317775.70	322106.23	5913501.63	6015597.50	1015	207	2016
207.01	62178.10	63774.00	322112.55	326443.50	6015401.12	6116994.06	3012	238	2016
207.10	61733.80	62174.20	326453.42	327643.38	6117251.41	6145246.06	3012	238	2016
208.00	59474.20	61060.90	320325.57	324494.34	5914722.94	6013649.48	1011	203	2016
208.01	71585.60	73500.40	324456.95	330153.03	6011650.98	6145342.58	3018	255	2016
209.00	77791.40	79498.90	322839.40	327509.66	5914978.19	6024596.64	1015	207	2016
209.01	63290.10	63833.10	327497.77	328918.71	6024403.93	6057597.87	3026	266	2016
209.02	61897.70	63084.30	329494.67	332639.64	6071154.80	6144998.98	3026	266	2016
209.03	68166.10	68382.80	328911.71	329499.33	6057404.42	6071344.56	2051	272	2016
210.00	78952.00	81019.80	325347.70	330700.69	5915000.71	6040845.47	1007	199	2016
210.01	78310.30	79938.00	330693.78	335142.63	6040654.60	6144997.99	2051	272	2016
211.00	58830.60	62414.60	327843.42	337632.41	5915002.17	6144751.38	2018	214	2016
212.00	61923.70	63523.70	330338.28	334562.45	5914917.82	6014095.23	2004	199	2016
212.01	58554.20	59382.30	334555.35	336742.89	6013902.45	6065056.28	2011	207	2016
212.10	59420.90	60693.30	336847.02	340134.75	6067497.27	6144748.77	2011	207	2016
213.00	61511.10	63375.30	332844.22	337754.84	5915004.89	6030099.28	2001	198	2016
213.01	60770.10	61261.80	337741.88	339066.45	6029901.92	6060994.03	2012	208	2016
213.10	61369.50	62649.10	339387.07	342629.58	6068420.60	6144530.62	2012	208	2016
214.00	68851.60	69872.40	338342.95	341226.76	5985254.98	6052999.23	2030	228	2016
214.10	70237.50	71239.30	342252.96	345125.08	6076965.52	6144498.71	2030	228	2016
215.00	67718.50	68749.80	340843.96	343728.46	5985254.25	6053032.45	2030	228	2016
215.10	66344.90	67350.70	344772.65	347626.97	6077452.05	6144302.86	2030	228	2016
216.00	63914.20	64913.80	343341.52	346210.42	5985251.84	6052518.70	2030	228	2016
216.10	65161.80	65254.00	346910.81	347159.94	6068931.05	6074749.17	2030	228	2016
216.20	65306.40	65690.00	347296.94	348384.57	6077936.22	6103496.98	2030	228	2016
216.30	57973.40	58536.70	348614.91	350127.90	6108752.05	6144242.75	2018	214	2016
217.00	62769.00	63811.50	345849.07	348703.21	5985250.97	6052284.14	2030	228	2016
217.10	62413.50	62509.70	349407.43	349682.80	6068711.41	6075246.67	2030	228	2016
217.20	62039.60	62385.90	349767.99	350694.69	6077161.54	6099082.98	2030	228	2016
217.30	90051.50	90545.20	351108.65	352595.14	6108695.04	6143494.48	2024	221	2016
218.00	60195.60	61219.00	348358.32	351198.26	5985254.80	6052079.56	2030	228	2016
218.10	61400.30	61868.10	351718.95	353021.69	6064256.88	6094797.80	2030	228	2016
218.20	60837.30	61344.40	353606.50	354911.80	6108503.50	6139276.39	1034	227	2016
219.00	59050.30	60075.70	350850.60	353694.77	5985256.03	6051541.86	2030	228	2016
219.10	58426.70	58844.00	354215.71	355340.54	6064154.82	6090513.75	2030	228	2016
219.20	72551.40	72986.60	356105.30	357252.51	6108504.12	6135247.08	2020	216	2016
220.00	59676.00	60679.70	353352.69	356164.60	5985248.26	6051089.77	3006	227	2016
220.10	59137.50	59522.90	356580.05	357657.24	6061000.35	6086245.60	3006	227	2016
220.20	71863.80	72228.00	358604.16	359566.35	6108481.10	6130999.00	2019	215	2016
221.00	60516.80	61587.00	355858.15	358643.25	5985237.34	6050496.03	1042	238	2016
221.10	60002.60	60386.70	358991.00	359981.67	6058754.70	6081994.84	1042	238	2016

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221.20	79190.30	79495.70	361107.17	361890.98	6108412.14	6126821.98	2024	221	2016
222.00	74450.50	75445.50	358361.28	361089.11	5985218.90	6049246.18	2018	214	2016
222.10	75588.90	75886.60	361475.44	362302.54	6058252.79	6077748.97	2018	214	2016
222.20	61543.00	61780.20	363604.99	364219.54	6108252.90	6122745.18	1034	227	2016
223.00	59215.60	60223.70	360861.30	363673.04	5985208.44	6051247.10	3005	226	2016
223.10	58881.80	59149.50	363867.80	364617.28	6055753.43	6073492.44	3005	226	2016
223.20	61896.40	62054.80	366104.07	366542.02	6108250.82	6118510.27	1034	227	2016
224.00	58855.70	59886.80	363356.69	366194.44	5985194.63	6051749.06	2017	213	2016
224.10	58583.60	58821.80	366294.90	366944.55	6054005.13	6069249.21	2017	213	2016
224.20	69863.20	69962.10	368603.90	368871.92	6108195.59	6114498.62	2013	209	2016
225.00	81880.20	83103.30	365862.64	369261.23	5985175.40	6064813.13	2014	210	2016
225.10	70042.20	70079.40	371086.51	371191.27	6108003.50	6110245.88	2013	209	2016
226.00	74774.50	75903.90	368366.68	371574.79	5985166.66	6060531.08	1020	212	2016
227.00	61462.90	62554.20	370860.69	373898.78	5985002.56	6056249.15	1026	219	2016
228.00	84734.60	85475.90	373358.69	375304.06	5985004.50	6030596.00	2005	201	2016
228.01	60174.70	60524.90	375299.68	376222.34	6030400.39	6051998.12	1027	220	2016
229.00	55716.70	56754.30	375868.97	378545.80	5985004.95	6047744.46	1028	221	2016
230.00	59913.60	60861.70	378367.53	380864.11	5985003.71	6043496.32	1020	212	2016
231.00	59292.80	60123.50	380877.10	383181.70	5985000.20	6039248.49	3004	225	2016
232.00	60937.10	61667.60	383374.27	385500.07	5985003.69	6034830.15	1027	220	2016
233.00	69222.30	69970.30	385872.72	387817.69	5985006.07	6030549.79	1014	206	2016
234.00	59528.60	60206.20	388375.90	390149.99	5985005.24	6026271.28	2007	203	2016
235.00	78350.90	78942.90	390878.05	392456.58	5985002.04	6021997.78	2006	202	2016
236.00	61795.80	62320.30	393384.57	394777.99	5985005.37	6017747.45	2006	202	2016
237.00	77409.00	77899.10	395886.67	397100.96	5985005.70	6013494.84	2005	201	2016
238.00	77994.30	78400.60	398382.49	399427.45	5984990.94	6009246.06	2005	201	2016
239.00	78541.70	78875.40	400883.64	401743.81	5984982.13	6004993.79	2005	201	2016
240.00	78968.70	79223.60	403394.09	404065.27	5984966.33	6000582.62	2005	201	2016
241.00	79338.60	79527.30	405887.64	406376.50	5984949.49	5996299.51	2005	201	2016
242.00	79602.10	79717.20	408397.70	408694.16	5984933.94	5992012.97	2005	201	2016
243.00	79831.70	79887.70	410896.61	411012.34	5984918.41	5987746.76	2005	201	2016
401.00	71421.70	71724.40	186209.94	187054.28	5940695.23	5960958.31	3011	238	2016
402.00	71825.70	72145.20	188713.02	189556.69	5940483.61	5960791.30	3011	238	2016
403.00	79019.10	79451.20	190858.38	192061.90	5932011.11	5960785.59	1041	237	2016
404.00	83544.70	83969.20	193351.54	194558.27	5931799.89	5960573.76	2042	257	2016
405.00	88505.50	88920.00	195842.07	197054.85	5931589.13	5960363.46	3029	273	2016
406.00	84866.20	85297.70	198349.53	199547.75	5931349.45	5960178.34	2041	256	2016
407.00	67416.20	67640.40	201372.60	202054.14	5943833.21	5960188.98	3030	276	2016
407.02	86217.50	86614.40	200276.75	201378.14	5917656.86	5944029.10	2054	284	2016
408.00	61556.10	62199.30	202772.99	204551.29	5917445.49	5959977.52	2053	276	2016
409.00	62308.90	62928.40	205263.73	207049.74	5917225.59	5959767.55	2053	276	2016
410.01	70232.60	70910.30	207762.81	209538.75	5917028.50	5959565.34	2055	285	2016
411.01	71014.10	71634.60	210265.34	212052.66	5916815.03	5959658.53	2055	285	2016
412.01	77230.10	77903.30	212758.06	214540.52	5916608.69	5959386.75	2055	285	2016
413.00	61894.30	62564.40	215259.05	217038.71	5916613.26	5959173.28	3030	276	2016
414.00	62677.80	63389.00	217754.84	219525.23	5916436.68	5958963.77	2048	266	2016
415.00	86162.50	86823.40	220254.66	222030.97	5916222.02	5958798.17	3018	255	2016
416.00	85092.20	85632.20	222985.31	224533.38	5921726.06	5958791.37	3028	272	2016
417.00	84435.10	84975.40	225482.76	227028.94	5921558.53	5958581.97	2051	272	2016
418.00	75722.20	76319.90	227981.62	229521.16	5921345.21	5958369.36	3028	272	2016
419.00	83735.40	84317.80	230475.67	232026.04	5921136.74	5958182.92	2051	272	2016
420.00	72945.40	73568.60	232975.06	234579.28	5921159.68	5958195.44	2041	256	2016
421.00	79234.60	79581.10	236058.06	237017.22	5934919.94	5957985.72	2048	266	2016
422.00	71137.60	71681.70	238547.78	239988.09	5934765.72	5969032.34	1041	237	2016
423.00	79379.40	79905.70	241048.21	242484.07	5934556.47	5968819.06	3018	255	2016
424.00	76466.30	77000.80	243537.69	244978.35	5934342.83	5968604.87	2048	266	2016
425.00	86396.90	86905.00	246163.65	247493.33	5937136.34	5968955.83	2034	236	2016
426.00	77151.60	77702.40	248663.12	249984.03	5936924.30	5968684.89	2048	266	2016
427.00	77829.90	78310.60	251149.00	252479.88	5936715.57	5968475.93	2048	266	2016
428.00	78434.80	78724.60	254230.24	254979.02	5950509.47	5968304.15	2048	266	2016
429.00	74986.70	75164.60	257081.26	257525.05	5958804.74	5969303.64	3011	238	2016
430.00	74740.50	74902.80	259580.38	260018.01	5958594.02	5969089.29	3011	238	2016
431.00	81283.80	81429.60	262077.21	262514.71	5958622.72	5968908.78	1041	237	2016
1001.00	69764.20	69825.10	294130.88	297500.96	5904195.55	5904479.40	2003	198	2016
1002.00	80019.30	80065.80	294139.87	297514.21	5904448.07	5904734.64	1010	202	2016
1003.00	80314.80	80360.00	294148.59	297520.96	5904693.07	5904987.11	1010	202	2016

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1004.00	80624.00	80672.00	294164.36	297530.23	5904952.33	5905236.92	1010	202	2016
1005.00	80805.70	80862.00	294173.16	297541.93	5905197.11	5905478.74	1010	202	2016
1006.00	69511.50	69568.80	294180.10	297553.35	5905455.06	5905730.21	2003	198	2016
1007.00	80168.20	80227.20	294192.87	297665.37	5905684.80	5905979.94	1010	202	2016
1008.00	80465.90	80533.90	294199.87	298041.25	5905905.04	5906229.46	1010	202	2016
1009.00	79876.30	79951.50	294211.18	298540.16	5906114.01	5906478.25	1010	202	2016
1010.00	61806.40	61889.90	294224.37	299044.51	5906326.42	5906730.89	1011	203	2016
1011.00	68263.90	68352.90	294235.05	299539.84	5906535.55	5906981.60	2002	198	2016
1012.00	61633.60	61710.10	294246.09	300105.35	5906742.22	5907234.44	1011	203	2016
1013.00	59955.10	60057.80	294254.62	300072.08	5907006.90	5907475.01	1015	207	2016
1014.00	79520.40	79597.50	294266.96	300078.59	5907243.41	5907735.71	1010	202	2016
1015.00	61147.00	61248.00	294273.62	300089.97	5907495.06	5907981.12	1015	207	2016
1016.00	67795.90	67906.20	294286.80	300103.14	5907749.59	5908236.21	2002	198	2016
1017.00	61983.70	62062.70	294297.62	300112.69	5908001.50	5908489.53	1011	203	2016
1018.00	60156.70	60238.70	294307.44	300120.59	5908250.96	5908729.33	1015	207	2016
1019.00	79324.00	79441.60	294315.20	300134.92	5908502.12	5908984.68	1010	202	2016
1020.00	61934.00	62038.50	294324.97	300142.69	5908752.01	5909229.59	1015	207	2016
1021.00	67374.20	67477.30	294335.93	300154.19	5908990.90	5909477.76	2002	198	2016
1022.00	61354.90	61448.90	294349.11	300162.66	5909244.12	5909726.04	1015	207	2016
1023.00	60514.10	60625.00	294358.75	300176.85	5909495.01	5909980.50	1015	207	2016
1024.00	78989.70	79067.50	294364.43	300189.44	5909762.37	5910230.76	1010	202	2016
1025.00	62846.30	62956.30	294377.82	300199.07	5910001.84	5910488.55	1015	207	2016
1026.00	67142.30	67257.90	294387.21	300205.56	5910241.88	5910735.41	2002	198	2016
1027.00	62379.10	62495.90	294395.89	300219.47	5910507.95	5910979.12	1011	203	2016
1028.00	60724.00	60807.60	294412.91	300225.59	5910748.46	5911231.52	1015	207	2016
1029.00	78802.60	78916.40	294416.92	300239.54	5911000.66	5911483.33	1010	202	2016
1030.00	65181.00	65273.00	294430.76	300247.11	5911251.79	5911727.53	2004	199	2016
1031.00	65399.20	65492.40	294437.59	300260.44	5911492.41	5911982.51	2001	198	2016
1032.00	66978.50	67085.10	294449.30	300269.80	5911757.58	5912235.31	1017	209	2016
1033.00	62170.50	62259.40	294457.15	300280.90	5911982.06	5912482.15	1015	207	2016
1034.00	78342.30	78418.40	294473.89	300292.93	5912251.83	5912734.60	1010	202	2016
1035.00	64974.60	65075.50	294480.42	300303.10	5912503.67	5912985.72	2004	199	2016
1036.00	65191.60	65294.20	294490.18	300313.55	5912738.61	5913225.90	2001	198	2016
1037.00	62588.30	62663.70	294500.09	300318.26	5912988.94	5913493.12	1011	203	2016
1038.00	61406.80	61511.10	294512.78	300336.61	5913251.06	5913735.04	1011	203	2016
1039.00	78162.00	78264.30	294522.72	300342.21	5913505.04	5913980.19	1010	202	2016
1040.00	64244.70	64336.00	294531.91	300349.40	5913714.90	5914226.30	2004	199	2016
1041.00	64246.00	64341.50	294544.04	300364.36	5914002.38	5914483.28	2001	198	2016
1042.00	63328.30	63433.40	294552.27	300376.97	5914252.61	5914729.63	1011	203	2016
1043.00	80613.90	80712.10	294565.26	300389.04	5914503.30	5914984.94	1011	203	2016
1044.00	77420.70	77500.30	294576.70	300400.17	5914756.12	5915231.84	1010	202	2016
1045.00	64046.20	64147.70	294582.16	300408.20	5915002.91	5915488.86	2004	199	2016
1046.00	64050.20	64145.70	294596.67	300417.91	5915253.42	5915738.19	2001	198	2016
1047.00	63524.20	63605.80	294608.95	300425.72	5915489.59	5915972.29	1011	203	2016
1048.00	63712.50	63800.40	294616.01	300441.00	5915745.31	5916232.00	1015	207	2016
1049.00	67385.00	67476.20	294624.53	300445.28	5915994.58	5916485.92	1017	209	2016
1050.00	70281.00	70368.40	294638.27	300455.54	5916245.01	5916728.01	2014	210	2016
1051.00	65157.30	65254.50	294648.68	300470.28	5916497.49	5916980.22	2015	211	2016
1052.00	64942.30	65037.30	294655.16	300482.72	5916752.52	5917230.88	1015	207	2016
1053.00	79330.50	79411.10	294670.81	300493.70	5916991.04	5917482.77	1011	203	2016
1054.00	68678.10	68771.50	294680.40	300501.16	5917250.10	5917730.77	1017	209	2016
1055.00	71556.20	71659.40	294690.06	300512.42	5917500.24	5917986.99	2014	210	2016
1056.00	65355.50	65445.60	294695.91	300520.48	5917746.19	5918233.79	2015	211	2016
1057.00	64752.00	64846.70	294706.05	300533.56	5917995.74	5918476.16	1011	203	2016
1058.00	65141.40	65228.40	294720.20	300541.33	5918248.49	5918734.42	1015	207	2016
1059.00	68886.40	68976.70	294729.58	300556.72	5918486.89	5918976.12	1017	209	2016
1060.00	71750.80	71847.20	294738.94	300563.88	5918755.47	5919233.35	2014	210	2016
1061.00	66626.50	66725.50	294752.15	300575.49	5918990.22	5919481.93	2015	211	2016
1062.00	64938.60	65021.80	294757.91	300582.17	5919234.83	5919731.64	1011	203	2016
1063.00	79119.00	79220.50	294772.29	300595.93	5919500.76	5919982.65	1011	203	2016
1064.00	77191.10	77296.80	294782.60	300606.17	5919735.03	5920230.81	1010	202	2016
1065.00	66403.60	66500.10	294793.43	300621.94	5920001.44	5920484.73	1015	207	2016
1066.00	70190.00	70283.00	294802.11	300628.07	5920254.89	5920728.12	1017	209	2016
1067.00	66145.80	66241.50	294811.91	300638.48	5920499.68	5920983.25	1011	203	2016
1068.00	73048.20	73146.80	294824.95	300648.93	5920748.07	5921226.46	2014	210	2016
1069.00	66816.50	66901.70	294832.06	300656.49	5920992.15	5921481.04	2015	211	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
1070.00	70408.00	70496.20	294842.72	300669.09	5921246.70	5921733.66	1017	209	2016
1071.00	66602.80	66687.30	294853.42	300683.41	5921502.19	5921981.16	1015	207	2016
1072.00	66328.30	66412.30	294864.96	300688.06	5921742.36	5922230.44	1011	203	2016
1073.00	77741.50	77821.90	294874.50	300704.95	5921991.06	5922485.82	1011	203	2016
1074.00	75761.90	75842.10	294886.50	300713.76	5922253.03	5922740.41	1010	202	2016
1075.00	71656.60	71750.70	294895.96	300727.62	5922508.58	5922982.38	1017	209	2016
1076.00	67826.60	67926.70	294908.07	300735.71	5922748.39	5923231.62	1015	207	2016
1077.00	67577.00	67673.00	294911.99	300745.87	5923010.38	5923477.91	1011	203	2016
1078.00	73386.80	73470.70	294930.45	300754.96	5923252.04	5923738.30	2014	210	2016
1079.00	68050.40	68148.90	294933.89	300766.42	5923499.21	5923983.84	2015	211	2016
1080.00	71848.30	71941.00	294949.05	300778.67	5923746.59	5924238.48	1017	209	2016
1081.00	68016.30	68100.10	294959.85	300784.50	5923996.37	5924487.04	1015	207	2016
1082.00	67751.80	67833.10	294968.09	300799.63	5924242.10	5924729.06	1011	203	2016
1083.00	77557.80	77655.00	294975.21	300807.01	5924497.92	5924983.81	1011	203	2016
1084.00	75572.00	75676.60	294989.64	300821.17	5924766.05	5925230.30	1010	202	2016
1085.00	73163.00	73256.60	295001.51	300829.82	5925000.01	5925485.35	1017	209	2016
1086.00	69312.90	69412.80	295009.28	300837.67	5925254.85	5925733.22	1015	207	2016
1087.00	68968.20	69055.30	295016.43	300852.46	5925505.02	5925983.85	1011	203	2016
1088.00	76368.90	76446.00	295033.85	300862.13	5925743.67	5926237.77	1011	203	2016
1089.00	79261.60	79356.70	295041.55	300872.07	5926000.54	5926487.18	1017	209	2016
1090.00	73363.20	73456.40	295049.83	300883.40	5926246.49	5926738.64	1017	209	2016
1091.00	69519.00	69606.80	295062.25	300890.33	5926496.09	5926983.48	1015	207	2016
1092.00	69136.20	69217.30	295069.67	300904.02	5926747.10	5927249.82	1011	203	2016
1093.00	76196.60	76286.80	295078.81	300913.43	5927005.54	5927484.47	1011	203	2016
1094.00	74350.00	74430.00	295088.64	300925.96	5927244.01	5927733.71	1010	202	2016
1095.00	74652.90	74743.50	295100.24	300932.42	5927503.97	5927983.33	1017	209	2016
1096.00	70772.50	70864.80	295114.29	300943.86	5927749.42	5928238.12	1015	207	2016
1097.00	70449.10	70540.30	295122.53	300957.59	5927993.99	5928485.98	1011	203	2016
1098.00	75005.50	75088.30	295137.05	300966.70	5928249.93	5928744.09	1011	203	2016
1099.00	78009.90	78100.90	295142.30	300976.06	5928489.18	5928985.04	1017	209	2016
1100.00	74852.20	74946.30	295151.68	300988.00	5928750.97	5929232.34	1017	209	2016
1101.00	70950.60	71033.30	295167.70	300999.86	5928997.36	5929482.34	1015	207	2016
1102.00	70626.50	70708.70	295177.03	301008.80	5929239.17	5929729.41	1011	203	2016
1103.00	74685.80	74783.50	295186.34	301017.28	5929508.81	5929984.04	1011	203	2016
1104.00	74157.50	74257.70	295193.75	301027.29	5929757.51	5930236.20	1010	202	2016
1105.00	77936.60	78026.80	295208.20	301039.84	5929995.02	5930477.78	1007	199	2016
1106.00	72152.70	72249.10	295218.87	301052.41	5930252.71	5930738.39	1015	207	2016
1107.00	71805.60	71895.20	295224.14	301059.01	5930502.87	5930979.70	1011	203	2016
1108.00	73328.80	73411.10	295236.69	301068.24	5930746.46	5931239.04	1011	203	2016
1109.00	76144.00	76241.80	295246.75	301080.37	5931012.86	5931486.44	1017	209	2016
1110.00	77753.40	77845.30	295260.31	301091.15	5931248.78	5931734.35	1007	199	2016
1111.00	72353.80	72451.40	295269.71	301100.87	5931495.47	5931982.78	1015	207	2016
1112.00	71975.70	72063.00	295281.23	301085.99	5931746.08	5932235.26	1011	203	2016
1113.00	76357.60	76450.50	295292.06	301122.48	5931986.25	5932481.53	1017	209	2016
1114.00	72910.40	72993.20	295300.00	301134.77	5932257.18	5932740.73	1010	202	2016
1115.00	76491.30	76585.10	295308.40	301144.40	5932490.20	5932989.51	1007	199	2016
1116.00	73642.40	73738.10	295318.68	301154.93	5932755.31	5933237.73	1015	207	2016
1117.00	73159.20	73251.00	295330.96	301169.09	5933006.99	5933488.01	1011	203	2016
1118.00	77626.10	77721.30	295340.70	301179.34	5933252.33	5933735.73	1017	209	2016
1119.00	74683.10	74781.80	295351.39	301187.72	5933501.37	5933986.58	2014	210	2016
1120.00	76288.20	76385.20	295362.91	301198.45	5933744.30	5934236.44	1007	199	2016
1121.00	73832.00	73921.40	295371.43	301206.69	5933991.96	5934484.32	1015	207	2016
1122.00	68355.60	68439.50	295383.50	301217.76	5934258.82	5934727.97	2015	211	2016
1123.00	74880.10	74969.40	295391.21	301231.41	5934507.88	5934981.99	2014	210	2016
1124.00	72697.40	72800.00	295404.63	301238.50	5934754.24	5935233.86	1010	202	2016
1125.00	78379.40	78476.90	295414.78	301248.85	5935012.20	5935483.50	1006	198	2016
1126.00	75003.90	75103.70	295426.77	301260.28	5935242.75	5935734.78	1007	199	2016
1127.00	75005.80	75099.90	295434.81	301273.63	5935500.20	5935980.63	1015	207	2016
1128.00	76102.80	76193.80	295443.20	301280.06	5935760.33	5936232.64	2014	210	2016
1129.00	69576.50	69673.40	295453.06	301294.80	5936004.33	5936482.41	2015	211	2016
1130.00	77110.10	77207.10	295462.73	301302.25	5936238.95	5936735.39	1006	198	2016
1131.00	74801.90	74898.50	295472.78	301314.34	5936499.50	5936985.24	1007	199	2016
1132.00	75184.90	75274.00	295485.33	301325.59	5936756.33	5937242.50	1015	207	2016
1133.00	76295.40	76387.10	295497.34	301332.37	5937001.33	5937473.85	2014	210	2016
1134.00	71464.60	71545.00	295506.74	301259.61	5937256.43	5937737.90	1010	202	2016
1135.00	76898.50	76992.30	295518.28	301356.40	5937495.34	5937989.99	1006	198	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
1136.00	73528.50	73631.10	295529.55	301365.40	5937752.55	5938245.04	1007	199	2016
1137.00	78373.50	78480.90	295537.11	301374.26	5937996.28	5938483.82	1009	201	2016
1138.00	76468.50	76566.20	295550.17	301388.32	5938257.75	5938734.21	1015	207	2016
1139.00	69760.70	69847.30	295562.30	301397.75	5938498.49	5939004.53	2015	211	2016
1140.00	75641.20	75744.60	295567.63	301407.30	5938753.18	5939235.68	1006	198	2016
1141.00	73341.40	73433.70	295583.54	301418.72	5938992.96	5939483.80	1007	199	2016
1142.00	77039.10	77128.60	295591.74	301427.41	5939253.29	5939737.29	1009	201	2016
1143.00	76665.80	76758.00	295599.06	301438.17	5939497.07	5939982.35	1015	207	2016
1144.00	71288.80	71382.20	295609.27	301450.00	5939735.64	5940233.99	1010	202	2016
1145.00	75452.80	75543.90	295621.46	301460.09	5939999.34	5940484.66	1006	198	2016
1146.00	72023.70	72124.90	295628.77	301469.47	5940244.40	5940731.81	1007	199	2016
1147.00	76835.00	76945.20	295642.72	301481.07	5940505.40	5940987.32	1009	201	2016
1148.00	77709.50	77802.90	295655.48	301490.65	5940750.85	5941231.64	2014	210	2016
1149.00	70983.50	71072.90	295665.08	301504.90	5941001.88	5941486.21	2015	211	2016
1150.00	74199.80	74299.40	295674.91	301513.80	5941235.73	5941740.51	1006	198	2016
1151.00	71823.00	71919.90	295683.21	301526.98	5941500.35	5941982.77	1007	199	2016
1152.00	75534.00	75622.60	295692.32	301533.83	5941741.55	5942238.55	1009	201	2016
1153.00	71767.90	71864.50	295702.84	301547.04	5942004.03	5942485.03	1020	212	2016
1154.00	69933.20	70015.10	295717.55	301552.75	5942241.41	5942740.78	1010	202	2016
1155.00	73998.20	74092.00	295724.64	301568.42	5942504.55	5942989.17	1006	198	2016
1156.00	70532.30	70626.70	295736.53	301577.15	5942741.23	5943240.63	1007	199	2016
1157.00	75335.30	75437.80	295748.80	301590.00	5943002.45	5943488.11	1009	201	2016
1158.00	77897.70	77985.50	295758.44	301594.81	5943244.38	5943728.70	2014	210	2016
1159.00	71143.70	71229.70	295765.04	301609.50	5943501.84	5943972.35	2015	211	2016
1160.00	72719.90	72816.70	295776.95	301617.61	5943741.76	5944234.65	1006	198	2016
1161.00	70331.60	70423.90	295785.65	301631.01	5944003.61	5944487.59	1007	199	2016
1162.00	74026.20	74117.30	295800.48	301640.41	5944252.12	5944738.31	1009	201	2016
1163.00	70486.30	70577.30	295808.54	301646.79	5944486.39	5944984.11	1020	212	2016
1164.00	69738.70	69838.00	295819.89	301663.63	5944753.65	5945230.55	1010	202	2016
1165.00	72531.80	72625.20	295827.62	301669.54	5944991.78	5945484.48	1006	198	2016
1166.00	69063.70	69162.10	295838.91	301685.08	5945246.22	5945743.00	1007	199	2016
1167.00	73813.20	73915.50	295849.21	301695.04	5945505.39	5945991.67	1009	201	2016
1168.00	79115.00	79205.60	295863.58	301704.77	5945753.65	5946236.87	2014	210	2016
1169.00	72370.60	72474.30	295869.45	301713.32	5945999.89	5946482.43	2015	211	2016
1170.00	71051.20	71147.40	295882.43	301720.26	5946241.42	5946736.00	1006	198	2016
1171.00	68865.60	68960.20	295892.23	301737.88	5946502.54	5946985.40	1007	199	2016
1172.00	72553.40	72642.30	295906.33	301743.98	5946745.17	5947242.51	1009	201	2016
1173.00	70285.10	70387.80	295912.88	301755.76	5947004.68	5947488.56	1020	212	2016
1174.00	68483.30	68565.10	295924.10	301770.90	5947269.03	5947738.38	1010	202	2016
1175.00	70835.00	70930.90	295936.21	301780.01	5947495.15	5947983.77	1006	198	2016
1176.00	67572.80	67670.00	295944.45	301785.23	5947743.70	5948240.36	1007	199	2016
1177.00	72343.20	72449.30	295952.87	301800.33	5948005.09	5948486.78	1009	201	2016
1178.00	79290.50	79385.40	295966.05	301811.84	5948255.40	5948734.63	2014	210	2016
1179.00	72562.60	72650.20	295974.30	301817.63	5948504.77	5948988.48	2015	211	2016
1180.00	69386.40	69485.90	295986.15	301828.16	5948744.13	5949241.54	1006	198	2016
1181.00	67365.10	67464.30	295996.93	301842.05	5949005.47	5949491.91	1007	199	2016
1182.00	71009.00	71101.50	296007.83	301852.90	5949259.06	5949738.95	1009	201	2016
1183.00	69006.30	69094.30	296017.25	301858.71	5949502.84	5949991.26	1020	212	2016
1184.00	68285.00	68382.90	296029.46	301845.39	5949752.48	5950238.37	1010	202	2016
1185.00	69186.30	69280.00	296040.16	301882.40	5950002.94	5950487.78	1006	198	2016
1186.00	66055.90	66154.50	296047.42	301892.55	5950246.58	5950734.79	1007	199	2016
1187.00	70791.30	70893.00	296056.97	301903.07	5950498.74	5950986.90	1009	201	2016
1188.00	80490.30	80582.50	296068.07	301914.94	5950748.34	5951231.95	2014	210	2016
1189.00	73796.50	73896.50	296078.12	301925.25	5950988.43	5951483.88	2015	211	2016
1190.00	67923.20	68017.00	296089.33	301939.31	5951262.52	5951740.94	1006	198	2016
1191.00	65856.80	65954.90	296100.60	301944.89	5951502.24	5951986.73	1007	199	2016
1192.00	69486.30	69579.70	296112.07	301953.42	5951746.98	5952241.15	1009	201	2016
1193.00	68796.00	68902.70	296120.10	301969.80	5952006.65	5952490.39	1020	212	2016
1194.00	66871.50	66951.20	296132.53	301977.08	5952257.49	5952726.41	1010	202	2016
1195.00	67726.00	67820.00	296146.22	301991.82	5952501.83	5952986.93	1006	198	2016
1196.00	64570.70	64665.50	296155.26	301996.69	5952747.45	5953237.10	1007	199	2016
1197.00	69288.80	69393.00	296160.35	302009.64	5953001.57	5953489.58	1009	201	2016
1198.00	80677.10	80766.00	296171.59	302021.13	5953243.58	5953733.43	2014	210	2016
1199.00	73989.20	74076.30	296182.77	302026.43	5953490.17	5953985.91	2015	211	2016
1200.00	66450.00	66542.30	296192.54	302042.23	5953742.99	5954235.65	1006	198	2016
1201.00	78847.90	78941.30	296205.43	302049.38	5953991.74	5954491.31	1006	198	2016

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1202.00	67777.60	67860.10	296219.54	302057.41	5954227.91	5954739.46	1009	201	2016
1203.00	67237.30	67344.40	296223.12	302073.69	5954500.76	5954990.55	1020	212	2016
1204.00	66681.60	66794.90	296236.92	302087.54	5954766.31	5955237.85	1010	202	2016
1205.00	66236.50	66335.50	296244.35	302090.99	5955003.08	5955488.39	1006	198	2016
1206.00	83661.20	83749.30	296260.90	302105.33	5955246.70	5955741.22	1009	201	2016
1207.00	67558.50	67664.00	296269.09	302117.36	5955514.01	5955982.55	1009	201	2016
1208.00	65932.70	66019.90	296279.12	302121.08	5955744.11	5956238.89	1020	212	2016
1209.00	65703.20	65812.60	296290.63	302134.74	5956008.59	5956489.51	1020	212	2016
1210.00	64995.80	65080.80	296303.10	302143.33	5956249.06	5956741.03	1006	198	2016
1211.00	64341.10	64444.90	296307.47	302158.41	5956501.84	5956991.88	1007	199	2016
1212.00	66272.40	66363.80	296317.22	302166.27	5956741.05	5957239.79	1009	201	2016
1213.00	83452.50	83558.30	296331.12	302178.08	5957004.14	5957489.31	1009	201	2016
1214.00	65454.20	65535.60	296343.12	302190.69	5957246.01	5957743.78	1010	202	2016
1215.00	64782.30	64885.30	296352.00	302196.19	5957500.19	5957985.28	1006	198	2016
1216.00	63050.30	63148.90	296362.98	302212.87	5957752.01	5958242.06	1007	199	2016
1217.00	66072.20	66174.20	296372.43	302218.12	5958000.52	5958485.69	1009	201	2016
1218.00	82153.60	82239.50	296381.91	302227.24	5958246.92	5958743.96	1009	201	2016
1219.00	64393.30	64483.60	296393.44	302238.88	5958505.56	5958989.18	1020	212	2016
1220.00	63524.90	63616.30	296406.78	302248.56	5958748.74	5959237.44	1006	198	2016
1221.00	62841.60	62943.10	296415.82	302264.70	5959003.25	5959481.21	1007	199	2016
1222.00	64780.00	64873.20	296423.40	302274.20	5959243.48	5959737.45	1009	201	2016
1223.00	81897.70	82022.20	296435.08	302285.62	5959502.74	5959997.92	1009	201	2016
1224.00	65256.10	65353.70	296443.30	302294.14	5959759.00	5960240.02	1010	202	2016
1225.00	63318.90	63424.60	296453.69	302303.91	5960000.61	5960487.40	1006	198	2016
1226.00	61561.00	61656.90	296468.75	302317.50	5960246.71	5960740.95	1007	199	2016
1227.00	64577.50	64683.90	296473.88	302328.05	5960500.77	5960984.41	1009	201	2016
1228.00	80570.00	80656.70	296487.28	302333.96	5960754.95	5961241.77	1009	201	2016
1229.00	64163.50	64284.80	296497.52	302347.96	5961002.96	5961486.28	1020	212	2016
1230.00	61931.00	62016.60	296508.81	302360.23	5961253.05	5961743.13	1006	198	2016
1231.00	61361.50	61465.20	296517.78	302368.01	5961497.17	5961986.31	1007	199	2016
1232.00	63257.60	63344.70	296531.41	302380.41	5961750.61	5962241.79	1009	201	2016
1233.00	80350.70	80460.70	296540.48	302391.90	5962003.28	5962488.20	1009	201	2016
1234.00	64071.70	64160.80	296552.39	302397.11	5962245.02	5962746.35	1010	202	2016
1235.00	61747.70	61844.60	296562.27	302412.14	5962501.52	5962983.81	1006	198	2016
1236.00	60037.50	60139.30	296573.77	302421.98	5962744.34	5963243.09	1007	199	2016
1237.00	63047.60	63145.00	296578.46	302430.98	5963003.32	5963488.15	1009	201	2016
1238.00	79053.80	79142.00	296590.79	302439.59	5963248.07	5963738.08	1009	201	2016
1239.00	62846.70	62934.90	296603.35	302452.00	5963495.64	5963985.15	1020	212	2016
1240.00	60498.70	60589.80	296612.23	302462.39	5963747.04	5964244.15	1006	198	2016
1241.00	59832.20	59929.90	296624.91	302474.62	5964004.76	5964483.84	1007	199	2016
1242.10	62320.40	62428.20	296632.13	302481.97	5964253.94	5964740.97	1020	212	2016
1243.00	74635.50	74831.50	256292.59	268707.93	5967355.64	5968418.75	1023	215	2016
1243.10	70137.80	70219.80	296643.47	302488.59	5964493.70	5964987.76	3001	204	2016
1244.00	69335.90	69648.90	256206.17	277589.19	5966851.61	5968674.06	3001	204	2016
1244.10	63884.70	63986.30	296653.62	302508.54	5964750.63	5965236.45	1010	202	2016
1245.00	56040.50	56497.30	256118.03	285181.47	5966461.09	5968918.47	1024	216	2016
1245.10	60291.10	60386.40	296663.39	302517.91	5965000.87	5965491.03	1006	198	2016
1246.00	78431.50	79245.30	256034.17	302524.08	5965243.72	5969181.43	1016	208	2016
1247.00	65105.10	65930.00	255944.03	302540.55	5965507.31	5969443.45	2010	206	2016
1248.00	77567.20	78291.90	255862.30	302548.08	5965743.35	5969699.31	1016	208	2016
1249.00	68461.10	69260.00	255773.53	302560.68	5965997.49	5969958.34	3001	204	2016
1250.00	76092.20	76810.20	255683.33	302569.56	5966237.34	5970217.37	1005	197	2016
1251.00	66038.00	66712.80	255598.67	302576.79	5966490.20	5970473.41	2010	206	2016
1252.00	63290.90	63959.50	255511.05	302588.76	5966737.65	5970724.95	2010	206	2016
1253.00	70999.70	71823.50	255427.38	302598.76	5966991.23	5970990.78	2010	206	2016
1254.00	66555.30	67179.00	255338.78	302595.66	5967248.11	5971247.88	3001	204	2016
1255.00	75184.80	75989.10	255254.96	302620.74	5967494.98	5971505.39	1005	197	2016
1256.00	68160.10	68976.00	255166.79	302632.36	5967734.70	5971764.13	2010	206	2016
1257.00	62366.70	63187.30	255081.03	302643.56	5968006.79	5972021.15	2010	206	2016
1258.00	80941.10	81671.50	254899.36	302648.54	5968237.80	5972293.75	1013	205	2016
1259.00	65611.50	66457.00	254907.19	302661.92	5968494.51	5972549.43	3001	204	2016
1260.00	71924.40	72580.00	254821.55	302674.29	5968746.30	5972786.47	2010	206	2016
1261.00	69070.50	69743.20	254736.42	302682.64	5968997.95	5973106.29	2010	206	2016
1262.00	60557.90	61233.30	254650.07	302695.34	5969243.36	5973312.79	2010	206	2016
1263.00	79968.70	80849.90	254559.47	302706.97	5969497.09	5973580.41	1013	205	2016
1264.00	63807.70	64471.70	254478.74	302715.33	5969746.94	5973832.56	3001	204	2016

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1265.00	73892.50	74706.50	254392.22	302728.64	5969992.43	5974087.32	2010	206	2016
1266.00	77887.40	78699.70	254304.57	302739.18	5970247.24	5974345.23	2010	206	2016
1267.00	76612.40	77453.80	254214.50	302746.27	5970492.51	5974601.50	1016	208	2016
1268.00	78072.10	78783.00	254131.14	302757.72	5970748.09	5974858.61	1013	205	2016
1269.00	62886.70	63699.20	254039.57	302770.36	5971004.46	5975122.84	3001	204	2016
1270.00	74815.90	75483.00	253960.48	302775.67	5971252.97	5975380.37	2010	206	2016
1271.00	79440.60	80189.20	253866.39	302792.23	5971492.71	5975638.08	1016	208	2016
1272.00	62202.10	62998.50	253783.51	302799.68	5971749.82	5975902.09	2017	213	2016
1273.00	77073.90	77978.60	253698.35	302814.85	5971994.94	5976157.21	1013	205	2016
1274.00	61094.50	61775.70	253609.65	302824.12	5972239.54	5976416.07	3001	204	2016
1275.00	63104.40	63884.80	253520.29	302832.01	5972510.37	5976673.02	2017	213	2016
1276.00	80300.40	81131.70	253436.83	302844.17	5972742.01	5976932.32	1016	208	2016
1277.00	59609.60	60440.50	253348.79	302855.63	5972987.18	5977193.77	2010	206	2016
1278.00	75166.80	75908.90	253263.49	302863.66	5973241.42	5977447.80	1013	205	2016
1279.00	60175.70	61017.60	253180.85	302878.32	5973503.01	5977715.03	3001	204	2016
1280.00	61925.70	62620.60	253088.63	302884.45	5973752.16	5977970.78	1010	202	2016
1281.00	81257.90	82000.10	253007.80	302892.85	5973994.81	5978221.25	1016	208	2016
1282.00	63839.40	64624.00	252917.21	302904.69	5974249.10	5978488.28	2018	214	2016
1283.00	66252.90	67035.40	252830.35	302917.24	5974503.63	5978741.50	2017	213	2016
1284.00	64716.70	65468.90	252678.33	302929.51	5974750.39	5979014.93	2018	214	2016
1285.00	74148.80	75074.30	252656.65	302941.23	5974996.06	5979254.08	1013	205	2016
1286.00	82116.80	82968.80	252568.97	302948.98	5975242.21	5979516.47	1016	208	2016
1287.00	66598.90	67395.90	252486.74	302961.06	5975502.19	5979772.81	2018	214	2016
1288.00	67143.50	67953.40	252398.86	302969.15	5975746.44	5980031.30	2017	213	2016
1289.00	67501.90	68285.10	252315.69	302979.03	5975986.78	5980290.64	2018	214	2016
1290.00	60919.20	61848.50	252225.46	302994.50	5976252.37	5980546.76	1010	202	2016
1291.00	70042.60	70826.40	252142.47	303000.63	5976495.55	5980807.99	2017	213	2016
1292.00	69418.10	70236.30	252050.16	303009.94	5976748.90	5981062.11	2018	214	2016
1293.00	69102.30	69932.70	251968.93	303021.93	5977004.03	5981325.12	2017	213	2016
1294.00	70343.70	71119.10	251882.44	303035.14	5977246.22	5981583.15	2018	214	2016
1295.00	73135.80	73927.20	251794.00	303044.98	5977507.74	5981842.28	1005	197	2016
1296.00	73536.00	74397.90	251704.44	303054.11	5977742.55	5982096.13	1023	215	2016
1297.00	57965.10	58745.90	251620.37	303063.76	5977994.13	5982356.00	1023	215	2016
1298.00	56906.60	57841.70	251535.48	303073.85	5978237.73	5982610.03	1024	216	2016
1299.00	67459.80	68237.40	251448.75	303086.70	5978504.93	5982877.41	3004	225	2016
1300.00	69861.30	70632.50	251359.58	303096.97	5978732.53	5983132.77	2009	205	2016
1301.00	72192.70	73020.30	251272.69	303109.45	5979016.15	5983389.09	1005	197	2016
1302.00	59932.30	60814.70	251190.66	303117.68	5979255.87	5983653.41	1023	215	2016
1303.00	72612.60	73406.60	251100.07	303129.72	5979502.32	5983910.83	1023	215	2016
1304.00	57969.20	58731.20	251016.41	303137.25	5979734.95	5984160.58	1024	216	2016
1305.00	70163.50	71000.30	250926.38	303149.63	5979991.66	5984427.30	1005	197	2016
1306.00	68883.10	69792.70	250845.44	303163.96	5980256.18	5984685.86	2009	205	2016
1307.00	65137.90	66063.60	250758.93	303175.04	5980501.58	5984941.72	1014	206	2016
1308.00	61173.90	61944.70	250670.77	303184.88	5980743.64	5985202.79	1024	216	2016
1309.00	60924.40	61762.20	250445.45	303195.62	5981004.32	5985461.98	1023	215	2016
1310.00	69208.90	70052.50	250458.07	303201.16	5981256.54	5985725.85	1005	197	2016
1311.00	66944.00	67725.10	250413.60	303212.12	5981507.98	5985980.96	2009	205	2016
1312.00	63139.40	63939.60	250326.02	303223.72	5981740.76	5986234.47	1014	206	2016
1313.00	62940.80	63848.30	250236.39	303232.81	5981999.18	5986489.87	1023	215	2016
1314.00	60084.30	61046.20	250150.20	303248.66	5982251.98	5986749.15	1024	216	2016
1315.00	67146.90	67980.90	250067.80	303258.97	5982507.49	5987015.43	1005	197	2016
1316.00	65935.20	66842.20	249978.03	303267.15	5982737.58	5987268.93	2009	205	2016
1317.00	62102.90	63055.90	249894.70	303275.27	5983005.88	5987526.41	1014	206	2016
1318.00	63949.10	64802.00	249803.49	303286.54	5983251.91	5987783.16	1023	215	2016
1319.00	62052.10	63008.20	249716.18	303296.60	5983488.06	5988045.13	1024	216	2016
1320.00	66187.60	67047.60	249630.86	303306.59	5983755.29	5988301.28	1005	197	2016
1321.00	63606.80	64431.90	249542.88	303319.39	5983987.62	5988554.57	2009	205	2016
1322.00	60101.10	60922.30	249456.32	303332.24	5984243.76	5988807.40	1014	206	2016
1323.00	66039.70	66963.20	249373.54	303339.83	5984503.56	5989074.46	1023	215	2016
1324.00	61140.10	61976.30	249287.42	303352.06	5984751.48	5989336.25	3005	226	2016
1325.00	65206.00	66045.20	249200.84	303361.75	5984986.55	5989591.14	3004	225	2016
1326.00	63583.90	64454.70	249112.13	303370.11	5985253.46	5989848.03	1026	219	2016
1327.00	63122.50	63941.50	249031.45	303379.17	5985490.43	5990107.80	1024	216	2016
1328.00	76354.20	77219.20	248939.34	303390.65	5985746.42	5990370.65	1026	219	2016
1329.00	59126.60	60008.00	248856.31	303398.88	5985984.36	5990628.08	1014	206	2016
1330.00	67077.50	67919.00	248769.49	303414.98	5986255.33	5990884.65	1023	215	2016

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1331.00	64569.90	65459.90	248680.35	303426.77	5986487.80	5991134.65	1026	219	2016
1332.00	64125.00	65129.50	248592.26	303436.72	5986739.46	5991401.38	1024	216	2016
1333.00	62482.20	63496.90	248506.22	303445.45	5986995.79	5991661.51	2009	205	2016
1334.00	75371.20	76253.00	248423.43	303457.56	5987246.07	5991914.40	1026	219	2016
1335.00	77185.70	78143.30	248229.63	303470.53	5987506.29	5992183.97	2009	205	2016
1336.00	71488.90	72445.40	248237.31	303476.94	5987753.39	5992435.51	1023	215	2016
1337.00	68997.70	69874.80	248162.57	303490.51	5988005.42	5992688.19	1026	219	2016
1338.00	65257.50	66063.40	248075.38	303501.20	5988244.38	5992940.12	1024	216	2016
1339.00	61557.90	62383.90	247987.87	303508.21	5988489.47	5993203.14	2009	205	2016
1340.00	66282.90	67108.20	247905.65	303522.42	5988745.96	5993461.31	1014	206	2016
1341.00	70000.90	70890.40	247815.60	303531.00	5988993.72	5993724.15	1026	219	2016
1342.00	63990.00	64912.70	247732.67	303543.88	5989250.27	5993982.81	1027	220	2016
1343.00	66168.10	67214.80	247645.56	303552.28	5989490.98	5994243.64	1024	216	2016
1344.00	64158.40	65067.60	247557.49	303564.79	5989739.51	5994498.76	3004	225	2016
1345.00	74362.50	75272.30	247471.84	303573.37	5990006.83	5994764.19	1026	219	2016
1346.00	65050.70	65950.30	247383.43	303587.40	5990253.54	5995016.20	1027	220	2016
1347.00	59173.90	60142.60	247297.19	303594.65	5990501.75	5995275.25	1028	221	2016
1348.00	67336.80	68166.90	247213.88	303605.43	5990741.92	5995527.29	1024	216	2016
1349.00	63254.70	64068.40	247123.37	303614.57	5990989.15	5995791.27	3004	225	2016
1350.00	68716.20	69561.60	247037.30	303626.17	5991241.61	5996051.97	2008	204	2016
1351.00	69409.40	70328.50	246952.32	303637.67	5991498.51	5996309.63	1027	220	2016
1352.00	60266.10	61126.70	246862.22	303648.66	5991740.68	5996557.98	1028	221	2016
1353.00	67614.00	68601.60	246780.14	303658.55	5991990.08	5996827.13	2008	204	2016
1354.00	78302.50	79151.90	246696.07	303670.56	5992244.72	5997138.70	2009	205	2016
1355.00	65455.80	66438.50	246605.51	303679.67	5992494.21	5997350.56	2008	204	2016
1356.00	70454.80	71354.90	246519.81	303688.39	5992745.46	5997595.15	1027	220	2016
1357.00	64606.80	65587.10	246434.75	303700.87	5992998.48	5997864.05	1028	221	2016
1358.00	66623.60	67497.00	246345.95	303708.47	5993239.92	5998115.36	2008	204	2016
1359.00	79279.00	80215.00	246262.54	303723.04	5993488.31	5998381.76	2009	205	2016
1360.00	60657.00	61515.80	246171.18	303729.42	5993729.10	5998634.75	2008	204	2016
1361.00	74728.20	75651.30	246005.36	303745.01	5994001.11	5998902.73	1027	220	2016
1362.00	65684.90	66586.60	246000.44	303755.36	5994243.20	5999150.75	1028	221	2016
1363.00	76339.60	77335.70	245914.01	303766.52	5994486.33	5999415.86	1019	211	2016
1364.00	68325.40	69361.90	245829.97	303775.91	5994736.22	5999663.81	1024	216	2016
1365.00	62223.80	63003.40	256175.60	303784.81	5994997.63	5999038.29	3004	225	2016
1365.01	62287.20	62470.30	245745.51	256374.02	5999024.94	5999924.67	3005	226	2016
1366.00	68537.50	69384.30	245653.22	303793.63	5995243.07	6000171.49	3004	225	2016
1367.00	62568.30	63424.60	245568.21	303804.93	5995496.03	6000442.70	3005	226	2016
1368.00	70013.70	70992.30	245483.49	303819.90	5995749.66	6000707.04	1028	221	2016
1369.00	75423.00	76212.80	245394.56	303824.40	5995989.06	6000956.64	1019	211	2016
1370.00	73197.80	74099.10	245309.02	303836.68	5996235.03	6001219.30	3003	208	2016
1371.00	78803.70	79628.40	245223.36	303849.01	5996492.16	6001475.69	3003	208	2016
1372.00	61324.50	62166.30	245136.34	303862.33	5996745.48	6001730.25	1019	211	2016
1373.00	64279.40	65136.80	245049.69	303867.38	5996994.17	6001995.90	3003	208	2016
1374.00	60364.60	61092.70	261263.49	303883.26	5997242.11	6000868.24	2009	205	2016
1374.01	79292.80	79507.10	244964.75	261453.55	6000850.22	6002252.64	2010	206	2016
1375.00	72160.10	73086.30	244879.45	303890.46	5997490.38	6002514.32	3003	208	2016
1376.00	72555.90	73459.50	244790.21	303902.27	5997752.48	6002766.73	3004	225	2016
1377.00	69507.30	70361.40	244703.72	303910.50	5997993.91	6003026.76	1024	216	2016
1378.00	77610.10	78596.90	244620.91	303925.49	5998238.91	6003287.56	3003	208	2016
1379.00	61461.90	62426.00	244533.65	303931.99	5998490.83	6003542.86	3006	227	2016
1380.00	74362.00	75339.90	244445.91	303948.11	5998762.12	6003805.10	1019	211	2016
1381.00	66621.80	67557.90	244359.90	303953.71	5999005.83	6004061.20	3005	226	2016
1382.00	64047.70	65028.10	244274.14	303969.55	5999249.09	6004320.73	1042	238	2016
1383.00	70467.80	71582.00	244182.65	303977.71	5999485.52	6004574.15	1024	216	2016
1384.00	62539.80	63406.20	244104.40	303984.68	5999748.83	6004847.56	3006	227	2016
1385.00	65148.60	66119.80	244012.63	303999.07	5999996.02	6005090.58	1042	238	2016
1386.00	73614.50	74489.70	243775.47	304006.85	6000238.93	6005364.81	3004	225	2016
1387.00	67679.40	68543.90	243791.07	304017.68	6000497.21	6005609.51	3005	226	2016
1388.00	81420.10	82387.50	243756.96	304027.48	6000741.52	6005875.65	1017	209	2016
1389.00	71699.40	72574.60	243670.06	304038.06	6000986.39	6006125.35	1024	216	2016
1390.00	64032.60	65008.50	243581.54	304051.77	6001237.98	6006390.11	1017	209	2016
1391.00	79739.60	80719.20	243492.84	304061.46	6001490.36	6006647.92	3003	208	2016
1392.00	66603.20	67572.70	243411.95	304073.57	6001749.67	6006903.94	3006	227	2016
1393.00	74165.00	75112.20	243321.87	304082.52	6001988.39	6007158.28	1042	238	2016
1394.00	68881.90	69774.60	243234.97	304094.06	6002245.96	6007419.62	1048	254	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
1395.00	73049.60	74028.90	243149.87	304107.65	6002501.00	6007680.21	1042	238	2016
1396.00	74582.80	75513.60	243066.65	304114.48	6002742.59	6007934.79	3004	225	2016
1397.00	71672.50	72603.70	242975.76	304123.01	6003004.44	6008197.99	3005	226	2016
1398.00	67648.50	68524.50	242890.28	304133.10	6003252.93	6008455.89	3006	227	2016
1399.00	59012.80	60069.40	242801.67	304150.25	6003504.33	6008710.66	3013	239	2016
1400.00	70512.30	71551.90	242716.24	304159.21	6003742.67	6008958.41	1048	254	2016
1401.00	71675.60	72647.00	242629.24	304168.77	6004004.59	6009235.73	1048	254	2016
1402.00	75897.60	76953.00	242542.75	304177.80	6004250.67	6009489.49	1048	254	2016
1403.00	80432.90	81359.30	242456.98	304188.33	6004487.26	6009745.66	2009	205	2016
1404.00	60161.10	61092.10	242372.10	304203.74	6004749.93	6009992.81	3013	239	2016
1405.00	67118.00	68044.50	242285.84	304213.41	6005003.34	6010233.74	3009	232	2016
1406.00	75608.00	76524.00	242197.79	304220.02	6005237.74	6010520.25	3004	225	2016
1407.00	72687.50	73545.70	242109.72	304228.70	6005494.27	6010778.45	3005	226	2016
1408.00	71720.70	72748.10	242027.24	304242.86	6005745.27	6011038.75	3006	227	2016
1409.00	64197.70	65293.20	241942.31	304252.03	6005987.68	6011302.89	3013	239	2016
1410.00	72728.00	73819.70	241853.72	304263.32	6006251.98	6011551.75	3013	239	2016
1411.00	71258.80	72320.60	241767.61	304271.04	6006503.21	6011816.20	3009	232	2016
1412.00	65952.40	66954.20	241556.58	304282.78	6006749.07	6012080.80	3009	232	2016
1413.00	77152.00	78069.90	241572.09	304295.21	6006992.93	6012333.37	1048	254	2016
1414.00	65369.10	66241.60	241505.22	304308.81	6007253.88	6012576.11	3013	239	2016
1415.00	63104.40	64148.90	241420.86	304315.15	6007496.44	6012847.34	3014	241	2016
1416.00	72420.10	73391.30	241338.92	304329.51	6007740.89	6013106.65	3009	232	2016
1417.00	61899.60	62863.80	241249.43	304340.91	6008007.02	6013359.65	3009	232	2016
1418.00	72871.60	73811.80	241162.74	304346.31	6008245.38	6013620.68	3006	227	2016
1419.00	78224.20	79297.60	241073.96	304358.66	6008495.44	6013880.12	1048	254	2016
1420.00	71269.30	72300.00	240991.88	304365.77	6008736.15	6014139.10	3021	258	2016
1421.00	67316.10	68320.80	240905.17	304381.83	6009009.34	6014398.88	2044	259	2016
1422.00	60753.20	61823.10	240818.71	304388.05	6009244.31	6014654.95	3009	232	2016
1423.00	71547.30	72575.20	240728.19	304400.83	6009496.18	6014911.12	3008	231	2016
1424.00	67054.70	68227.90	240641.80	304411.88	6009736.02	6015175.69	2045	261	2016
1425.00	68381.10	69385.50	240554.92	304422.63	6009991.37	6015424.60	2045	261	2016
1426.00	75607.00	76544.40	240473.17	304432.48	6010240.70	6015687.21	3010	233	2016
1427.00	56706.90	57703.00	240383.76	304441.04	6010493.36	6015945.88	3009	232	2016
1428.00	67540.90	68536.00	240297.25	304433.10	6010749.59	6016205.17	3008	231	2016
1429.00	72669.10	73641.70	240210.02	304463.35	6011000.08	6016461.26	3008	231	2016
1430.00	73470.60	74454.70	240125.91	304472.19	6011242.92	6016721.87	3009	232	2016
1431.00	72407.70	73239.10	240042.16	304487.34	6011488.35	6016981.26	3021	258	2016
1432.00	74401.50	75512.30	239950.92	304497.58	6011752.21	6017237.28	3010	233	2016
1433.00	66406.40	67452.00	239867.84	304506.95	6011987.57	6017505.16	3008	231	2016
1434.00	69885.40	70477.90	266886.50	304515.50	6012243.00	6015444.90	3002	207	2016
1434.01	77288.10	77736.80	239777.09	267077.64	6015435.66	6017755.24	1022	214	2016
1435.00	73043.90	74257.90	239691.48	304531.42	6012492.21	6018018.34	2045	261	2016
1436.00	74388.20	75384.60	239609.08	304538.76	6012736.18	6018268.45	2045	261	2016
1437.00	70321.20	71280.20	239518.75	304549.99	6012995.49	6018530.98	3010	233	2016
1438.00	62256.10	63265.60	239342.99	304558.88	6013251.67	6018793.64	3008	231	2016
1439.00	65947.30	66953.60	239349.35	304573.29	6013498.39	6019047.24	3002	207	2016
1440.00	63043.00	63908.60	239260.96	292082.06	6014806.58	6019303.26	3003	208	2016
1440.01	64319.50	64522.20	291892.22	304582.31	6013739.18	6014821.35	3026	266	2016
1441.00	74543.10	75492.90	239172.85	304590.82	6013987.30	6019559.04	3009	232	2016
1442.00	64356.40	65326.50	239086.65	304602.89	6014258.79	6019823.34	3023	261	2016
1443.00	61128.90	62163.60	239005.58	304614.89	6014506.00	6020081.68	3008	231	2016
1444.00	64797.40	65853.50	238917.29	304626.21	6014755.11	6020345.45	3002	207	2016
1445.00	69048.00	70184.10	238829.29	304636.96	6014988.39	6020599.26	3010	233	2016
1446.00	68315.20	69429.90	238739.62	304645.67	6015243.51	6020856.73	3023	261	2016
1447.00	54798.50	55781.00	238655.43	304655.92	6015501.37	6021106.81	3013	239	2016
1448.00	57193.80	58195.50	238572.04	304663.06	6015741.52	6021371.95	3008	231	2016
1449.00	60770.00	61835.00	238485.39	304681.04	6016002.48	6021632.87	3002	207	2016
1450.00	64780.10	65774.30	238394.97	304684.42	6016237.85	6021892.75	3010	233	2016
1451.00	75579.20	76655.90	238312.25	304700.40	6016503.14	6022151.78	3009	232	2016
1452.00	72990.70	73997.80	238224.06	304712.29	6016741.26	6022407.60	1018	210	2016
1453.00	59018.90	60190.00	238136.25	304717.60	6016988.84	6022665.33	2008	204	2016
1454.00	59661.10	60679.70	238050.30	304730.19	6017238.90	6022923.83	3002	207	2016
1455.00	81248.20	82259.90	237965.06	304737.93	6017493.40	6023181.13	1003	193	2016
1456.00	65928.40	66656.30	259635.10	304750.56	6017748.09	6021579.28	1004	194	2016
1456.01	69535.70	69856.60	237876.76	259830.36	6021569.78	6023438.64	3023	261	2016
1457.00	81238.60	82281.70	237792.49	304765.58	6017993.75	6023698.87	1008	200	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
1458.00	74069.90	75188.30	237704.06	304775.44	6018239.23	6023961.17	1018	210	2016
1459.00	76030.40	77073.30	237620.66	304785.75	6018494.81	6024217.14	3021	258	2016
1460.00	60442.50	60630.20	237537.27	249892.86	6023418.32	6024477.75	2025	223	2016
1460.01	66576.70	67455.90	249701.43	304795.20	6018742.76	6023439.99	2051	272	2016
1461.00	71028.40	71976.60	237449.41	304804.59	6018993.95	6024734.64	3023	261	2016
1462.01	71830.90	72910.50	237360.50	304814.18	6019248.58	6024995.18	1018	210	2016
1463.00	60720.50	61720.90	237272.67	304826.34	6019488.43	6025248.89	3027	268	2016
1464.00	79349.70	80474.60	237124.42	304836.61	6019744.63	6025526.24	2044	259	2016
1465.00	78167.50	79176.20	237099.30	304844.85	6019988.82	6025773.85	2044	259	2016
1466.00	61859.20	62470.00	262238.38	304857.38	6020256.62	6023877.79	3014	241	2016
1466.01	62694.70	62858.70	237017.00	247465.15	6025138.19	6026027.64	3014	241	2016
1466.02	69981.90	70243.90	247270.60	262430.55	6023859.88	6025150.81	3023	261	2016
1467.00	66901.80	67994.20	236926.73	304864.64	6020494.03	6026288.24	3007	228	2016
1468.00	57835.10	58935.00	236841.66	304878.23	6020748.75	6026536.79	3014	241	2016
1469.00	77351.50	78239.90	236758.18	304891.24	6020989.13	6026790.20	3021	258	2016
1470.00	75293.40	76313.60	236669.60	304903.86	6021249.13	6027055.49	1018	210	2016
1471.00	76792.70	77971.80	236583.01	304912.69	6021501.78	6027317.12	2044	259	2016
1472.00	72862.00	73862.10	236495.60	304919.51	6021747.60	6027571.95	2044	259	2016
1473.00	71552.10	72693.60	236412.47	304933.60	6022000.20	6027837.01	2044	259	2016
1474.00	78320.10	79461.20	236326.82	304945.16	6022237.50	6028092.15	3021	258	2016
1475.00	73797.00	74960.60	236240.43	304956.71	6022500.27	6028354.11	1044	239	2016
1476.00	68106.40	69129.70	236154.22	304963.66	6022744.99	6028607.42	3007	228	2016
1477.00	64834.50	65922.90	236066.16	304973.96	6022991.82	6028866.60	1018	210	2016
1478.00	65773.00	66797.00	235977.30	304985.03	6023240.19	6029129.17	3007	228	2016
1479.00	70748.10	71160.30	277344.68	304993.44	6023490.19	6025844.85	3014	241	2016
1479.01	79749.50	80328.40	235892.95	277533.52	6025835.11	6029385.35	3021	258	2016
1480.00	77439.80	78521.40	235806.11	305004.04	6023740.84	6029641.17	3018	255	2016
1481.00	91449.30	92609.50	235720.98	305015.23	6023986.94	6029908.31	2038	249	2016
1482.00	89025.40	90123.60	235632.83	305030.78	6024246.62	6030159.52	2038	249	2016
1483.00	56192.30	57252.30	235547.69	305041.51	6024495.17	6030417.18	1043	239	2016
1484.00	63745.90	64793.80	235464.02	305051.58	6024742.98	6030677.67	1041	237	2016
1485.00	78017.90	79114.00	235374.30	305062.69	6025002.85	6030942.19	2003	198	2016
1486.00	69216.80	70325.80	235285.76	305066.98	6025248.42	6031199.58	3007	228	2016
1487.00	79982.40	81263.60	235204.33	305082.72	6025500.51	6031456.48	3010	233	2016
1488.00	64564.50	65690.00	235116.13	305092.26	6025744.18	6031716.50	3007	228	2016
1489.00	62381.00	62748.40	234895.04	257836.46	6030031.03	6031980.61	2026	224	2016
1489.10	61599.20	62303.60	262501.37	305098.90	6025979.13	6029630.67	2026	224	2016
1490.00	76169.20	76540.30	234903.81	257376.34	6030312.99	6032230.93	1002	192	2016
1490.10	75388.70	76058.20	264265.03	305115.72	6026260.19	6029727.91	1002	192	2016
1491.00	62858.70	63191.50	234855.78	256975.03	6030598.77	6032484.09	2026	224	2016
1491.10	63306.90	63910.30	264385.34	305126.91	6026490.03	6029963.65	2026	224	2016
1492.00	67492.40	67837.40	234766.44	256582.82	6030883.54	6032736.68	2026	224	2016
1492.10	66698.50	67373.90	264508.91	305136.12	6026749.90	6030207.88	2026	224	2016
1493.00	67945.10	68264.40	234684.55	256184.25	6031162.75	6032999.88	2026	224	2016
1493.10	68390.90	68985.70	264627.57	305147.59	6026996.28	6030444.85	2026	224	2016
1494.00	76687.30	77008.70	234595.04	255789.26	6031453.88	6033259.27	1002	192	2016
1494.10	77144.50	77754.40	264750.09	305158.95	6027241.14	6030690.31	1002	192	2016
1495.00	73606.00	73934.00	234509.43	255408.89	6031735.34	6033519.79	1002	192	2016
1495.10	74076.10	74708.40	264867.79	305169.37	6027491.52	6030936.18	1002	192	2016
1496.00	61710.20	62043.60	234423.18	254998.15	6032025.08	6033781.91	2027	225	2016
1496.10	60899.30	61548.70	264905.49	305178.47	6027753.10	6031181.84	2027	225	2016
1497.00	61286.30	61636.80	234335.28	254600.72	6032304.97	6034042.56	2028	226	2016
1497.10	60477.70	61110.80	265111.60	305189.72	6027989.58	6031411.62	2028	226	2016
1498.00	72576.80	72898.20	234253.18	254204.24	6032589.44	6034292.87	2026	224	2016
1498.10	71738.00	72400.70	265229.21	305198.16	6028258.51	6031655.70	2026	224	2016
1499.00	67277.90	67596.70	234167.77	253942.44	6032867.65	6034555.21	2029	227	2016
1499.10	66430.60	67088.70	265337.89	305207.73	6028504.62	6031893.05	2029	227	2016
1500.00	73138.70	73490.50	234080.75	253732.51	6033135.43	6034812.09	1002	192	2016
1500.10	72269.30	72936.90	265437.07	305216.99	6028743.85	6032140.77	1002	192	2016
1501.00	67106.50	67409.50	233990.14	253513.48	6033402.22	6035067.63	2011	207	2016
1501.10	67605.20	68238.20	265533.71	305227.54	6028996.69	6032373.24	2011	207	2016
1502.00	62151.40	62430.60	233904.38	253348.86	6033666.89	6035317.21	2027	225	2016
1502.10	62615.50	62956.60	265635.81	287750.97	6030734.53	6032622.66	2027	225	2016
1502.11	62905.60	63207.30	287561.12	305241.53	6029242.78	6030746.21	2029	227	2016
1503.00	73002.30	73307.00	233818.84	253341.62	6033918.54	6035579.28	2026	224	2016
1503.10	73499.60	74100.50	265723.62	305251.89	6029491.40	6032865.17	2026	224	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
1504.00	61747.80	62032.60	233734.90	253328.71	6034175.27	6035848.99	2028	226	2016
1504.10	62228.20	62860.70	265672.76	305264.20	6029747.96	6033124.20	2028	226	2016
1505.00	71911.10	72225.60	233650.30	253318.96	6034430.36	6036111.07	2011	207	2016
1505.10	71056.30	71709.10	265624.63	305272.61	6030006.35	6033371.77	2011	207	2016
1506.00	61716.70	61997.60	233564.21	253307.71	6034677.82	6036360.21	2029	227	2016
1506.10	62178.20	62773.80	265577.89	305281.84	6030243.39	6033630.84	2029	227	2016
1507.00	77594.40	77912.10	233471.78	253296.54	6034931.88	6036628.48	2026	224	2016
1507.10	76740.40	77403.60	265531.43	305298.20	6030508.42	6033885.99	2026	224	2016
1508.00	66744.10	67061.70	233386.09	253287.26	6035184.38	6036886.51	2027	225	2016
1508.10	65911.40	66552.20	265484.98	305309.42	6030757.25	6034138.91	2027	225	2016
1509.00	66355.70	66689.70	233304.54	253274.40	6035431.92	6037142.40	2028	226	2016
1509.10	65521.40	66154.70	265410.85	305315.85	6030998.38	6034396.95	2028	226	2016
1510.00	72331.30	72561.10	237713.70	253262.25	6035691.45	6037011.27	2011	207	2016
1510.10	72740.00	73358.70	265052.82	305327.62	6031245.86	6034679.09	2011	207	2016
1511.00	61289.70	61559.10	237724.11	253253.51	6035940.75	6037265.30	2029	227	2016
1511.10	60424.50	61100.00	264965.61	305338.75	6031490.40	6034940.04	2029	227	2016
1512.00	76233.00	76479.90	237736.98	253240.15	6036189.09	6037522.86	2028	226	2016
1512.10	75427.20	76058.60	264745.11	305347.68	6031741.46	6035208.29	2028	226	2016
1513.00	67164.10	67404.80	237746.74	253226.32	6036439.43	6037762.88	2027	225	2016
1513.10	67581.70	68207.70	264676.85	305356.56	6031989.83	6035466.09	2027	225	2016
1514.00	77496.20	77744.30	237756.07	253218.34	6036691.52	6038018.00	2011	207	2016
1514.10	77939.70	78601.10	264906.67	305366.10	6032239.74	6035694.41	2011	207	2016
1515.00	83953.60	84217.10	237764.43	253205.70	6036946.74	6038264.07	1005	197	2016
1515.10	83083.60	83752.60	265103.84	305381.32	6032497.99	6035929.34	1005	197	2016
1516.00	77077.70	77336.80	237774.02	253194.46	6037199.27	6038518.63	2011	207	2016
1516.10	76202.10	76874.30	265369.62	305393.09	6032750.10	6036157.46	2011	207	2016
1517.00	59295.80	59520.90	237787.61	253186.90	6037449.13	6038762.30	2029	227	2016
1517.10	59716.60	60330.90	265600.50	305400.42	6032988.83	6036390.86	2029	227	2016
1518.00	71674.90	71920.90	237797.70	253173.46	6037702.49	6039021.54	2027	225	2016
1518.10	70821.50	71466.30	265833.41	305410.71	6033252.39	6036622.32	2027	225	2016
1519.00	71689.50	71911.50	237808.82	253165.74	6037954.89	6039270.09	2028	226	2016
1519.10	72106.10	72706.50	266060.77	305420.93	6033494.50	6036854.85	2028	226	2016
1520.00	79290.10	79518.90	237819.48	253177.86	6038189.83	6039518.07	1005	197	2016
1520.10	79731.90	80340.60	266297.79	305434.72	6033750.89	6037080.66	1005	197	2016
1521.00	80194.40	80448.90	237832.28	253193.30	6038456.02	6039765.49	1018	210	2016
1521.10	79348.40	79982.80	266524.10	305444.20	6034001.41	6037313.42	1018	210	2016
1522.00	72029.40	72261.80	237839.15	252933.71	6038726.42	6040015.44	2027	225	2016
1522.10	72476.70	73055.60	266760.07	305456.96	6034237.75	6037540.83	2027	225	2016
1523.00	66810.10	67025.30	237848.97	252780.10	6038983.18	6040263.99	2028	226	2016
1523.10	67239.40	67809.30	266991.22	305464.13	6034505.76	6037773.11	2028	226	2016
1524.00	91306.10	91553.40	237863.39	252623.74	6039254.33	6040520.36	2018	214	2016
1524.10	90472.50	91085.60	267219.62	305472.48	6034741.25	6038010.03	2018	214	2016
1525.00	78854.90	79107.70	237871.85	252468.57	6039524.35	6040759.31	1005	197	2016
1525.10	77981.90	78604.80	267455.12	305485.26	6034986.92	6038240.94	1005	197	2016
1526.00	80597.50	80822.50	237882.86	252306.84	6039786.44	6041013.06	1018	210	2016
1526.10	81063.50	81645.60	267611.49	305498.06	6035237.35	6038476.86	1018	210	2016
1527.00	58955.60	59207.50	237894.97	252179.84	6040043.69	6041269.78	2029	227	2016
1527.10	58075.00	58702.40	267238.36	305508.51	6035489.87	6038760.30	2029	227	2016
1528.00	76482.50	76703.20	237905.34	252074.03	6040304.37	6041515.70	2027	225	2016
1528.10	75668.50	76262.80	266860.63	305518.33	6035748.44	6039038.53	2027	225	2016
1529.00	74685.60	74925.60	237917.29	251971.30	6040561.40	6041773.11	1008	200	2016
1529.10	73850.00	74594.00	257146.29	305528.59	6036006.81	6040126.14	1008	200	2016
1530.00	84407.30	84615.30	237929.32	251866.93	6040825.36	6042020.12	1005	197	2016
1530.10	84697.20	85449.20	257148.78	305538.98	6036243.30	6040381.65	1005	197	2016
1531.00	72557.80	72808.80	237939.07	251768.37	6041088.99	6042269.63	1014	206	2016
1531.10	71572.40	72464.30	257153.72	305549.74	6036497.80	6040631.00	1014	206	2016
1532.00	82605.50	82826.30	237947.79	251669.55	6041348.22	6042526.98	1018	210	2016
1532.10	81735.70	82517.70	257152.82	305563.71	6036742.10	6040880.83	1018	210	2016
1533.00	57036.80	57246.20	237961.26	251706.78	6041591.93	6042766.80	2027	225	2016
1533.10	57329.20	58095.30	257154.41	305571.53	6036992.95	6041127.63	2027	225	2016
1534.00	57681.70	57871.50	237968.89	251793.56	6041835.37	6043011.16	2026	224	2016
1534.10	57948.10	58660.40	257156.47	305583.02	6037246.87	6041375.50	2026	224	2016
1535.00	73007.80	73209.80	237979.02	251865.98	6042083.35	6043263.77	1014	206	2016
1535.10	73288.70	74002.00	257162.53	305590.86	6037491.93	6041628.38	1014	206	2016
1536.00	71270.80	71505.00	237993.98	252143.70	6042308.77	6043530.92	2028	226	2016
1536.10	70409.80	71190.00	257160.46	305607.80	6037750.89	6041871.46	2028	226	2016

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1537.00	56531.10	57551.50	238001.03	305613.41	6037990.34	6043760.13	2028	226	2016
1538.00	75035.90	76097.20	238007.86	305627.31	6038251.62	6044008.59	1008	200	2016
1539.00	56940.20	57960.20	238020.84	305638.90	6038495.43	6044268.68	2029	227	2016
1540.00	70029.20	71077.10	238034.47	305644.26	6038741.61	6044563.99	1008	200	2016
1541.00	74112.20	75288.00	238042.85	305656.40	6038987.63	6044769.50	1014	206	2016
1542.00	67829.70	68865.00	238058.93	305659.47	6039244.71	6045019.86	2029	227	2016
1543.00	78842.00	79947.90	238063.96	305678.03	6039492.39	6045279.81	1008	200	2016
1544.00	63253.00	64306.70	238075.10	305691.55	6039742.60	6045524.37	3007	228	2016
1545.00	63958.80	65111.00	238087.78	305702.17	6039996.54	6045772.44	1008	200	2016
1546.00	70600.90	71654.00	238095.09	305709.34	6040241.10	6046019.24	3007	228	2016
1547.00	71580.10	72643.90	238109.49	305718.68	6040487.97	6046279.87	2029	227	2016
1548.00	56711.20	57709.30	238119.89	305732.67	6040749.02	6046518.40	1038	232	2016
1549.00	62091.90	63129.40	238130.57	305740.13	6040991.68	6046773.65	3007	228	2016
1550.00	65223.20	66283.70	238140.82	305756.37	6041258.64	6047015.39	1008	200	2016
1551.00	62870.90	63990.80	238150.42	305761.68	6041500.90	6047268.29	1038	232	2016
1552.00	72726.60	73728.70	238158.35	305773.07	6041737.38	6047519.05	2029	227	2016
1553.00	64117.00	65087.10	238171.45	305788.49	6041994.93	6047765.17	1038	232	2016
1554.00	87294.60	88187.10	253198.66	305795.93	6042236.43	6046739.89	2038	249	2016
1554.01	71472.30	71768.10	238180.71	253392.81	6046721.33	6048024.09	2041	256	2016
1555.00	68783.90	69903.80	238195.52	305809.20	6042504.68	6048272.13	1008	200	2016
1556.00	94224.20	95361.20	238205.74	305819.80	6042737.86	6048525.06	1020	212	2016
1557.00	76124.40	77129.10	238218.23	305831.18	6043002.00	6048778.29	2029	227	2016
1558.00	71749.10	72804.50	238225.75	305839.72	6043242.62	6049024.65	3007	228	2016
1559.00	60998.30	62022.40	238234.72	305850.40	6043492.74	6049274.29	3007	228	2016
1560.00	57608.60	58620.30	238247.77	305863.10	6043748.87	6049523.70	1020	212	2016
1561.00	86078.10	87141.40	238257.92	305872.14	6043992.75	6049768.57	2038	249	2016
1562.00	84834.10	85945.70	238268.39	305881.20	6044234.97	6050026.30	2038	249	2016
1563.00	70068.20	71185.40	238278.51	305891.39	6044500.02	6050275.95	1038	232	2016
1564.00	83582.20	84664.60	238290.00	305901.08	6044739.58	6050526.39	2038	249	2016
1565.00	82323.60	83436.90	238299.70	305911.95	6045001.07	6050773.96	2038	249	2016
1566.00	78687.00	79791.90	238311.58	305927.48	6045254.28	6051021.64	2038	249	2016
1567.00	63752.70	64834.60	238326.14	305934.39	6045510.77	6051279.56	1021	213	2016
1568.00	72872.60	73886.10	238333.81	305942.86	6045740.66	6051517.94	3007	228	2016
1569.00	59782.50	60871.40	238342.39	305952.81	6045994.36	6051777.99	3007	228	2016
1570.00	71276.40	72274.50	238355.01	305963.74	6046242.92	6052018.54	1038	232	2016
1571.00	64947.70	65919.00	238364.39	305979.48	6046494.84	6052275.22	1021	213	2016
1572.00	60398.90	61406.00	238374.57	305959.41	6046746.73	6052523.62	1021	213	2016
1573.00	68899.00	69907.70	238390.35	305905.89	6047004.31	6052777.49	1045	241	2016
1574.00	74627.40	75788.90	238394.49	306010.05	6047255.45	6053030.56	1038	232	2016
1575.00	80803.50	81874.30	238406.50	306019.80	6047488.66	6053276.98	2032	231	2016
1576.00	68587.00	69706.80	238420.18	306031.42	6047750.03	6053529.51	1021	213	2016
1577.00	59204.30	60297.90	238427.88	306042.27	6048004.22	6053777.25	1021	213	2016
1578.00	73962.80	75030.60	238440.57	306053.28	6048243.61	6054025.88	3007	228	2016
1579.00	58634.40	59682.40	238454.25	306064.80	6048495.29	6054272.40	3007	228	2016
1580.00	90332.70	91522.20	238462.14	306074.08	6048745.74	6054527.43	2025	223	2016
1581.00	69790.70	70809.40	238471.58	306084.82	6048991.38	6054762.09	1021	213	2016
1582.00	56708.10	57765.00	238483.81	306048.72	6049243.31	6055024.88	2031	230	2016
1583.00	60121.70	61214.70	238491.13	306106.66	6049496.82	6055271.54	2031	230	2016
1584.00	75126.70	76175.70	238505.96	306119.47	6049738.24	6055525.67	3007	228	2016
1585.00	91726.90	92642.60	238517.15	306123.32	6049994.83	6055762.73	2025	223	2016
1586.00	73096.30	74131.40	238524.29	306139.38	6050253.38	6056031.27	1021	213	2016
1587.00	55811.30	56831.90	238537.87	306149.38	6050495.47	6056271.98	1021	213	2016
1588.00	82605.40	83576.70	238544.08	306161.19	6050750.27	6056524.25	1020	212	2016
1589.00	57503.60	58552.40	238559.14	306171.21	6050987.93	6056777.61	3007	228	2016
1590.00	61309.00	62350.80	238570.89	306178.36	6051241.78	6057023.95	2031	230	2016
1591.00	74221.30	75190.50	238581.87	306191.10	6051491.10	6057277.29	1021	213	2016
1592.00	76265.30	77405.70	238587.28	306202.21	6051741.19	6057528.98	3007	228	2016
1593.00	64651.50	65698.10	238598.64	306216.19	6051997.35	6057781.03	2031	230	2016
1594.00	65820.00	66845.00	238612.71	306223.42	6052248.95	6058025.71	2031	230	2016
1595.00	56369.20	57435.40	238622.67	306234.26	6052491.19	6058281.97	3007	228	2016
1596.00	75280.40	76344.80	238632.99	306243.66	6052741.25	6058528.76	1021	213	2016
1597.00	69081.50	70129.50	238642.72	306257.57	6053005.56	6058772.80	2031	230	2016
1598.00	70248.60	71271.20	238656.49	306270.36	6053248.46	6059028.13	2031	230	2016
1599.00	73575.50	74634.40	238669.11	306278.74	6053500.69	6059288.21	2031	230	2016
1600.00	87139.90	88140.70	238674.30	306286.58	6053741.70	6059525.43	2018	214	2016
1601.00	72286.60	73340.90	238685.02	306302.39	6054001.28	6059780.86	2032	231	2016

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1602.00	82030.40	83049.30	238695.18	306307.63	6054240.94	6060024.29	2032	231	2016
1603.00	59199.80	60241.20	238705.33	306320.49	6054495.19	6060282.84	1029	223	2016
1604.00	53164.40	54205.20	238717.97	306333.04	6054742.13	6060519.76	2019	215	2016
1605.00	85973.90	87056.50	238730.08	306342.82	6055002.25	6060780.34	2018	214	2016
1606.00	91960.20	93138.70	238740.69	306351.72	6055251.01	6061033.26	2020	216	2016
1607.00	74721.00	75765.80	238747.61	306359.55	6055484.57	6061275.92	2031	230	2016
1608.00	75890.00	76954.30	238758.26	306374.16	6055739.22	6061529.56	2031	230	2016
1609.00	82239.30	83204.00	238770.10	306379.81	6055996.13	6061776.12	2025	223	2016
1610.00	82635.30	83614.90	238785.23	306390.23	6056243.99	6062031.14	2018	214	2016
1611.00	83185.00	84209.40	238793.89	306407.52	6056493.50	6062277.74	1018	210	2016
1612.00	88227.30	89102.10	248784.84	306413.45	6056738.50	6061673.03	2018	214	2016
1613.00	65671.90	66566.30	248794.24	306424.97	6057005.53	6061925.72	1025	217	2016
1614.00	59396.80	60369.40	248803.64	306436.26	6057252.88	6062173.97	1026	219	2016
1615.00	53575.10	54477.10	248817.72	306448.07	6057499.38	6062422.00	1028	221	2016
1616.00	57745.40	58664.40	248828.50	306459.24	6057751.79	6062675.63	1027	220	2016
1617.00	83156.20	84011.90	248837.81	306467.26	6057988.26	6062918.92	2032	231	2016
1618.00	70199.60	71156.30	248847.53	306476.62	6058240.61	6063170.44	1045	241	2016
1619.00	81700.70	82504.60	248857.54	306487.12	6058490.64	6063427.60	3003	208	2016
1620.00	89182.90	90057.60	248770.05	306498.30	6058743.07	6063677.66	2018	214	2016
1621.00	84319.10	85234.70	248746.62	306514.50	6058995.94	6063940.96	1018	210	2016
1622.01	69821.40	70769.00	248617.63	306521.39	6059236.29	6064200.21	2041	256	2016
1623.00	71301.40	72089.00	248489.68	306533.70	6059490.61	6064456.10	1045	241	2016
1624.00	57019.40	57913.20	248338.57	306547.27	6059749.76	6064723.78	3004	225	2016
1625.00	61979.60	62859.20	248096.10	306552.46	6060000.16	6065001.47	1031	224	2016
1626.00	77370.60	78432.60	247856.04	306565.93	6060254.31	6065271.90	1030	223	2016
1627.00	77153.40	78106.70	247615.25	306578.03	6060501.21	6065545.62	1020	212	2016
1628.00	64359.80	65306.90	247373.37	306586.55	6060762.74	6065812.76	2014	210	2016
1629.00	82584.10	83458.40	247136.24	306595.79	6060993.05	6066091.86	3003	208	2016
1630.00	84312.90	85301.30	246893.07	306607.56	6061262.22	6066360.01	2014	210	2016
1631.00	58684.40	59623.70	246494.05	306620.90	6061495.49	6066638.14	2015	211	2016
1632.00	79919.90	80931.00	246401.35	306629.90	6061765.75	6066902.91	2015	211	2016
1633.00	94821.30	95935.50	246173.67	306641.80	6062000.11	6067171.47	2016	212	2016
1634.00	65106.20	66143.70	245933.87	306650.28	6062248.93	6067444.48	1031	224	2016
1635.00	82685.50	83589.70	245693.00	306663.15	6062498.52	6067715.29	2016	212	2016
1636.00	55894.70	56824.50	245452.61	306671.20	6062747.10	6067983.87	2030	228	2016
1637.00	66254.40	67182.30	245210.52	306682.76	6063004.88	6068247.65	1031	224	2016
1638.00	89220.70	90177.40	244974.55	306692.25	6063249.24	6068525.00	2016	212	2016
1639.00	79498.40	80446.80	244733.01	306701.81	6063488.45	6068800.64	1031	224	2016
1640.00	92933.60	93955.70	244491.36	306715.37	6063738.52	6069067.90	2025	223	2016
1641.00	85774.90	86839.30	244103.21	306725.30	6064005.91	6069358.04	2016	212	2016
1642.00	69336.60	70432.50	244010.18	306739.81	6064251.44	6069621.82	1031	224	2016
1643.00	55870.40	56779.20	243773.63	306745.85	6064496.32	6069879.13	2021	217	2016
1644.00	84234.80	85088.40	243529.86	306757.13	6064747.11	6070156.88	2020	216	2016
1645.00	86987.60	87953.40	243292.13	306770.81	6064984.97	6070432.77	2016	212	2016
1646.00	70557.70	71523.90	243053.45	306779.26	6065251.96	6070702.34	1031	224	2016
1647.00	56753.50	57731.20	242814.81	306789.82	6065494.94	6070971.87	3005	226	2016
1648.00	78293.80	79394.50	242568.90	306804.70	6065754.11	6071248.27	1031	224	2016
1649.00	82982.10	84109.70	242329.37	306810.68	6066009.78	6071515.98	2020	216	2016
1650.00	88048.30	89104.90	242091.14	306824.95	6066244.28	6071789.27	2016	212	2016
1651.00	80547.90	81694.90	241719.47	306730.02	6066503.37	6072076.58	1031	224	2016
1652.00	81979.00	82921.50	241612.66	306729.99	6066752.05	6072329.02	3010	233	2016
1653.00	83050.60	84229.70	241368.98	306852.63	6066993.46	6072601.98	3010	233	2016
1654.00	80011.10	80919.80	239253.82	306862.87	6067249.24	6073032.73	2020	216	2016
1655.00	60094.30	61350.50	238543.34	306877.12	6067481.88	6073352.38	1012	204	2016
1656.00	61690.30	62813.50	238540.22	306889.13	6067750.00	6073604.82	1003	193	2016
1657.00	80561.50	81674.70	238530.18	306895.87	6067996.47	6073847.26	1047	249	2016
1658.00	59962.00	60977.50	238531.13	306906.65	6068241.26	6074100.49	3021	258	2016
1659.00	77597.70	78652.00	238530.77	306913.89	6068490.29	6074362.59	3022	259	2016
1660.00	61456.10	62499.70	238532.13	306931.35	6068741.59	6074603.35	1012	204	2016
1661.00	62907.30	64004.70	238529.85	306939.61	6068996.13	6074852.08	1003	193	2016
1662.00	64715.30	65322.60	271818.76	306950.60	6069258.79	6072253.47	1013	205	2016
1662.01	77617.40	78099.10	238528.83	272010.89	6072240.90	6075110.30	2017	213	2016
1663.00	75265.90	76283.30	238528.74	306956.54	6069492.23	6075359.54	3022	259	2016
1664.00	65555.90	66503.60	238530.19	306973.62	6069742.69	6075614.37	3021	258	2016
1665.00	72010.50	73142.60	238525.12	306978.55	6069993.04	6075864.89	1025	217	2016
1666.00	66006.90	67121.90	238528.62	306992.06	6070257.50	6076107.02	1003	193	2016

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1667.00	65489.90	66047.50	270079.69	307005.99	6070497.61	6073659.86	1013	205	2016
1667.01	77424.10	77985.00	238525.82	272068.06	6073486.54	6076362.06	3011	238	2016
1668.00	78735.30	79823.50	238523.07	307015.98	6070743.56	6076610.54	3022	259	2016
1669.00	79948.20	80948.90	238525.23	307023.51	6070993.43	6076866.36	3022	259	2016
1670.00	73254.60	74312.00	238526.70	307034.95	6071240.75	6077117.15	1025	217	2016
1671.00	67235.50	68291.60	238522.00	307047.61	6071500.85	6077366.12	1003	193	2016
1672.00	76381.00	77501.20	238523.32	307055.58	6071735.93	6077618.15	3022	259	2016
1673.00	74098.20	75178.50	238520.83	307064.35	6071997.85	6077868.00	3022	259	2016
1674.00	64292.40	65457.80	238524.47	307080.54	6072243.43	6078123.42	3021	258	2016
1675.00	74432.40	75604.60	238521.48	307089.93	6072493.86	6078371.05	1025	217	2016
1676.00	70286.30	71400.20	238519.34	307098.54	6072749.03	6078615.62	1003	193	2016
1677.00	61003.80	62072.00	238518.02	307110.98	6072989.66	6078869.46	2043	258	2016
1678.00	65724.80	66786.70	238522.54	307119.45	6073243.33	6079125.76	2042	257	2016
1679.02	81039.30	82115.70	238523.08	307063.94	6073493.56	6079374.45	3022	259	2016
1680.00	75702.60	76732.50	238520.61	307144.82	6073740.19	6079623.55	1025	217	2016
1681.00	71515.20	72571.20	238521.41	307151.97	6073995.45	6079873.43	1003	193	2016
1682.00	80728.90	81941.70	238519.36	307165.24	6074239.95	6080129.51	1039	233	2016
1683.00	83336.20	84525.10	238515.47	307176.18	6074492.22	6080381.49	1039	233	2016
1684.00	82144.00	83152.40	238517.44	307187.80	6074740.24	6080628.24	1039	233	2016
1685.00	79593.80	80597.60	238514.34	307194.63	6074991.18	6080880.99	1039	233	2016
1686.00	74536.20	75668.20	238513.89	307208.52	6075248.19	6081136.23	1003	193	2016
1687.00	78221.10	79445.20	238515.44	307215.15	6075490.40	6081383.81	1039	233	2016
1688.00	73700.30	74900.10	238515.04	307228.68	6075751.28	6081636.08	1031	224	2016
1689.00	75692.30	76925.90	238513.04	307236.61	6076003.03	6081888.96	1039	233	2016
1690.00	66140.50	67248.00	238517.63	307247.38	6076241.28	6082137.15	1035	228	2016
1691.00	75797.50	76902.50	238510.97	307262.47	6076490.11	6082384.01	1003	193	2016
1692.00	75013.10	76070.30	238512.49	307269.21	6076749.09	6082639.74	1031	224	2016
1693.00	76946.20	77111.90	238515.12	248949.09	6081995.85	6082894.62	1035	228	2016
1693.10	75959.80	76942.40	249191.00	307285.36	6076996.95	6081974.39	1035	228	2016
1694.00	77818.70	77976.80	238510.91	248909.73	6082254.53	6083145.00	2018	214	2016
1694.10	76885.50	77808.60	249568.94	307293.02	6077250.69	6082195.16	2018	214	2016
1695.00	67354.90	67524.30	238509.12	248860.34	6082501.94	6083386.82	1035	228	2016
1695.10	67541.30	68441.70	249965.86	307305.22	6077485.78	6082412.85	1035	228	2016
1696.00	79752.60	79924.50	238511.24	248820.52	6082761.90	6083648.31	1003	193	2016
1696.10	78781.00	79726.40	250353.90	307317.89	6077744.09	6082628.57	1003	193	2016
1697.00	77033.90	77193.70	238508.78	248774.17	6083020.09	6083886.86	1039	233	2016
1697.10	77221.00	78055.50	250744.34	307322.07	6077992.80	6082846.82	1039	233	2016
1698.00	56451.20	56626.60	238510.97	248728.79	6083270.10	6084172.86	2017	213	2016
1698.10	56698.30	57528.50	253281.83	307337.41	6078247.17	6082877.13	2017	213	2016
1699.00	84257.40	84411.10	238512.62	248532.47	6083539.50	6084397.63	1017	209	2016
1699.10	72880.90	73665.30	254116.41	307348.32	6078498.70	6083070.38	1039	233	2016
1700.00	84518.60	84681.20	238507.43	248314.70	6083809.02	6084651.94	1017	209	2016
1700.10	68543.30	69410.00	254947.20	307236.20	6078754.39	6083240.80	1035	228	2016
1701.00	84802.50	84954.10	238512.85	248103.15	6084079.62	6084904.34	1017	209	2016
1701.10	71820.00	72765.40	255339.21	307245.83	6078996.80	6083463.40	1039	233	2016
1702.00	85072.50	85218.60	238506.40	247887.56	6084350.00	6085151.32	1017	209	2016
1702.10	76058.00	76799.20	255722.92	307260.57	6079249.43	6083668.10	2039	254	2016
1703.00	85390.20	85522.30	239111.53	247720.97	6084613.25	6085352.71	1017	209	2016
1703.10	57884.30	58703.10	256101.44	307267.43	6079500.57	6083893.17	1042	238	2016
1704.00	69108.20	69876.50	256485.61	307397.92	6079738.80	6084114.34	1039	233	2016
1705.00	69495.80	70309.70	256838.73	307411.03	6079988.75	6084327.10	1035	228	2016
1706.00	76909.50	77560.20	269799.02	307422.45	6080241.30	6083471.42	2039	254	2016
1706.01	74726.10	74943.40	257180.03	269990.29	6083456.23	6084554.46	3019	256	2016
1707.00	77672.50	78188.10	272305.35	307431.22	6080490.70	6083507.50	2039	254	2016
1707.01	74262.50	74465.40	257541.82	272495.81	6083490.92	6084779.39	3019	256	2016
1708.00	67982.70	68839.90	257880.30	307442.15	6080750.97	6084995.74	1039	233	2016
1709.00	56362.80	57145.30	258143.83	307454.31	6080995.59	6085220.10	1035	228	2016
1710.00	70391.90	71222.50	258245.78	307465.49	6081236.89	6085464.14	1035	228	2016
1711.00	69889.10	70613.60	267357.90	307476.74	6081507.79	6084940.55	1012	204	2016
1711.01	90403.10	90535.60	258353.53	267548.39	6084923.10	6085709.74	2017	213	2016
1712.00	77338.70	78042.90	258451.43	307487.75	6081749.04	6085946.49	2024	221	2016
1713.00	71317.40	72107.50	258555.56	307497.62	6081988.90	6086189.91	1035	228	2016
1714.00	57435.40	58142.50	258660.87	307508.89	6082245.97	6086434.67	3006	227	2016
1715.00	72238.30	73061.80	258761.59	307518.83	6082491.55	6086675.84	1035	228	2016
1716.00	67332.80	68034.50	258870.96	307528.33	6082747.57	6086957.78	1012	204	2016
1717.00	75042.80	75751.10	258968.67	307539.99	6082989.65	6087160.14	3019	256	2016

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1718.00	81943.80	82644.60	259076.63	307547.24	6083238.80	6087408.78	3019	256	2016
1719.00	84025.10	84747.40	259371.33	307560.48	6083492.13	6087626.71	3019	256	2016
1720.00	77030.20	77831.70	259719.13	307569.13	6083736.83	6087853.06	1025	217	2016
1721.00	66330.30	67180.80	260124.43	307580.91	6084002.19	6088063.60	1012	204	2016
1722.00	70123.80	70853.70	260810.30	307594.21	6084242.88	6088256.66	2040	255	2016
1723.00	73145.10	73870.50	260712.88	307605.23	6084489.33	6088519.64	1035	228	2016
1724.00	72773.90	73365.60	269989.78	307613.61	6084745.62	6087968.95	2040	255	2016
1724.01	83574.50	83701.40	260613.27	270188.30	6087956.13	6088781.45	3019	256	2016
1725.00	74003.20	74802.30	260525.57	307622.16	6084982.31	6089035.49	1024	216	2016
1726.00	63807.10	64522.40	260431.73	307635.60	6085222.16	6089296.60	1012	204	2016
1727.00	71508.50	72290.70	260337.30	307647.73	6085483.85	6089556.32	2040	255	2016
1728.00	75834.20	76580.30	260240.60	307655.65	6085738.73	6089810.40	3019	256	2016
1729.00	61961.00	62679.10	260149.28	307669.08	6085986.56	6090075.80	2039	254	2016
1730.00	62852.40	63666.10	259930.66	307679.59	6086238.99	6090340.09	1012	204	2016
1731.00	82738.50	83493.60	259943.87	307685.83	6086492.75	6090593.56	3019	256	2016
1732.00	81054.60	81840.20	259821.49	307698.36	6086744.49	6090856.28	3019	256	2016
1733.00	73951.20	74745.90	259692.33	307708.16	6086984.73	6091115.78	1035	228	2016
1734.00	76670.30	77367.00	259566.09	307720.02	6087245.36	6091379.87	3019	256	2016
1735.00	71198.90	71972.40	259436.11	307728.99	6087498.60	6091641.47	2039	254	2016
1736.00	68797.50	69528.10	259313.98	307742.27	6087749.70	6091903.64	2039	254	2016
1737.00	65387.90	66133.70	259185.59	307752.13	6087994.60	6092162.01	2039	254	2016
1738.00	67822.40	68601.00	258789.72	307761.73	6088253.26	6092455.43	2039	254	2016
1739.00	72171.50	72893.70	257933.35	307777.48	6088497.08	6092771.41	2039	254	2016
1740.00	73260.40	74098.90	257082.67	307786.56	6088739.93	6093095.47	3019	256	2016
1741.00	64377.70	65194.00	256891.43	307795.51	6088995.27	6093367.67	2039	254	2016
1742.00	77460.70	78288.20	256708.68	307803.52	6089238.06	6093630.11	3019	256	2016
1743.00	74905.00	75706.50	256527.37	307814.46	6089494.76	6093900.56	1035	228	2016
1744.00	83887.70	84583.60	265217.18	307825.60	6089758.10	6093403.55	1047	249	2016
1744.01	85874.10	85989.90	256343.38	265415.30	6093387.59	6094155.89	3019	256	2016
1745.00	84919.70	85758.10	256235.67	307836.76	6089984.87	6094417.80	3019	256	2016
1746.00	83843.20	84786.60	256144.11	307848.88	6090241.44	6094681.48	3020	257	2016
1747.00	80182.60	80920.60	256057.66	307859.56	6090491.70	6094946.21	3019	256	2016
1748.00	90700.00	91541.20	255971.65	307870.74	6090747.74	6095202.90	1047	249	2016
1749.00	72426.60	73186.00	255884.62	307879.22	6090991.90	6095463.94	3019	256	2016
1750.00	78405.50	79161.00	255796.20	307892.43	6091241.89	6095718.07	3019	256	2016
1751.00	61888.30	62710.70	255709.97	307899.93	6091489.01	6095978.49	2049	268	2016
1752.00	80660.70	81392.70	255183.92	307911.08	6091743.05	6096274.63	3020	257	2016
1753.00	79103.80	80011.50	254849.07	307927.19	6091992.07	6096551.68	2033	232	2016
1754.00	91705.60	92616.20	254386.88	307931.71	6092241.65	6096840.90	2024	221	2016
1755.00	84947.30	85641.60	262842.62	307947.67	6092495.66	6096364.95	1047	249	2016
1755.01	71731.90	71856.00	253919.78	263035.63	6096351.22	6097131.99	3019	256	2016
1756.00	79242.00	80103.80	253683.91	307958.94	6092738.18	6097407.03	3019	256	2016
1757.00	70675.80	71585.70	253511.11	307969.20	6092992.66	6097672.81	3019	256	2016
1758.00	80288.90	80983.30	262878.81	307980.79	6093255.64	6097115.48	2040	255	2016
1758.01	71975.20	72161.00	253335.94	263071.70	6097102.96	6097939.03	3019	256	2016
1759.00	78752.00	79536.70	253171.79	307987.51	6093490.86	6098203.16	3020	257	2016
1760.00	89378.30	90309.40	253125.46	307998.80	6093739.16	6098459.03	2046	264	2016
1761.00	81737.80	82597.80	253077.45	308010.05	6093987.41	6098709.01	2046	264	2016
1762.00	64124.80	64967.10	252893.05	308023.50	6094248.31	6098980.92	3022	259	2016
1763.00	78195.50	78995.50	252904.28	308030.04	6094491.35	6099230.01	2033	232	2016
1764.00	74510.50	75454.50	252816.50	308041.27	6094753.45	6099492.93	2039	254	2016
1765.00	79644.90	80559.00	252828.45	308053.25	6094991.64	6099738.41	3020	257	2016
1766.00	77755.50	78676.60	252819.94	308065.59	6095243.64	6099988.40	3020	257	2016
1767.00	66963.20	67770.60	252541.91	308075.96	6095494.55	6100270.72	3020	257	2016
1768.00	68913.50	69726.20	252256.28	308083.67	6095741.18	6100537.68	3020	257	2016
1769.00	70865.50	71677.90	251973.89	308094.67	6095992.53	6100817.69	3020	257	2016
1770.00	72823.90	73625.30	251697.23	308104.68	6096241.36	6101092.50	3020	257	2016
1771.00	74758.50	75591.70	251384.71	308117.42	6096492.39	6101369.43	3020	257	2016
1772.00	77136.50	78109.20	251041.71	308127.80	6096751.93	6101655.51	2033	232	2016
1773.00	74684.40	75641.90	250517.44	308136.89	6096987.88	6101948.09	2021	217	2016
1774.00	65689.50	66669.60	250350.56	308146.51	6097241.59	6102211.19	3020	257	2016
1775.00	67857.70	68838.20	250010.32	308159.85	6097491.02	6102496.04	3020	257	2016
1776.00	69815.20	70782.80	249663.90	308167.09	6097739.48	6102772.80	3020	257	2016
1777.00	71764.70	72752.40	249378.80	308181.81	6097981.88	6103048.75	3020	257	2016
1778.00	73707.80	74668.10	249271.86	308188.75	6098238.39	6103309.85	3020	257	2016
1779.00	76800.50	77645.80	249162.58	308201.15	6098490.06	6103571.66	3020	257	2016

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1780.00	67081.10	67995.40	249058.69	308216.60	6098742.71	6103827.24	2041	256	2016
1781.00	69400.10	70311.30	248949.10	308224.69	6098990.26	6104092.11	3018	255	2016
1782.00	74787.70	75668.20	248840.54	308234.40	6099249.91	6104348.05	2033	232	2016
1783.00	73674.30	74559.70	248733.32	308134.36	6099500.18	6104612.21	2021	217	2016
1784.00	92662.60	93633.30	248550.55	308255.16	6099739.15	6104876.84	3016	249	2016
1785.00	75702.50	76707.40	248153.57	308268.97	6099991.91	6105162.43	3020	257	2016
1786.00	64748.40	65599.80	247864.09	308278.96	6100242.42	6105436.34	3020	257	2016
1787.00	91692.20	92569.30	247523.95	308287.52	6100489.83	6105719.19	3016	249	2016
1788.00	73632.30	74714.60	247174.49	308301.11	6100748.47	6105999.69	2033	232	2016
1789.00	72979.60	73899.00	246830.28	308310.06	6100991.82	6106281.38	1036	230	2016
1790.00	82562.50	83562.40	242516.56	308321.66	6101238.38	6106897.82	2017	213	2016
1791.00	79438.40	80356.70	242530.03	308333.45	6101497.56	6107150.44	2019	215	2016
1792.00	71188.40	72162.20	242536.36	308339.58	6101742.81	6107403.57	2033	232	2016
1793.00	72431.30	73506.60	242554.83	308354.87	6101992.48	6107655.18	2021	217	2016
1794.00	65265.40	66233.90	242566.02	308361.65	6102242.16	6107901.97	3019	256	2016
1795.00	85233.80	86327.40	242574.63	308374.96	6102509.47	6108159.89	2017	213	2016
1796.00	89673.50	90763.70	242587.24	308387.37	6102743.28	6108406.50	2019	215	2016
1797.00	69925.40	71083.90	242596.17	308398.99	6102999.00	6108657.34	2033	232	2016
1798.00	84737.30	85761.60	242608.66	308408.45	6103253.67	6108904.88	3016	249	2016
1799.00	90543.00	91569.60	242620.06	308418.87	6103503.28	6109155.88	3016	249	2016
1800.00	86436.50	87423.80	242638.25	308428.69	6103739.77	6109406.71	2017	213	2016
1801.00	88697.70	89566.10	242648.94	308436.79	6103993.96	6109654.70	2019	215	2016
1802.00	90861.10	91807.30	242659.74	308451.62	6104239.98	6109903.91	2019	215	2016
1803.00	75245.80	76260.70	242670.44	308458.24	6104493.34	6110151.96	2030	228	2016
1804.00	87065.50	88143.00	242682.94	308474.91	6104751.36	6110406.39	3016	249	2016
1805.00	88813.00	89908.10	242697.76	308482.85	6105004.27	6110659.38	2017	213	2016
1806.00	87519.80	88617.30	242707.90	308493.89	6105244.80	6110907.02	2019	215	2016
1807.00	65940.60	66927.50	242721.72	308501.48	6105488.65	6111153.35	2033	232	2016
1808.00	62365.60	63349.30	242732.97	308511.45	6105742.43	6111410.55	2033	232	2016
1809.00	91999.60	93141.90	242741.11	308522.34	6105994.69	6111655.65	2019	215	2016
1810.00	75448.80	76534.10	242754.09	308537.46	6106246.53	6111913.00	2013	209	2016
1811.00	75522.10	76602.60	242767.04	308546.91	6106500.04	6112154.45	1033	226	2016
1812.00	58783.70	59776.80	242777.49	308557.49	6106742.91	6112404.73	2033	232	2016
1813.00	88221.10	89248.90	242788.11	308568.91	6106995.53	6112654.33	3016	249	2016
1814.00	64726.60	65842.80	242801.39	308576.98	6107258.98	6112905.49	2033	232	2016
1815.00	73112.80	74132.00	242813.65	308589.98	6107504.93	6113150.50	2013	209	2016
1816.00	61154.40	62275.70	242825.16	308598.91	6107760.32	6113406.50	2033	232	2016
1817.00	74131.70	75110.30	242840.10	308608.13	6107992.61	6113656.91	2030	228	2016
1818.00	85309.40	86416.70	242846.99	308618.71	6108246.24	6113909.42	2019	215	2016
1819.00	56185.20	57208.60	242856.87	308631.69	6108497.42	6114152.47	2018	214	2016
1820.00	71908.20	73014.30	242874.84	308643.19	6108750.26	6114410.55	2013	209	2016
1821.00	76630.10	77613.20	242884.33	308656.55	6109000.55	6114651.12	2013	209	2016
1822.00	73662.50	74828.60	242893.41	308666.08	6109249.43	6114908.26	2019	215	2016
1823.00	74377.80	75508.50	242908.38	308676.40	6109500.74	6115161.58	2020	216	2016
1824.00	53645.30	54636.90	242917.84	308686.36	6109752.19	6115400.47	2020	216	2016
1825.00	63290.20	64407.10	242930.15	308698.31	6109997.81	6115661.41	1034	227	2016
1826.00	79751.10	80846.40	242946.67	308704.70	6110250.18	6115904.98	2013	209	2016
1827.00	63442.30	64504.90	242952.20	308719.23	6110494.98	6116155.28	2013	209	2016
1828.00	86494.00	87397.30	242971.09	308730.58	6110736.39	6116403.36	2019	215	2016
1829.00	64481.80	65468.70	242980.92	308740.14	6110996.59	6116645.93	1034	227	2016
1830.00	64546.50	65577.80	242992.67	308750.18	6111249.13	6116906.30	1039	233	2016
1831.00	59223.80	60151.20	243006.19	308760.93	6111498.96	6117154.06	3017	254	2016
1832.00	80933.10	81971.90	243016.03	308773.86	6111759.30	6117406.33	2013	209	2016
1833.00	67560.40	68706.30	243029.37	308782.01	6112001.27	6117658.92	1034	227	2016
1834.00	64522.50	65589.40	243039.17	308791.41	6112244.28	6117907.40	3017	254	2016
1835.00	77702.10	78838.20	243048.51	308806.85	6112487.98	6118155.53	3017	254	2016
1836.00	62304.90	63425.10	243063.80	308816.96	6112741.56	6118402.77	3017	254	2016
1837.00	66575.10	67644.60	243070.87	308825.02	6113009.54	6118651.57	2013	209	2016
1838.00	68799.90	69810.00	243083.18	308839.20	6113248.04	6118898.96	1034	227	2016
1839.00	84010.80	85071.90	243089.02	308845.12	6113503.32	6119157.23	2013	209	2016
1840.00	65650.00	66595.20	243103.68	308854.78	6113740.10	6119404.01	3017	254	2016
1841.00	71907.70	72994.90	243109.48	308869.45	6114010.19	6119658.63	1034	227	2016
1842.00	75490.40	76515.30	243120.59	308879.88	6114236.61	6119905.23	1036	230	2016
1843.00	63494.40	64439.10	243125.19	308890.68	6114494.48	6120147.07	3017	254	2016
1844.00	69636.50	70723.60	243136.91	308902.25	6114748.25	6120411.04	2035	237	2016
1845.00	73085.60	74101.70	243149.84	308910.76	6114998.04	6120657.10	1034	227	2016

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1846.00	84339.80	85403.30	243155.86	308924.20	6115239.96	6120909.38	1036	230	2016
1847.00	67773.40	68797.50	243164.83	308931.17	6115502.76	6121158.66	2013	209	2016
1848.00	72753.60	73813.40	243170.83	308942.89	6115744.54	6121400.09	2030	228	2016
1849.00	76151.00	77232.00	243186.46	308958.76	6116005.01	6121661.37	1034	227	2016
1850.00	76593.70	77573.20	243192.74	308965.70	6116243.73	6121907.80	1036	230	2016
1851.00	83184.90	84229.20	243202.64	308978.92	6116488.41	6122159.32	1036	230	2016
1852.00	61430.30	62524.40	243211.32	308985.65	6116753.29	6122411.64	1033	226	2016
1853.00	85067.80	86216.60	243222.56	308903.64	6117003.69	6122660.15	1040	236	2016
1854.00	76875.00	77925.60	243232.23	309008.90	6117236.20	6122910.01	1032	225	2016
1855.00	82067.00	83106.90	243237.57	309017.25	6117489.65	6123165.68	1036	230	2016
1856.00	62614.90	63660.40	243248.06	309033.01	6117751.75	6123405.83	1033	226	2016
1857.00	75760.80	76762.80	243258.37	308934.65	6117998.52	6123663.40	1032	225	2016
1858.00	77674.20	78701.70	243268.68	309053.12	6118238.30	6123913.30	1036	230	2016
1859.00	70820.70	71753.90	243274.02	309064.31	6118489.59	6124159.34	2035	237	2016
1860.00	66731.70	67821.70	243282.53	309070.26	6118738.18	6124415.03	3017	254	2016
1861.00	74606.10	75660.70	243297.15	309086.25	6119004.30	6124670.25	1032	225	2016
1862.00	87776.30	88666.00	243301.15	309096.71	6119241.46	6124909.62	3024	264	2016
1863.00	71844.30	72893.20	243313.81	309105.11	6119490.63	6125167.94	2035	237	2016
1864.00	80969.00	81959.00	243320.43	309119.33	6119745.36	6125414.21	1036	230	2016
1865.00	71626.10	72684.90	243333.86	309128.65	6119996.45	6125663.54	1032	225	2016
1866.00	78773.00	79781.60	243339.83	309136.15	6120240.31	6125909.83	1036	230	2016
1867.00	67904.50	68886.10	243352.07	309146.32	6120487.21	6126153.64	3017	254	2016
1868.00	70450.00	71502.40	243359.10	309157.24	6120746.86	6126414.77	1032	225	2016
1869.00	74205.80	74886.50	261589.72	309169.96	6120992.70	6125094.69	3017	254	2016
1869.01	63813.20	64090.60	243371.67	261778.98	6125078.98	6126661.84	3025	265	2016
1870.00	72960.00	73916.70	243376.09	309180.23	6121236.19	6126908.65	2035	237	2016
1871.00	67489.80	68530.70	243384.17	309192.66	6121491.49	6127166.00	1032	225	2016
1872.00	86719.10	87686.10	243399.74	309200.61	6121741.39	6127411.96	3024	264	2016
1873.00	88771.50	89744.50	243406.24	309212.62	6121981.19	6127666.10	3024	264	2016
1874.00	79866.80	80881.60	243417.99	309224.29	6122240.94	6127917.22	1036	230	2016
1875.00	68976.00	70038.80	243426.39	309238.57	6122499.95	6128173.74	3017	254	2016
1876.00	66268.60	67375.80	243436.29	309246.40	6122741.94	6128419.49	1032	225	2016
1877.00	74006.90	74998.40	243443.76	309256.06	6122990.74	6128670.04	2035	237	2016
1878.00	71124.30	72208.30	243452.30	309269.50	6123247.08	6128919.86	3017	254	2016
1879.00	73355.90	74123.40	261696.68	309277.83	6123500.33	6127592.45	3017	254	2016
1879.01	60190.70	60485.00	243462.89	261887.39	6127579.17	6129166.89	3026	266	2016
1880.00	66259.60	67336.60	243467.67	309184.28	6123750.32	6129417.47	3028	272	2016
1881.00	63370.70	64407.30	243477.27	309296.99	6123991.42	6129669.20	1032	225	2016
1882.00	85706.50	86642.90	243485.95	309306.97	6124240.24	6129919.91	3024	264	2016
1883.00	72301.30	73278.60	243497.87	309318.93	6124492.90	6130167.91	3017	254	2016
1884.00	75049.70	75963.70	243506.96	309328.53	6124736.84	6130422.84	2035	237	2016
1885.00	70114.70	71048.00	243516.80	309342.96	6124992.60	6130672.45	3017	254	2016
1886.00	62183.20	63245.60	243526.15	309356.59	6125248.03	6130945.93	1032	225	2016
1887.00	75597.60	76650.10	243534.21	309365.19	6125494.88	6131167.46	1037	231	2016
1888.00	57106.30	58087.90	243541.59	309375.80	6125738.91	6131421.03	2035	237	2016
1889.00	83179.30	84181.50	243554.12	309384.18	6125995.60	6131666.44	1040	236	2016
1890.00	81900.90	83015.90	243564.24	309398.26	6126239.16	6131924.91	1040	236	2016
1891.00	80795.20	81780.80	243571.68	309408.68	6126494.28	6132172.77	1040	236	2016
1892.00	74452.60	75490.60	243580.05	309416.19	6126743.78	6132422.47	1037	231	2016
1893.00	79533.50	80629.10	243589.75	309428.96	6126987.80	6132677.62	1040	236	2016
1894.00	77590.20	78297.40	243603.87	286994.31	6129177.99	6132923.12	1037	231	2016
1894.01	79003.00	79348.10	286799.89	309439.41	6127247.78	6129193.33	1040	236	2016
1895.00	73144.70	74185.30	243611.37	309450.99	6127493.11	6133174.22	2012	208	2016
1896.00	74296.30	75289.70	243615.50	309463.56	6127746.50	6133424.38	2012	208	2016
1897.00	73299.10	74333.50	243626.08	309473.21	6127991.49	6133677.99	1037	231	2016
1898.00	76761.40	77477.10	243638.60	289528.49	6129964.12	6133921.50	1037	231	2016
1898.01	78324.70	78653.70	289334.30	309484.16	6128240.32	6129972.85	1040	236	2016
1899.00	77001.00	78042.90	243649.55	309494.29	6128509.41	6134174.85	2012	208	2016
1900.00	70253.50	71255.50	243652.64	309503.71	6128741.29	6134413.32	2012	208	2016
1901.00	72154.00	73192.70	243665.16	309517.03	6128992.47	6134675.61	1037	231	2016
1902.00	77172.30	78166.90	243675.60	309527.73	6129236.64	6134923.63	1040	236	2016
1903.00	75924.90	77001.10	243682.39	309537.85	6129484.45	6135174.83	1040	236	2016
1904.00	74704.80	75708.70	243694.76	309550.69	6129742.47	6135425.69	1040	236	2016
1905.00	73455.60	74571.10	243703.69	309559.13	6129982.74	6135676.85	1040	236	2016
1906.00	70918.70	72001.90	243710.46	309566.64	6130240.07	6135927.40	1037	231	2016
1907.00	72238.30	73239.50	243717.56	309581.17	6130494.67	6136176.90	1040	236	2016

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1908.00	70933.00	72066.40	243729.57	309592.30	6130744.81	6136426.12	1040	236	2016
1909.00	71351.70	72387.80	243740.14	309600.99	6130996.15	6136683.28	2024	221	2016
1910.00	69765.90	70776.30	243750.24	309612.80	6131238.98	6136922.03	1037	231	2016
1911.00	72219.00	73221.10	243760.05	309622.79	6131494.55	6137171.57	2022	219	2016
1912.00	69839.80	70836.40	243765.54	309637.59	6131741.99	6137431.57	1040	236	2016
1913.00	68550.60	69637.20	243775.68	309646.72	6131991.61	6137676.36	1037	231	2016
1914.00	70291.90	71264.70	243784.74	309659.05	6132253.92	6137933.06	2024	221	2016
1915.00	73311.50	74300.00	243799.81	309665.46	6132488.83	6138180.92	2022	219	2016
1916.00	71108.50	72100.80	243804.86	309675.73	6132739.35	6138429.96	2022	219	2016
1917.00	69739.90	70782.20	243814.59	309689.65	6132994.50	6138673.79	1022	214	2016
1918.00	69124.10	70178.70	243825.75	309704.36	6133250.80	6138927.98	2024	221	2016
1919.00	67422.80	68453.70	243833.01	309710.88	6133489.99	6139178.09	1037	231	2016
1920.00	67771.50	68823.70	243843.20	309721.35	6133744.38	6139423.62	2022	219	2016
1921.00	72436.30	73513.80	243852.15	309734.57	6133996.19	6139683.86	1022	214	2016
1922.00	68565.70	69636.40	243857.94	309747.17	6134242.02	6139935.70	1022	214	2016
1923.00	66651.90	67624.90	243872.58	309757.40	6134482.59	6140180.49	2024	221	2016
1924.00	66206.00	67305.00	243877.04	309767.66	6134742.93	6140431.89	1037	231	2016
1925.00	70026.80	70998.30	243889.41	309779.05	6134990.53	6140679.86	2022	219	2016
1926.00	66691.30	67673.60	243899.82	309791.03	6135242.10	6140937.80	2022	219	2016
1927.00	65915.80	66955.30	243903.26	309800.01	6135493.77	6141179.60	1022	214	2016
1928.00	68902.20	70006.60	243914.37	309809.85	6135753.52	6141434.00	2012	208	2016
1929.00	65080.20	66092.40	243923.29	309819.90	6135990.72	6141682.03	1037	231	2016
1930.00	68930.50	69913.50	243933.19	309831.87	6136234.94	6141934.56	2022	219	2016
1931.00	74442.10	75459.10	243944.92	309840.79	6136485.59	6142180.99	2022	219	2016
1932.00	63874.90	64939.00	243953.03	309856.11	6136738.37	6142435.50	1037	231	2016
1933.00	65481.30	66534.80	243959.25	309862.18	6137005.90	6142685.08	2024	221	2016
1934.00	62709.90	63763.40	243972.75	309874.96	6137237.87	6142937.21	1037	231	2016
1935.00	63739.50	64776.50	243981.46	309886.41	6137491.81	6143181.79	2022	219	2016
1936.00	75561.00	76580.50	243989.28	309896.54	6137735.43	6143436.07	2022	219	2016
1937.00	61495.40	62593.40	244001.34	309909.71	6137978.28	6143686.16	1037	231	2016
1938.00	63044.80	64014.60	244009.57	309920.76	6138243.09	6143932.43	2024	221	2016
1939.00	75309.30	76330.20	244021.45	309928.14	6138488.88	6144188.50	2023	220	2016
1940.00	78236.00	79235.20	244029.13	309942.75	6138738.64	6144434.33	2012	208	2016
1941.00	76710.30	77676.50	244036.62	309955.17	6138991.47	6144693.60	2022	219	2016
1942.00	60413.70	61397.30	244042.42	309961.33	6139239.06	6144934.50	1037	231	2016
1943.00	61872.40	62922.90	244050.83	309975.73	6139508.98	6145188.41	2024	221	2016
1944.00	74256.10	75233.80	244062.24	309984.37	6139736.56	6145434.24	2023	220	2016
1945.00	64638.70	65562.20	254934.20	309995.18	6139984.44	6144751.20	1022	214	2016
1945.01	78855.70	79019.30	244072.08	255129.01	6144728.87	6145688.05	2022	219	2016
1946.00	77768.60	78744.40	244081.61	310003.79	6140238.46	6145934.41	2022	219	2016
1947.00	59460.20	60446.00	244090.56	310020.82	6140501.90	6146187.40	2024	221	2016
1948.00	66228.80	67256.10	244102.38	310029.09	6140758.31	6146445.61	2012	208	2016
1949.00	59115.30	60296.30	244113.24	310041.27	6140992.46	6146685.09	1037	231	2016
1950.00	61633.60	62676.40	244122.37	310051.66	6141233.69	6146965.13	1022	214	2016
1951.00	73121.60	74179.70	244131.52	310064.35	6141491.74	6147190.62	2023	220	2016
1952.00	80740.40	81779.60	244137.30	310073.68	6141750.16	6147446.27	2012	208	2016
1953.00	64979.50	66083.70	244150.81	310080.31	6141988.77	6147693.51	2035	237	2016
1954.00	58264.20	59348.60	244154.63	310096.33	6142250.12	6147939.17	2024	221	2016
1955.00	57803.20	58829.60	244168.85	310107.64	6142497.99	6148190.58	1022	214	2016
1956.00	57994.70	58993.20	244172.02	310116.09	6142740.01	6148436.71	1037	231	2016
1957.01	66204.70	67242.00	244184.09	310127.00	6142993.76	6148685.90	2035	237	2016
1958.00	58768.50	59821.40	244195.11	310137.07	6143243.82	6148938.80	1032	225	2016
1959.00	55694.20	56689.30	244205.28	310151.53	6143490.87	6149190.44	2024	221	2016
1960.00	61851.40	62809.40	252603.64	310161.04	6143743.85	6148715.85	2011	207	2016
1960.01	57502.90	57656.10	244211.20	252795.80	6148703.40	6149437.33	1022	214	2016
1961.00	60380.00	61518.40	244982.56	310169.55	6143999.44	6149623.10	1022	214	2016
1962.00	63422.20	64308.20	257617.24	310171.63	6144254.01	6148787.90	2012	208	2016
1962.01	85251.30	85342.80	252451.05	257806.00	6148772.97	6149231.56	3024	264	2016
1963.00	62534.60	63266.60	262608.66	310184.17	6144509.69	6148604.07	2022	219	2016
1963.01	69727.10	69903.50	252476.32	262808.47	6148590.64	6149477.82	3028	272	2016
1964.01	76380.10	76999.90	270057.47	310194.53	6144742.90	6148210.91	2051	272	2016
1964.10	70021.50	70113.30	252500.97	258475.47	6149210.42	6149728.52	3028	272	2016
1965.00	58124.00	58597.40	279435.75	310204.88	6144990.86	6147649.13	2023	220	2016
1965.10	70226.90	70328.50	252510.33	258490.35	6149460.69	6149979.56	3028	272	2016
1966.00	57417.70	57778.50	287533.11	310215.33	6145247.56	6147202.78	1033	226	2016
1966.10	70442.10	70532.10	252521.42	258497.14	6149708.94	6150228.71	3028	272	2016

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1967.00	58317.00	58551.70	296593.43	310230.02	6145502.45	6146674.90	1033	226	2016
1967.10	70640.20	70736.30	252533.62	258513.52	6149972.79	6150477.84	3028	272	2016
1968.00	58712.00	58797.30	305012.29	310239.86	6145748.00	6146193.22	1033	226	2016
1968.10	70835.20	70930.70	252544.13	258523.66	6150214.05	6150722.81	3028	272	2016
1969.00	71032.90	71135.30	252553.92	258530.91	6150460.38	6150981.66	3028	272	2016
1970.00	71259.60	71360.40	252565.79	258540.71	6150711.30	6151230.07	3028	272	2016
2013.00	59871.20	59958.60	299873.48	305126.82	5906997.86	5907011.71	1015	207	2016
2014.00	79595.10	79668.00	299888.89	305139.70	5907238.73	5907255.83	1010	202	2016
2015.00	61061.70	61150.50	299894.35	305149.49	5907495.05	5907503.68	1015	207	2016
2016.00	67701.70	67799.60	299905.66	305162.25	5907749.57	5907757.73	2002	198	2016
2017.00	62060.10	62130.90	299916.69	305169.20	5907994.37	5908012.15	1011	203	2016
2018.00	60235.90	60311.00	299927.89	305179.55	5908244.24	5908261.94	1015	207	2016
2019.00	79230.70	79327.90	299938.15	305189.36	5908497.96	5908506.90	1010	202	2016
2020.00	61845.30	61937.40	299951.73	305200.26	5908746.63	5908758.62	1015	207	2016
2021.00	67473.50	67574.70	299958.67	305215.34	5908990.50	5909005.89	2002	198	2016
2022.00	61641.70	61729.40	299969.80	305630.93	5909244.24	5909253.27	1015	207	2016
2023.00	60405.80	60517.80	299981.95	306070.72	5909493.63	5909504.29	1015	207	2016
2024.00	79064.90	79152.70	299994.35	306512.91	5909741.18	5909770.41	1010	202	2016
2025.00	62722.60	62850.00	300000.16	306949.74	5909997.23	5910008.64	1015	207	2016
2026.00	65746.40	65876.90	300012.24	307387.96	5910243.76	5910254.00	2001	198	2016
2027.00	62245.10	62382.80	300024.53	307877.27	5910490.79	5910511.25	1011	203	2016
2028.00	60804.80	60921.30	300035.76	308265.09	5910743.41	5910759.25	1015	207	2016
2029.00	78646.70	78806.10	300043.06	308701.46	5910995.41	5911011.53	1010	202	2016
2030.00	63346.50	63508.30	300055.46	309140.08	5911246.16	5911254.07	1015	207	2016
2031.00	65489.30	65645.80	300067.24	309583.00	5911491.72	5911505.74	2001	198	2016
2032.00	66813.20	66982.00	300076.46	310020.87	5911743.15	5911765.12	1017	209	2016
2033.00	62441.90	62606.20	300088.22	310458.50	5911993.08	5912000.86	1015	207	2016
2034.00	78415.70	78563.50	300094.88	310892.95	5912240.94	5912260.61	1010	202	2016
2035.00	64781.50	64976.00	300230.31	311334.02	5912488.72	5912504.71	2004	199	2016
2036.00	64794.00	64995.70	300119.40	311770.28	5912745.74	5912759.43	2001	198	2016
2037.00	62661.20	62881.90	300127.13	315395.81	5912984.34	5913006.25	1011	203	2016
2038.00	61130.60	61410.60	300138.31	316637.12	5913245.97	5913257.33	1011	203	2016
2039.00	77873.00	78165.30	300150.34	317161.07	5913495.52	5913509.67	1010	202	2016
2040.00	64455.60	64632.60	307675.97	317924.15	5913742.01	5913750.55	2004	199	2016
2040.01	63096.10	63207.10	300157.14	307870.01	5913743.35	5913750.30	1015	207	2016
2041.00	64338.50	64637.10	300171.67	318203.95	5913990.93	5914013.28	2001	198	2016
2042.00	63018.80	63331.90	300182.61	318725.17	5914240.52	5914256.74	1011	203	2016
2043.00	80307.50	80617.40	300191.67	319249.72	5914494.59	5914511.20	1011	203	2016
2044.00	77497.60	77770.60	300199.59	319770.23	5914741.63	5914768.97	1010	202	2016
2045.00	63708.90	64049.90	300210.30	320293.95	5914993.62	5915015.22	2004	199	2016
2046.00	63507.20	64053.50	300222.21	333695.31	5915244.38	5915257.05	2001	198	2016
2047.00	63603.20	64090.00	300230.59	333703.30	5915489.59	5915506.05	1011	203	2016
2048.00	63797.60	64312.40	300246.60	333716.98	5915742.90	5915754.71	1015	207	2016
2049.00	67473.30	68024.90	300257.03	333722.94	5915990.56	5916007.01	1017	209	2016
2050.00	70365.60	70869.70	300262.94	333729.53	5916238.29	5916257.26	2014	210	2016
2051.00	64628.50	65160.70	300277.53	333740.80	5916487.39	5916508.85	2015	211	2016
2052.00	64410.80	64945.60	300284.10	333746.72	5916746.32	5916760.44	1015	207	2016
2053.00	79537.30	80001.40	300295.42	333761.30	5916989.96	5917004.69	1011	203	2016
2054.00	68140.70	68681.40	300309.06	333767.41	5917246.58	5917255.58	1017	209	2016
2055.00	70971.70	71560.10	300317.69	333774.48	5917488.38	5917510.84	2014	210	2016
2056.00	65442.80	65951.60	300331.23	333786.21	5917739.03	5917755.80	2015	211	2016
2057.00	64192.90	64755.20	300339.74	333794.36	5917992.75	5918007.39	1011	203	2016
2058.00	65225.50	65760.80	300348.46	333804.77	5918240.64	5918261.32	1015	207	2016
2059.00	68973.60	69527.90	300359.92	333814.92	5918486.65	5918503.55	1017	209	2016
2060.00	71844.10	72385.70	300369.01	333818.25	5918733.05	5918767.57	2014	210	2016
2061.00	66067.10	66629.80	300382.75	333828.70	5918989.03	5919005.80	2015	211	2016
2062.00	65019.20	65499.20	300388.90	333836.34	5919225.53	5919263.80	1011	203	2016
2063.00	78568.50	79122.50	300403.30	333848.37	5919488.98	5919508.07	1011	203	2016
2064.00	76424.70	77015.20	300412.70	333857.19	5919742.44	5919756.74	1010	202	2016
2065.00	65860.50	66406.90	300424.93	333864.15	5919997.23	5920009.04	1015	207	2016
2066.00	69640.30	70193.20	300430.87	333876.78	5920243.26	5920266.19	1017	209	2016
2067.00	65598.40	66148.90	300445.19	333882.52	5920493.20	5920510.21	1011	203	2016
2068.00	72493.30	73051.60	300454.14	333890.96	5920742.03	5920758.78	2014	210	2016
2069.00	66898.90	67407.10	300464.46	333901.94	5920990.48	5921005.60	2015	211	2016
2070.00	70493.30	71012.20	300475.77	333907.23	5921244.87	5921258.16	1017	209	2016
2071.00	66684.60	67171.90	300485.68	333919.86	5921495.80	5921514.24	1015	207	2016

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2072.00	66409.60	66914.40	300496.03	333929.41	5921742.36	5921757.30	1011	203	2016
2073.00	77983.90	78464.60	300506.87	333937.05	5921992.29	5922008.34	1011	203	2016
2074.00	75839.50	76301.80	300518.08	333949.77	5922242.27	5922263.45	1010	202	2016
2075.00	71112.00	71659.90	300529.71	333952.37	5922496.72	5922514.61	1017	209	2016
2076.00	67271.00	67830.30	300539.37	333961.47	5922743.40	5922759.87	1015	207	2016
2077.00	67024.10	67580.00	300558.94	333973.75	5922993.06	5923013.22	1011	203	2016
2078.00	73467.90	73986.60	300561.09	333981.51	5923243.04	5923263.51	2014	210	2016
2079.00	67492.20	68053.70	300567.76	333990.69	5923489.65	5923511.72	2015	211	2016
2080.00	71937.90	72464.00	300577.81	334002.38	5923743.91	5923755.94	1017	209	2016
2081.00	68097.40	68623.00	300591.03	334006.85	5923991.51	5924011.99	1015	207	2016
2082.00	67830.40	68327.70	300601.40	334018.55	5924236.87	5924255.84	1011	203	2016
2083.00	77016.70	77561.00	300611.92	334028.39	5924493.80	5924508.64	1011	203	2016
2084.00	74984.10	75574.00	300708.89	334033.56	5924739.59	5924768.66	1010	202	2016
2085.00	72593.80	73166.10	300635.12	334047.30	5924995.62	5925011.27	1017	209	2016
2086.00	68746.90	69316.30	300643.51	334052.32	5925246.28	5925261.02	1015	207	2016
2087.00	68435.80	68971.20	300651.12	334062.66	5925495.14	5925510.91	1011	203	2016
2088.00	76443.40	76915.20	300664.73	334073.03	5925737.31	5925762.96	1011	203	2016
2089.00	78708.90	79265.10	300673.76	334081.78	5925995.94	5926010.75	1017	209	2016
2090.00	73453.20	73990.50	300688.12	334088.21	5926243.66	5926261.13	1017	209	2016
2091.00	69603.90	70133.40	300697.88	334099.44	5926490.81	5926508.19	1015	207	2016
2092.00	69214.60	69699.70	300710.80	334109.07	5926741.54	5926756.67	1011	203	2016
2093.00	75689.50	76199.80	300714.31	334116.06	5926994.47	5927009.09	1011	203	2016
2094.00	74427.10	74888.90	300727.73	334126.74	5927221.32	5927257.84	1010	202	2016
2095.00	74116.70	74656.00	300738.61	334133.39	5927490.79	5927508.14	1017	209	2016
2096.00	70246.10	70775.50	300747.91	334144.02	5927740.39	5927757.63	1015	207	2016
2097.00	69795.60	70309.10	300758.21	334154.09	5927992.66	5928010.93	1011	203	2016
2098.00	75085.50	75584.60	300768.13	334157.07	5928239.52	5928265.75	1011	203	2016
2099.00	78097.90	78612.00	300777.19	334167.28	5928488.24	5928508.76	1017	209	2016
2100.00	74943.10	75496.20	300790.41	334175.49	5928740.04	5928761.14	1017	209	2016
2101.00	71030.50	71534.60	300801.48	334187.99	5928990.99	5929011.91	1015	207	2016
2102.00	70705.90	71201.90	300809.12	334197.19	5929237.74	5929255.97	1011	203	2016
2103.00	74164.50	74689.00	300819.86	334207.49	5929492.32	5929516.59	1011	203	2016
2104.00	73579.60	74161.10	300830.96	334216.91	5929744.75	5929759.34	1010	202	2016
2105.00	78023.50	78581.00	300845.28	334220.15	5929989.16	5930006.88	1007	199	2016
2106.00	71622.80	72155.90	300853.56	334233.62	5930245.91	5930258.35	1015	207	2016
2107.00	71298.70	71808.70	300865.07	334242.08	5930497.15	5930509.14	1011	203	2016
2108.00	73543.50	74060.70	300875.10	334252.42	5930744.02	5930757.73	1011	203	2016
2109.00	75604.20	76147.20	300886.23	334261.17	5930995.14	5931014.34	1017	209	2016
2110.00	77234.20	77756.50	300896.99	334267.26	5931239.70	5931263.55	1007	199	2016
2111.00	72448.00	72982.30	300908.05	334274.46	5931493.24	5931510.07	1015	207	2016
2112.00	72060.40	72550.30	300917.38	334283.03	5931741.89	5931761.18	1011	203	2016
2113.00	76447.50	76976.80	300930.66	334293.31	5931985.93	5932008.73	1017	209	2016
2114.00	72990.40	73465.70	300935.89	334304.43	5932240.58	5932267.94	1010	202	2016
2115.00	76581.80	77134.10	300947.38	334310.17	5932471.52	5932509.68	1007	199	2016
2116.00	73103.30	73645.70	300957.28	334318.28	5932747.43	5932760.42	1015	207	2016
2117.00	72649.90	73162.00	300983.47	334332.38	5932989.99	5933011.45	1011	203	2016
2118.00	77105.10	77629.10	300983.43	334339.94	5933243.33	5933259.23	1017	209	2016
2119.00	74179.70	74686.40	300992.61	334346.32	5933492.19	5933507.94	2014	210	2016
2120.00	75753.00	76291.40	301000.22	334357.78	5933740.04	5933761.27	1007	199	2016
2121.00	73918.50	74423.00	301009.07	334363.22	5933988.90	5934009.61	1015	207	2016
2122.00	68436.50	68940.80	301024.53	334373.24	5934237.46	5934272.57	2015	211	2016
2123.00	74966.10	75493.20	301034.30	334382.89	5934489.31	5934515.58	2014	210	2016
2124.00	72109.40	72700.50	301044.33	334392.26	5934742.94	5934768.50	1010	202	2016
2125.00	77858.70	78382.40	301056.51	334399.03	5934995.68	5935014.29	1006	198	2016
2126.00	75100.20	75662.90	301065.98	334410.45	5935239.52	5935258.85	1007	199	2016
2127.00	74482.60	75008.80	301073.31	334421.16	5935494.32	5935506.65	1015	207	2016
2128.00	75588.60	76105.70	301085.10	334425.97	5935742.25	5935761.57	2014	210	2016
2129.00	69039.50	69579.70	301098.10	334439.11	5935995.15	5936016.42	2015	211	2016
2130.00	77203.60	77770.50	301106.17	334447.02	5936237.08	5936256.73	1006	198	2016
2131.00	74267.00	74805.10	301117.24	334456.60	5936495.29	5936509.58	1007	199	2016
2132.00	75270.80	75795.10	301127.81	334465.74	5936742.74	5936767.88	1015	207	2016
2133.00	76558.10	77070.50	301141.08	334471.59	5936990.22	5937007.89	2014	210	2016
2134.00	71543.30	71992.00	301146.98	334479.40	5937240.54	5937265.33	1010	202	2016
2135.00	76362.90	76901.60	301160.87	334493.49	5937495.35	5937508.84	1006	198	2016
2136.00	73627.70	74160.60	301169.15	334497.07	5937740.10	5937758.81	1007	199	2016
2137.00	77807.70	78376.70	301183.61	334506.28	5937991.47	5938009.90	1009	201	2016

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2138.00	75907.60	76471.70	301192.95	334517.23	5938246.96	5938267.30	1015	207	2016
2139.00	69844.40	70343.40	301204.42	334529.83	5938489.07	5938505.70	2015	211	2016
2140.00	75741.00	76287.30	301213.78	334536.41	5938744.99	5938759.60	1006	198	2016
2141.00	72795.10	73344.60	301220.82	334547.03	5938990.76	5939010.84	1007	199	2016
2142.00	77125.40	77666.70	301231.22	334553.90	5939243.19	5939264.93	1009	201	2016
2143.00	76755.00	77284.00	301245.08	334561.22	5939493.19	5939508.69	1015	207	2016
2144.00	70581.40	71135.60	301253.06	334570.34	5939741.64	5939759.64	1010	202	2016
2145.00	74942.20	75455.50	301266.60	334576.52	5939996.21	5940007.36	1006	198	2016
2146.00	72121.40	72675.10	301274.20	334587.99	5940240.55	5940261.06	1007	199	2016
2147.00	76259.40	76838.60	301285.21	334596.85	5940496.58	5940512.39	1009	201	2016
2148.00	77183.20	77712.40	301297.32	334604.69	5940742.38	5940757.66	2014	210	2016
2149.00	70457.20	70986.30	301307.65	334617.53	5940991.86	5941008.46	2015	211	2016
2150.00	74296.10	74846.80	301317.98	334623.67	5941233.93	5941254.71	1006	198	2016
2151.00	71278.70	71826.40	301326.43	334632.35	5941494.38	5941507.83	1007	199	2016
2152.00	75619.50	76156.30	301341.03	334644.41	5941740.21	5941759.56	1009	201	2016
2153.00	71210.80	71770.90	301352.12	334651.44	5941993.67	5942009.13	1020	212	2016
2154.00	70012.30	70481.20	301359.17	334661.15	5942199.10	5942261.25	1010	202	2016
2155.00	73465.80	74001.30	301369.43	334668.17	5942495.52	5942511.37	1006	198	2016
2156.00	70623.40	71178.50	301380.89	334681.78	5942739.54	5942755.55	1007	199	2016
2157.00	74754.90	75338.50	301393.24	334687.51	5942994.10	5943012.47	1009	201	2016
2158.00	77982.50	78488.80	301405.43	334693.03	5943241.46	5943258.43	2014	210	2016
2159.00	71226.60	71722.00	301414.01	334703.97	5943492.30	5943509.84	2015	211	2016
2160.00	72813.30	73368.20	301425.56	334715.74	5943741.76	5943756.39	1006	198	2016
2161.00	69796.40	70334.70	301435.35	334720.83	5943991.53	5944010.01	1007	199	2016
2162.00	74114.20	74633.90	301442.61	334734.12	5944244.03	5944263.13	1009	201	2016
2163.00	70574.40	71063.60	301455.39	334740.36	5944485.95	5944508.67	1020	212	2016
2164.00	69152.00	69742.20	301463.03	334752.25	5944744.33	5944768.28	1010	202	2016
2165.00	71801.20	72339.10	301479.28	334761.33	5944995.25	5945006.43	1006	198	2016
2166.00	69158.90	69697.20	301488.74	334767.89	5945240.72	5945260.40	1007	199	2016
2167.00	73261.10	73816.70	301498.97	334776.78	5945494.86	5945507.97	1009	201	2016
2168.00	78589.20	79118.20	301508.44	334784.03	5945743.02	5945762.85	2014	210	2016
2169.00	71813.50	72374.10	301519.68	334795.28	5945987.54	5946008.26	2015	211	2016
2170.00	71144.30	71705.70	301528.35	334804.50	5946237.93	5946256.63	1006	198	2016
2171.00	68316.70	68869.00	301537.97	334810.03	5946496.70	5946511.69	1007	199	2016
2172.00	72639.30	73164.60	301547.48	334819.82	5946737.60	5946760.88	1009	201	2016
2173.00	69697.80	70288.60	301561.06	334828.03	5946997.02	5947012.87	1020	212	2016
2174.00	68562.40	69036.50	301571.58	334841.56	5947242.97	5947270.35	1010	202	2016
2175.00	70135.10	70703.30	301579.67	334846.85	5947495.29	5947512.18	1006	198	2016
2176.00	67666.80	68221.80	301591.78	334857.89	5947742.72	5947758.55	1007	199	2016
2177.00	71763.20	72346.90	301601.63	334867.21	5947997.10	5948012.37	1009	201	2016
2178.00	79382.00	79874.90	301615.59	334872.03	5948239.99	5948265.03	2014	210	2016
2179.00	72647.40	73157.10	301627.16	334882.87	5948489.97	5948516.73	2015	211	2016
2180.00	69482.60	70034.50	301637.34	334891.19	5948739.66	5948757.34	1006	198	2016
2181.00	66812.50	67368.60	301643.11	334901.13	5948994.21	5949011.35	1007	199	2016
2182.00	71098.50	71619.00	301653.35	334910.88	5949245.64	5949269.73	1009	201	2016
2183.00	69091.60	69584.80	301667.88	334921.41	5949487.47	5949510.15	1020	212	2016
2184.00	67701.70	68287.90	301679.28	334929.16	5949743.45	5949762.59	1010	202	2016
2185.00	68634.10	69189.30	301685.22	334934.34	5949997.67	5950008.44	1006	198	2016
2186.00	66151.30	66697.60	301697.80	334948.64	5950225.41	5950264.89	1007	199	2016
2187.00	70204.40	70794.60	301709.56	334954.28	5950493.84	5950507.41	1009	201	2016
2188.00	79953.70	80493.30	301716.46	334962.56	5950742.85	5950756.88	2014	210	2016
2189.00	73248.20	73799.70	301730.28	334971.48	5950988.44	5951007.55	2015	211	2016
2190.00	68013.90	68543.60	301737.56	334983.85	5951247.24	5951267.09	1006	198	2016
2191.00	65291.70	65860.10	301751.19	334990.17	5951492.61	5951511.45	1007	199	2016
2192.00	69576.60	70105.60	301761.20	335002.03	5951742.58	5951759.83	1009	201	2016
2193.00	68182.60	68799.40	301771.84	335008.94	5951995.20	5952010.26	1020	212	2016
2194.00	67157.10	67614.20	301783.83	335016.49	5952242.37	5952259.29	1010	202	2016
2195.00	67181.90	67729.00	301790.77	335026.17	5952497.30	5952509.96	1006	198	2016
2196.00	64662.40	65204.20	301802.45	335038.05	5952741.55	5952760.56	1007	199	2016
2197.00	68703.60	69292.30	301811.40	335043.66	5952994.23	5953009.54	1009	201	2016
2198.00	80762.90	81262.70	301826.94	335054.76	5953242.26	5953262.70	2014	210	2016
2199.00	67524.50	68044.10	301832.48	335057.97	5953490.13	5953505.94	1020	212	2016
2200.00	66539.30	67069.60	301846.26	335069.35	5953739.23	5953755.99	1006	198	2016
2201.00	78938.30	79482.60	301856.26	335080.28	5953991.67	5954007.82	1006	198	2016
2202.00	68073.30	68592.30	301865.72	335086.12	5954236.44	5954258.01	1009	201	2016
2203.00	66654.20	67240.70	301878.39	335099.91	5954495.25	5954509.12	1020	212	2016

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2204.00	66129.60	66684.90	301886.93	335109.59	5954747.24	5954767.99	1010	202	2016
2205.00	65693.10	66239.60	301896.16	335114.91	5954995.25	5955008.72	1006	198	2016
2206.00	79599.70	79877.10	316947.47	335126.58	5955243.04	5955257.63	1006	198	2016
2206.01	83746.30	83974.40	301910.03	317144.19	5955242.58	5955259.83	1009	201	2016
2207.00	67011.10	67561.60	301921.03	335136.92	5955497.25	5955520.33	1009	201	2016
2208.00	66017.10	66528.40	301933.11	335139.33	5955736.52	5955754.52	1020	212	2016
2209.00	65108.60	65706.70	301940.20	335151.59	5955996.11	5956014.61	1020	212	2016
2210.00	65077.90	65599.70	301950.63	335159.83	5956244.92	5956261.13	1006	198	2016
2211.00	63783.90	64344.30	301960.74	335168.03	5956495.08	5956514.29	1007	199	2016
2212.00	66360.70	66870.10	301970.38	335178.87	5956741.02	5956756.28	1009	201	2016
2213.00	82868.30	83456.00	301983.99	335189.07	5956995.14	5957010.23	1009	201	2016
2214.00	65532.80	66019.20	301995.22	335194.13	5957242.78	5957261.69	1010	202	2016
2215.00	64249.30	64785.50	302004.09	335207.08	5957496.43	5957504.78	1006	198	2016
2216.00	63145.60	63692.40	302017.25	335212.60	5957738.75	5957764.86	1007	199	2016
2217.00	65497.00	66075.70	302023.97	335222.17	5957996.15	5958011.31	1009	201	2016
2218.00	82236.50	82750.10	302038.10	335230.05	5958237.10	5958257.60	1009	201	2016
2219.00	64480.70	64980.20	302046.36	335237.67	5958492.39	5958511.37	1020	212	2016
2220.00	63613.20	64157.00	302058.50	335248.45	5958742.82	5958760.77	1006	198	2016
2221.00	62313.20	62845.00	302068.86	335261.16	5958994.28	5959005.90	1007	199	2016
2222.00	64870.00	65394.30	302078.94	335269.83	5959238.84	5959256.74	1009	201	2016
2223.00	81291.80	81901.60	302087.15	335278.74	5959492.94	5959510.22	1009	201	2016
2224.00	64720.10	65259.10	302102.80	335287.86	5959745.83	5959788.14	1010	202	2016
2225.00	62764.90	63322.20	302110.16	335291.59	5959996.40	5960008.20	1006	198	2016
2226.00	61653.60	62205.60	302123.28	335305.21	5960238.93	5960261.19	1007	199	2016
2227.00	64022.40	64580.60	302130.58	335309.93	5960493.85	5960509.51	1009	201	2016
2228.00	80653.80	81158.90	302140.80	335317.39	5960742.90	5960763.92	1009	201	2016
2229.00	63567.40	64167.40	302152.93	335328.76	5960996.40	5961009.37	1020	212	2016
2230.00	62013.60	62559.20	302163.63	335340.86	5961237.77	5961264.10	1006	198	2016
2231.00	60811.60	61364.90	302174.96	335350.87	5961496.40	5961510.96	1007	199	2016
2232.00	63341.70	63849.50	302186.67	335359.07	5961741.25	5961761.59	1009	201	2016
2233.00	79747.10	80354.60	302194.02	335366.83	5961994.08	5962007.85	1009	201	2016
2234.00	64157.90	64634.60	302205.70	335374.93	5962213.58	5962262.19	1010	202	2016
2235.00	61224.50	61751.00	302217.14	335385.10	5962493.93	5962505.62	1006	198	2016
2236.00	60136.30	60706.60	302230.15	335391.49	5962739.84	5962757.71	1007	199	2016
2237.00	62482.50	63050.90	302235.90	335402.80	5962993.99	5963007.56	1009	201	2016
2238.00	79139.30	79640.40	302245.39	335411.73	5963240.68	5963259.02	1009	201	2016
2239.00	62932.20	63433.90	302260.57	335418.51	5963469.96	5963505.98	1020	212	2016
2240.00	60587.00	61110.20	302269.93	335427.74	5963745.21	5963759.00	1006	198	2016
2241.00	59297.50	59835.70	302278.27	335438.11	5963996.60	5964007.81	1007	199	2016
2242.00	61743.30	62323.90	302292.34	335445.42	5964244.24	5964261.68	1020	212	2016
2243.00	70217.40	70671.20	302302.91	335452.77	5964489.55	5964506.65	3001	204	2016
2244.00	63302.20	63888.70	302309.02	335466.01	5964746.00	5964759.22	1010	202	2016
2245.00	59741.50	60294.50	302320.74	335473.07	5964993.32	5965011.02	1006	198	2016
2246.00	72302.30	72787.20	302336.19	335484.69	5965242.17	5965256.71	1020	212	2016
2247.00	64522.80	65108.50	302343.76	335490.53	5965493.75	5965510.33	2010	206	2016
2248.00	70777.00	71311.60	302350.76	335501.18	5965742.78	5965760.28	3001	204	2016
2249.00	67923.00	68464.40	302364.69	335510.32	5965990.91	5966011.44	3001	204	2016
2250.00	72922.40	73471.40	302372.46	335518.91	5966244.35	5966258.39	1020	212	2016
2251.00	66856.00	67321.60	302387.85	335527.49	5966488.36	5966505.77	2010	206	2016
2252.00	63956.70	64415.90	302399.15	335536.43	5966735.21	5966755.99	2010	206	2016
2253.00	70303.60	70876.10	302408.01	335541.45	5966996.89	5967011.91	2010	206	2016
2254.00	67367.30	67824.60	302416.84	335554.95	5967242.64	5967255.59	3001	204	2016
2255.00	74650.10	75187.90	302429.75	335564.64	5967490.87	5967507.93	1005	197	2016
2256.00	67458.70	68009.30	302436.05	335573.47	5967736.73	5967757.46	2010	206	2016
2257.00	61806.10	62370.10	302447.71	335580.04	5967994.98	5968021.50	2010	206	2016
2258.00	76720.90	77191.70	302459.98	335589.61	5968235.81	5968266.77	2010	206	2016
2259.00	65050.60	65614.00	302521.76	335599.21	5968492.43	5968509.02	3001	204	2016
2260.00	72576.90	73043.10	302477.98	335604.42	5968737.46	5968765.05	2010	206	2016
2261.00	69740.20	70206.30	302489.13	335613.71	5968989.94	5969011.67	2010	206	2016
2262.00	61230.20	61701.00	302501.52	335622.84	5969242.22	5969257.84	2010	206	2016
2263.00	79393.90	79972.10	302512.66	335631.66	5969493.34	5969509.35	1013	205	2016
2264.00	64468.90	64941.40	302524.08	335639.60	5969742.46	5969761.11	3001	204	2016
2265.00	73125.60	73693.90	302537.36	335653.34	5969991.50	5970015.60	2010	206	2016
2266.00	77289.90	77890.00	302597.25	335661.82	5970243.56	5970261.88	2010	206	2016
2267.00	60399.90	60929.70	302551.34	335671.60	5970489.73	5970507.43	2017	213	2016
2268.00	78780.20	79271.40	302566.43	335678.16	5970738.95	5970760.36	1013	205	2016

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2269.00	62352.90	62890.00	302572.49	335686.27	5970993.52	5971010.45	3001	204	2016
2270.00	75480.40	75937.50	302587.96	335696.69	5971241.38	5971264.71	2010	206	2016
2271.00	61033.50	61552.60	302600.13	335703.03	5971492.77	5971507.70	2017	213	2016
2272.00	61662.20	62205.20	302604.56	335712.43	5971746.08	5971759.31	2017	213	2016
2273.00	76518.10	77077.30	302618.60	335725.54	5971994.89	5972008.80	1013	205	2016
2274.00	61773.00	62242.60	302628.31	335732.42	5972239.21	5972254.92	3001	204	2016
2275.00	63881.70	64399.70	302640.05	335743.02	5972492.78	5972526.16	2017	213	2016
2276.00	65108.40	65626.70	302648.03	335746.99	5972742.16	5972754.36	2017	213	2016
2277.00	75997.10	76595.30	302659.74	335761.13	5972991.24	5973014.58	2010	206	2016
2278.00	75906.10	76403.00	302669.87	335767.33	5973238.47	5973259.14	1013	205	2016
2279.00	59664.30	60179.40	302680.19	335773.32	5973490.99	5973508.12	3001	204	2016
2280.00	62618.00	63100.00	302691.41	335787.93	5973744.12	5973760.16	1010	202	2016
2281.00	64476.60	65019.30	302699.78	335794.54	5973996.38	5974008.43	2017	213	2016
2282.00	63334.50	63842.70	302710.72	335805.34	5974245.10	5974255.00	2018	214	2016
2283.00	65721.90	66256.40	302721.73	335809.73	5974493.21	5974512.45	2017	213	2016
2284.00	65466.00	65976.50	302736.82	335820.09	5974741.55	5974758.00	2018	214	2016
2285.00	73600.00	74152.30	302745.27	335829.14	5974995.61	5975010.02	1013	205	2016
2286.00	71424.90	71969.80	302752.78	335836.09	5975241.68	5975259.95	2017	213	2016
2287.00	66075.40	66602.20	302767.12	335845.29	5975492.23	5975508.23	2018	214	2016
2288.00	67950.50	68472.80	302775.20	335856.75	5975736.14	5975756.86	2017	213	2016
2289.00	68282.20	68786.90	302785.64	335863.20	5975986.78	5976008.30	2018	214	2016
2290.00	60379.40	60922.90	302796.67	335873.24	5976245.20	5976257.90	1010	202	2016
2291.00	70823.60	71340.30	302810.40	335883.54	5976490.95	5976511.18	2017	213	2016
2292.00	68898.30	69421.40	302818.17	335888.68	5976742.94	5976757.86	2018	214	2016
2293.00	68574.80	69105.80	302827.51	335902.14	5976995.08	5977012.44	2017	213	2016
2294.00	71116.10	71626.80	302839.03	335912.11	5977237.99	5977259.57	2018	214	2016
2295.00	73924.10	74458.20	302850.39	335921.57	5977490.35	5977519.97	1005	197	2016
2296.00	71747.70	72281.50	302858.07	335929.45	5977736.99	5977756.25	2018	214	2016
2297.00	58743.00	59268.80	302871.20	335937.44	5977988.45	5978007.54	1023	215	2016
2298.00	72951.10	73474.80	302881.01	335947.65	5978240.92	5978261.61	2018	214	2016
2299.00	66951.80	67462.40	302894.03	335951.79	5978495.54	5978511.75	3004	225	2016
2300.00	70629.30	71138.40	302902.68	335966.17	5978728.96	5978764.28	2009	205	2016
2301.00	71664.30	72195.60	302913.53	335971.39	5978994.35	5979025.86	1005	197	2016
2302.00	59378.70	59935.30	302922.12	335981.91	5979240.83	5979262.39	1023	215	2016
2303.00	73561.50	74076.40	302932.49	335991.23	5979486.17	5979507.16	2018	214	2016
2304.00	58899.20	59398.40	302943.95	335998.29	5979736.40	5979751.97	1024	216	2016
2305.00	70997.00	71526.80	302958.12	336006.93	5979991.08	5980008.88	1005	197	2016
2306.00	68352.70	68886.10	302965.51	336018.23	5980243.21	5980264.09	2009	205	2016
2307.00	64556.40	65141.50	302979.50	336024.31	5980495.64	5980509.24	1014	206	2016
2308.00	72361.60	72873.60	302988.51	336034.33	5980739.94	5980758.46	2018	214	2016
2309.00	61759.00	62290.10	302998.92	336046.44	5980988.68	5981015.18	1023	215	2016
2310.00	68701.80	69211.80	303012.08	336050.43	5981246.21	5981263.18	1005	197	2016
2311.00	67721.90	68213.70	303017.78	336062.98	5981490.87	5981514.02	2009	205	2016
2312.00	63936.60	64443.20	303028.21	336068.79	5981737.04	5981755.00	1014	206	2016
2313.00	62395.50	62944.10	303039.07	336078.33	5981994.07	5982011.57	1023	215	2016
2314.00	59501.90	60087.60	303054.46	336091.27	5982241.38	5982258.33	1024	216	2016
2315.00	67977.60	68500.30	303060.86	336099.97	5982492.41	5982520.14	1005	197	2016
2316.00	65211.00	65768.20	303072.08	336108.74	5982744.41	5982769.37	2009	205	2016
2317.00	61537.80	62106.40	303081.90	336116.36	5982992.62	5983011.54	1014	206	2016
2318.00	64798.80	65353.10	303095.64	336122.67	5983239.23	5983263.55	1023	215	2016
2319.00	73796.90	74283.70	303103.50	336135.17	5983491.53	5983503.52	1020	212	2016
2320.00	65709.10	66190.70	303112.96	336145.09	5983744.39	5983763.54	1005	197	2016
2321.00	64613.20	65125.10	303124.17	336154.44	5983989.92	5984010.69	2009	205	2016
2322.00	60919.30	61414.70	303135.06	336160.89	5984237.07	5984256.59	1014	206	2016
2323.00	65477.80	66043.20	303145.67	336168.49	5984496.35	5984510.96	1023	215	2016
2324.00	60615.70	61143.10	303161.88	336177.72	5984738.89	5984758.05	3005	226	2016
2325.00	66244.50	66765.10	303168.53	336188.83	5984988.79	5985003.92	3004	225	2016
2326.00	63070.00	63586.90	303180.13	336195.36	5985244.60	5985256.51	1026	219	2016
2326.10	83851.70	84597.50	370285.75	412363.28	5985244.69	5985264.84	2005	201	2016
2327.00	80057.90	82028.10	303189.09	412242.75	5985490.49	5985514.31	2005	201	2016
2328.00	62840.70	64861.10	303197.57	412116.84	5985736.79	5985761.04	2006	202	2016
2329.00	60660.00	62420.80	303209.72	411993.69	5985991.24	5986008.37	2007	203	2016
2330.00	67916.00	69602.80	303224.19	411859.29	5986239.66	5986268.60	1023	215	2016
2331.00	65456.70	67225.00	303231.71	411725.19	5986487.75	5986511.63	1026	219	2016
2332.00	82136.50	83753.40	303243.77	411590.10	5986737.47	5986762.29	2005	201	2016
2333.00	64973.70	66597.20	303253.13	411454.74	5986990.53	5987007.68	2006	202	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
2334.00	62535.50	64187.80	303261.74	411319.66	5987238.20	5987262.03	2007	203	2016
2335.00	75434.40	77189.20	303273.31	411251.90	5987489.97	5987512.83	2009	205	2016
2336.00	69714.00	71492.00	303287.90	411047.03	5987730.43	5987761.55	1023	215	2016
2337.00	67331.10	69000.70	303298.88	410910.63	5987984.38	5988012.88	1026	219	2016
2338.00	66702.50	68663.70	303308.22	410775.02	5988239.32	5988265.96	2006	202	2016
2339.00	64318.90	66086.80	303316.27	410637.20	5988487.07	5988513.81	2007	203	2016
2340.00	67105.30	68704.50	303325.44	410502.10	5988734.78	5988763.71	1014	206	2016
2341.00	70887.30	72605.10	303336.18	410370.60	5988988.50	5989006.18	1026	219	2016
2342.00	62266.00	63993.20	303347.74	410234.88	5989240.03	5989263.42	1027	220	2016
2343.00	68927.50	70549.40	303360.28	410096.67	5989490.64	5989512.85	2006	202	2016
2344.00	66210.30	67863.50	303371.86	409962.09	5989744.27	5989762.41	2007	203	2016
2345.00	72721.30	74365.50	303380.72	409826.63	5989986.95	5990012.00	1026	219	2016
2346.00	65947.10	67624.00	303389.44	409692.17	5990239.42	5990264.06	1027	220	2016
2347.00	57365.50	59177.30	303402.68	409553.45	5990485.64	5990512.30	1028	221	2016
2348.00	70663.90	72616.10	303409.95	409422.88	5990738.82	5990760.93	2006	202	2016
2349.00	67963.50	69708.30	303421.93	409284.00	5990991.01	5991009.08	2007	203	2016
2350.00	69737.20	71304.40	303430.76	409148.83	5991244.47	5991257.23	2008	204	2016
2351.00	67748.40	69412.50	303441.90	409016.29	5991492.85	5991509.20	1027	220	2016
2352.00	61123.70	62759.00	303454.78	408929.05	5991737.89	5991757.63	1028	221	2016
2353.00	72717.90	74318.70	303464.82	408739.17	5991987.32	5992012.96	2006	202	2016
2354.00	69828.50	71421.30	303478.60	408604.11	5992233.09	5992262.32	2007	203	2016
2355.00	63709.80	65459.30	303483.43	408472.06	5992485.11	5992512.90	2008	204	2016
2356.00	71351.90	72987.30	303498.18	408338.79	5992740.70	5992761.53	1027	220	2016
2357.00	62831.80	64610.00	303509.13	408202.16	5992990.25	5993010.52	1028	221	2016
2358.00	74470.40	76313.80	303517.61	408065.56	5993243.30	5993257.83	2006	202	2016
2359.00	71528.80	73212.80	303530.71	407930.59	5993487.71	5993508.19	2007	203	2016
2360.00	61512.80	63086.20	303539.00	407792.23	5993723.16	5993759.73	2008	204	2016
2361.00	73090.40	74731.30	303548.16	407656.93	5993991.23	5994010.32	1027	220	2016
2362.00	66583.40	68194.80	303563.16	407520.92	5994239.92	5994255.17	1028	221	2016
2363.00	76414.70	77930.70	303571.28	407386.99	5994488.81	5994510.28	2006	202	2016
2364.00	73339.00	74912.60	303582.03	407249.13	5994741.13	5994761.24	2007	203	2016
2365.00	60570.60	62226.00	303656.33	407115.31	5994992.65	5995005.50	3004	225	2016
2366.00	69381.40	70876.70	303602.51	406982.37	5995241.92	5995260.02	3004	225	2016
2367.00	63421.70	64910.20	303612.37	406848.30	5995490.82	5995508.70	3005	226	2016
2368.00	68303.80	70017.10	303626.66	406714.47	5995735.63	5995763.40	1028	221	2016
2369.00	75021.00	76635.40	303634.67	406607.95	5995986.15	5996010.02	2007	203	2016
2370.00	74230.10	75709.60	303647.02	406440.09	5996240.19	5996256.42	3003	208	2016
2371.00	71195.90	72596.50	303654.61	406304.12	5996491.72	5996508.79	1019	211	2016
2372.00	62340.30	63844.90	303665.32	406166.77	5996737.71	5996757.05	1019	211	2016
2373.00	65256.10	66807.10	303680.89	406031.36	5996990.12	5997016.10	3003	208	2016
2374.00	76744.90	78304.80	303691.11	405900.48	5997240.32	5997261.76	2007	203	2016
2375.00	70370.10	72008.30	303697.99	405759.10	5997490.94	5997505.83	3003	208	2016
2376.00	70962.70	72558.80	303712.51	405627.05	5997742.59	5997755.37	3004	225	2016
2377.00	66917.00	68588.70	303717.34	405492.25	5997991.84	5998009.25	3003	208	2016
2378.00	75815.00	77429.30	303728.90	405355.92	5998238.03	5998258.70	3003	208	2016
2379.00	74581.60	75176.80	363834.87	405219.11	5998489.78	5998512.65	2009	205	2016
2379.01	65791.40	66667.70	303744.52	364025.61	5998489.49	5998507.35	1019	211	2016
2380.00	72701.00	74365.10	303752.62	405088.12	5998739.32	5998774.07	1019	211	2016
2381.00	65012.00	66624.60	303766.23	404951.86	5998990.35	5999008.94	3005	226	2016
2382.00	62402.60	64051.00	303775.91	404816.71	5999242.60	5999257.86	1042	238	2016
2383.00	73690.60	74494.90	361376.81	404679.92	5999485.18	5999512.34	2009	205	2016
2383.01	66907.00	67849.50	303783.75	361566.68	5999487.18	5999506.14	1019	211	2016
2384.00	63403.40	64846.90	303796.42	404542.18	5999740.24	5999759.60	3006	227	2016
2385.00	66116.50	67718.80	303804.53	404410.63	5999992.94	6000006.75	1042	238	2016
2386.00	67840.10	69474.90	303818.41	404286.45	6000241.59	6000256.55	1042	238	2016
2387.00	68541.10	70000.70	303829.08	404137.44	6000489.25	6000505.15	3005	226	2016
2388.00	72076.40	73586.90	303838.53	404003.22	6000651.44	6000765.82	2009	205	2016
2389.00	67923.00	69306.00	303849.10	403866.32	6000985.48	6001071.64	1019	211	2016
2390.00	69442.80	71067.10	303861.28	403731.32	6001233.18	6001260.58	1019	211	2016
2391.00	64002.40	65687.00	303870.92	403595.00	6001493.05	6001511.03	1019	211	2016
2392.00	64947.30	66606.20	303878.69	403458.31	6001738.36	6001755.82	3006	227	2016
2393.00	75312.10	76844.30	303888.92	403326.38	6001989.77	6002006.02	1042	238	2016
2394.00	76977.50	78537.50	303899.92	403192.81	6002243.38	6002255.60	1042	238	2016
2395.00	71449.10	73052.70	303913.10	403054.71	6002492.28	6002510.68	1042	238	2016
2396.00	69746.90	71333.30	303921.12	402915.79	6002741.61	6002756.89	1042	238	2016
2397.00	70088.50	71675.20	303931.86	402782.47	6002981.36	6003008.81	3005	226	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
2398.00	68521.60	69950.40	303942.42	402648.16	6003241.71	6003263.32	3006	227	2016
2399.00	57420.80	59015.70	303956.35	402511.15	6003493.87	6003511.31	3013	239	2016
2400.00	67828.80	69458.80	303961.97	402377.93	6003741.17	6003759.32	3013	239	2016
2401.00	72644.10	74112.20	303975.87	402241.20	6003988.14	6004012.47	1048	254	2016
2402.00	74264.10	75900.80	303987.65	402108.24	6004232.50	6004270.01	1048	254	2016
2403.00	68734.10	70186.80	303993.10	401967.45	6004488.40	6004514.49	3003	208	2016
2404.00	61088.80	62495.70	304003.87	401980.10	6004740.20	6004760.44	3013	239	2016
2405.00	68041.20	69538.00	304016.10	401702.54	6004991.85	6005015.92	3009	232	2016
2406.00	69531.40	71003.80	304030.96	401566.88	6005233.36	6005255.69	3013	239	2016
2407.00	73542.80	74996.80	304036.40	401426.36	6005492.49	6005508.66	3005	226	2016
2408.00	70041.80	71615.60	304050.85	401295.40	6005740.60	6005761.19	3006	227	2016
2409.00	62580.00	64200.60	304061.53	401156.38	6005987.68	6006005.88	3013	239	2016
2410.00	71101.20	72731.00	304072.42	401019.82	6006241.29	6006261.34	3013	239	2016
2411.00	69610.90	71261.40	304083.31	400888.14	6006494.39	6006509.40	3009	232	2016
2412.00	64340.70	65955.20	304092.32	400749.55	6006736.16	6006758.06	3009	232	2016
2413.00	74012.40	75449.60	304102.44	400614.53	6006992.25	6007003.87	3018	255	2016
2414.00	66238.60	67696.60	304111.42	400478.02	6007239.27	6007267.94	3013	239	2016
2415.00	64145.40	65752.10	304122.39	400347.46	6007491.73	6007505.30	3014	241	2016
2416.00	67293.10	68894.10	304134.88	400208.62	6007742.84	6007756.50	3014	241	2016
2417.00	62860.80	64234.30	304146.99	400075.57	6007992.76	6008018.77	3009	232	2016
2418.00	73808.80	75252.90	304152.49	399941.58	6008243.36	6008258.01	3006	227	2016
2419.00	75522.10	77107.70	304165.33	399803.07	6008490.78	6008504.45	3018	255	2016
2420.00	64930.20	66355.90	304178.51	399670.11	6008741.26	6008760.02	2050	271	2016
2421.00	68317.40	69761.00	304184.98	399651.55	6008989.88	6009022.79	2044	259	2016
2422.00	59229.30	60756.50	304194.78	399397.26	6009241.44	6009258.91	3009	232	2016
2423.00	70057.10	71550.60	304209.76	399262.21	6009489.77	6009511.12	3008	231	2016
2424.00	71111.00	72775.10	304219.47	399125.88	6009738.65	6009769.94	2045	261	2016
2425.00	69382.20	70894.10	304226.24	398991.10	6009986.18	6010013.16	2045	261	2016
2426.00	76714.70	78127.90	304243.32	398854.50	6010242.15	6010254.69	3010	233	2016
2427.00	57700.20	59146.80	304251.30	398722.46	6010485.80	6010506.23	3009	232	2016
2428.00	68533.50	69966.30	304264.45	398586.18	6010738.30	6010764.72	3008	231	2016
2429.00	73639.00	75046.10	304271.26	398446.92	6010991.41	6011007.00	3008	231	2016
2430.00	65846.20	67185.90	304286.47	398312.73	6011243.68	6011255.60	3014	241	2016
2431.00	73236.60	74476.40	304292.62	398179.79	6011485.35	6011504.53	3021	258	2016
2432.00	72796.00	74405.00	304301.32	398041.39	6011739.00	6011756.24	3010	233	2016
2433.00	64801.40	66262.50	304314.64	397907.46	6011991.95	6012016.82	3008	231	2016
2434.00	68423.60	69886.00	304480.19	397772.66	6012241.27	6012259.66	3002	207	2016
2435.00	77277.70	78980.50	304333.41	397639.09	6012487.95	6012514.03	2045	261	2016
2436.00	75715.30	77144.60	304346.58	397503.45	6012739.41	6012766.61	2045	261	2016
2437.00	71277.20	72667.30	304355.05	397365.85	6012991.63	6013011.64	3010	233	2016
2438.00	63262.80	64701.00	304370.59	397334.45	6013237.22	6013262.39	3008	231	2016
2439.00	66950.80	68305.30	304380.91	397092.48	6013490.83	6013510.10	3002	207	2016
2440.00	75186.30	76589.70	304389.75	396957.56	6013743.61	6013756.51	3005	226	2016
2441.00	69042.50	70349.60	304397.69	396820.98	6013994.75	6014005.57	3014	241	2016
2442.00	65323.90	66665.70	304413.55	396686.53	6014242.47	6014267.68	3023	261	2016
2443.00	59650.80	61132.40	304419.95	396552.61	6014492.83	6014511.84	3008	231	2016
2444.00	63352.50	64800.90	304429.10	396418.10	6014740.48	6014760.42	3002	207	2016
2445.00	67321.80	68847.10	304442.78	396281.29	6014993.01	6015008.94	3010	233	2016
2446.00	66771.70	68318.80	304451.07	396145.72	6015234.25	6015256.81	3023	261	2016
2447.00	55778.10	57165.00	304461.48	396008.21	6015489.33	6015507.19	3013	239	2016
2448.00	58192.90	59532.60	304475.88	395875.94	6015741.30	6015758.27	3008	231	2016
2449.00	61831.90	63264.70	304484.44	395739.19	6015988.57	6016014.00	3002	207	2016
2450.00	65771.50	67158.10	304495.88	395602.23	6016232.97	6016260.54	3010	233	2016
2451.00	81622.20	82268.80	304507.87	352278.85	6016489.13	6016506.94	3023	261	2016
2451.01	66619.60	67363.60	352089.77	395468.58	6016489.63	6016509.82	2050	271	2016
2452.00	78684.00	80088.90	304515.64	395334.85	6016737.19	6016767.81	2007	203	2016
2453.00	79163.90	80673.10	304524.64	395201.56	6016990.28	6017009.81	2006	202	2016
2454.00	75490.20	76964.30	304535.80	395062.90	6017241.27	6017256.52	3006	227	2016
2455.00	57760.20	59223.80	304547.16	395014.61	6017494.09	6017511.81	2007	203	2016
2456.00	60328.50	61681.10	304556.30	394788.19	6017741.82	6017757.72	2006	202	2016
2457.00	75903.90	77307.30	304572.27	394658.90	6017982.21	6018012.60	2005	201	2016
2458.00	68889.70	70266.80	304578.92	394517.37	6018239.02	6018254.98	1018	210	2016
2459.00	74641.90	76033.00	304616.80	394386.77	6018491.40	6018506.89	3021	258	2016
2460.00	82332.70	83129.80	304603.12	352378.45	6018743.27	6018756.70	3023	261	2016
2460.01	67533.30	68172.20	352188.02	394249.94	6018738.67	6018760.73	2050	271	2016
2461.00	72132.40	73408.00	304612.68	394116.09	6018991.94	6019004.13	3023	261	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
2462.00	70394.90	71834.00	304620.58	393978.16	6019243.57	6019258.35	1018	210	2016
2463.00	77095.30	78523.40	304635.74	393844.58	6019486.00	6019511.21	3023	261	2016
2464.00	80054.20	81507.70	304645.52	393711.23	6019742.69	6019761.63	3023	261	2016
2465.00	78629.50	79884.80	304658.45	393572.88	6019993.68	6020008.84	3023	261	2016
2466.00	60491.10	61862.00	304665.69	393439.31	6020243.54	6020264.49	3014	241	2016
2467.00	67359.30	68796.70	304675.06	393300.31	6020486.78	6020510.08	1018	210	2016
2468.00	58931.70	60385.00	304687.11	393166.05	6020740.65	6020761.11	3014	241	2016
2469.00	73475.80	74907.60	304697.24	393031.89	6020989.87	6021004.33	3023	261	2016
2470.00	76310.30	77625.40	304707.61	392896.82	6021239.26	6021257.91	1018	210	2016
2471.00	75386.00	76795.90	304716.20	392759.64	6021489.80	6021510.50	2044	259	2016
2472.00	73858.90	75181.20	304729.42	392693.45	6021735.59	6021761.77	2044	259	2016
2473.00	70123.70	71555.30	304738.21	392488.18	6021986.84	6022008.86	2044	259	2016
2474.00	75000.60	75503.80	304747.11	340015.12	6022243.46	6022255.51	3023	261	2016
2474.01	76255.40	76977.20	339825.86	392350.82	6022243.90	6022259.19	3023	261	2016
2475.00	72335.30	73800.30	304759.77	392221.30	6022491.89	6022508.16	1044	239	2016
2476.00	70866.20	72133.90	304775.66	392080.65	6022741.98	6022756.26	1044	239	2016
2477.00	65919.80	67246.50	304781.56	391950.50	6022989.05	6023007.20	1018	210	2016
2478.00	69277.90	70693.00	304791.66	391811.92	6023244.39	6023258.47	1044	239	2016
2479.00	67778.90	69035.80	304803.39	391675.72	6023491.73	6023511.57	1044	239	2016
2480.00	66193.70	67634.00	304818.34	391540.45	6023744.34	6023760.21	1044	239	2016
2481.00	64719.00	65994.00	304824.96	391404.93	6023989.78	6024006.02	1044	239	2016
2482.00	63072.00	64528.60	304834.10	391271.52	6024243.46	6024260.14	1044	239	2016
2483.00	57249.30	58529.40	304847.46	391131.00	6024494.56	6024508.24	1043	239	2016
2484.00	60544.20	61001.70	304855.00	335115.31	6024746.89	6024758.19	1043	239	2016
2484.01	62219.10	62887.60	344935.72	390998.29	6024740.17	6024755.76	1044	239	2016
2484.02	75807.50	75974.00	334926.78	345130.82	6024747.64	6024752.06	3023	261	2016
2485.00	76684.50	78021.20	304868.77	390865.07	6024995.13	6025012.34	2003	198	2016
2486.00	58713.40	60184.00	304877.62	390726.88	6025243.61	6025259.09	1043	239	2016
2487.00	78514.80	79985.90	304888.02	390592.65	6025489.41	6025504.87	3010	233	2016
2488.00	63650.50	64935.90	304897.55	390455.78	6025743.98	6025757.33	2029	227	2016
2489.00	60070.90	61461.70	304907.33	390370.10	6025986.66	6026010.80	2026	224	2016
2490.00	75182.90	76580.20	304923.16	390186.77	6026239.44	6026264.39	2003	198	2016
2491.00	63907.30	65125.20	304930.13	390049.41	6026485.40	6026508.99	2026	224	2016
2492.00	65269.00	66701.70	304943.77	389916.50	6026738.63	6026759.51	2026	224	2016
2493.00	68982.70	70259.00	304953.15	389780.28	6026988.03	6027007.98	2026	224	2016
2494.00	86323.20	87722.50	304964.66	389647.43	6027241.65	6027261.89	2005	201	2016
2495.00	73798.20	75089.90	304973.05	389508.68	6027493.00	6027509.31	2003	198	2016
2496.00	59547.20	60902.50	304983.65	389375.40	6027743.42	6027758.39	2027	225	2016
2497.00	58964.40	60323.00	304993.40	389241.30	6027984.29	6028011.07	2028	226	2016
2498.00	70351.70	71741.30	305004.77	389102.82	6028238.08	6028266.36	2026	224	2016
2499.00	65061.10	66433.60	305019.48	388966.36	6028488.48	6028507.59	2029	227	2016
2500.00	72313.60	73690.40	305029.82	388835.62	6028742.07	6028759.88	2003	198	2016
2501.00	68235.20	69550.00	305037.93	388546.67	6028987.60	6029007.75	2011	207	2016
2502.00	63217.60	64520.90	305049.83	388562.42	6029240.92	6029257.02	2027	225	2016
2503.00	74097.50	75313.30	305061.71	388424.79	6029487.52	6029509.50	2026	224	2016
2504.00	62857.70	64121.40	305072.73	388287.34	6029734.45	6029765.91	2028	226	2016
2505.00	69678.40	71059.70	305079.66	388157.80	6029994.80	6030011.02	2011	207	2016
2506.00	70032.00	71537.80	305092.76	388049.92	6030242.00	6030258.86	1030	223	2016
2507.00	75404.30	76743.50	305102.15	387885.10	6030484.79	6030513.17	2026	224	2016
2508.00	64596.60	65914.70	305109.76	387749.66	6030740.69	6030764.28	2027	225	2016
2509.00	64208.50	65524.50	305123.00	387611.67	6030990.48	6031006.40	2028	226	2016
2510.00	73457.60	74755.40	305134.41	387478.20	6031237.00	6031257.03	2011	207	2016
2511.00	71647.80	72872.20	305142.53	387341.68	6031487.81	6031506.46	1030	223	2016
2512.00	74042.70	75309.20	305154.05	387208.27	6031741.90	6031756.83	2028	226	2016
2513.00	68204.70	69455.60	305166.81	387069.15	6031989.16	6032008.55	2027	225	2016
2514.00	88859.50	89998.30	305175.51	386935.26	6032241.86	6032257.14	1020	212	2016
2515.00	81771.70	83087.10	305186.52	386798.38	6032490.01	6032508.86	1005	197	2016
2516.00	74835.10	76205.70	305198.98	386663.79	6032743.84	6032763.47	2011	207	2016
2517.00	72965.60	74398.90	305206.44	386531.99	6032990.17	6033011.10	1030	223	2016
2518.00	69555.70	70824.90	305219.72	386392.14	6033241.95	6033259.14	2027	225	2016
2519.00	72703.60	73944.70	305227.97	386258.63	6033488.43	6033514.58	2028	226	2016
2520.00	80337.50	81635.00	305242.58	386121.54	6033740.59	6033759.76	1005	197	2016
2521.00	78059.60	79351.30	305253.41	385989.84	6033993.22	6034008.50	1018	210	2016
2522.00	74503.00	75687.10	305264.07	385855.88	6034235.39	6034256.29	1030	223	2016
2523.00	67806.50	69013.80	305271.87	385727.47	6034489.40	6034510.03	2028	226	2016
2524.00	72022.70	72501.30	357869.26	385583.47	6034744.06	6034760.70	1013	205	2016

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2524.01	73158.40	73932.80	305286.15	358062.43	6034740.78	6034759.99	2027	225	2016
2525.00	86821.70	88105.40	305293.00	385444.00	6034993.15	6035009.90	1005	197	2016
2526.00	87416.30	88767.10	305303.66	385313.36	6035241.17	6035259.27	1020	212	2016
2527.00	90139.20	91491.90	305313.67	385174.92	6035494.04	6035509.12	1020	212	2016
2528.00	74423.70	75671.70	305327.83	385042.93	6035741.78	6035759.83	2027	225	2016
2529.00	72588.60	73853.20	305336.32	384903.66	6035993.47	6036017.25	1008	200	2016
2530.00	85446.20	86699.20	305350.12	384769.98	6036240.64	6036261.54	1005	197	2016
2531.00	70128.60	71576.20	305360.12	384634.78	6036492.65	6036513.97	1014	206	2016
2532.00	86236.70	87314.10	305365.78	384497.84	6036727.66	6036762.16	1020	212	2016
2533.00	58092.40	59286.70	305376.75	384359.71	6036990.27	6037015.42	2027	225	2016
2534.00	58657.40	59827.10	305388.99	384229.68	6037240.12	6037259.13	2026	224	2016
2535.00	71208.70	72473.30	305401.89	384089.62	6037484.77	6037508.11	1008	200	2016
2536.00	69156.50	70413.20	305412.75	383955.12	6037738.58	6037759.51	2028	226	2016
2537.00	57548.70	58698.50	305424.90	383818.68	6037974.11	6038020.29	2028	226	2016
2538.00	76094.10	77326.60	305433.42	383688.54	6038237.52	6038264.42	1008	200	2016
2539.00	91605.40	92688.80	305440.63	383545.71	6038486.47	6038507.69	1020	212	2016
2540.00	61439.60	62679.40	305455.27	383415.49	6038715.29	6038761.53	1008	200	2016
2541.00	84829.90	86159.50	305465.52	383421.96	6038993.70	6039011.02	1020	212	2016
2542.00	68862.30	70010.70	305478.03	383144.76	6039239.94	6039263.06	2029	227	2016
2543.00	77445.40	78672.80	305488.58	383009.94	6039487.77	6039513.07	1008	200	2016
2544.00	58989.40	60259.40	305497.55	382873.51	6039744.73	6039758.37	1038	232	2016
2545.00	62778.40	63961.70	305505.94	382739.30	6039993.50	6040011.34	1008	200	2016
2546.00	60359.10	61470.10	305516.76	382602.21	6040242.12	6040258.64	1038	232	2016
2547.00	70161.90	71392.50	305530.28	382469.29	6040474.54	6040507.07	2029	227	2016
2548.00	57706.40	58848.60	305541.70	382326.10	6040740.66	6040761.78	1038	232	2016
2549.00	66312.20	67545.00	305551.33	382198.61	6040990.05	6041009.71	1038	232	2016
2550.00	66280.80	67451.60	305561.61	382062.95	6041236.56	6041265.25	1008	200	2016
2551.00	61593.10	62874.00	305568.73	381924.18	6041493.33	6041509.23	1038	232	2016
2552.00	73725.90	74853.50	305580.33	381789.24	6041737.07	6041760.88	2029	227	2016
2553.00	65084.30	66195.10	305595.96	381650.21	6041992.80	6042010.64	1038	232	2016
2554.00	57464.30	58798.70	305603.21	381521.49	6042240.93	6042260.48	1045	241	2016
2555.00	67567.80	68787.50	305611.78	381382.49	6042492.57	6042511.97	1008	200	2016
2556.00	92817.40	94076.60	305625.53	381250.59	6042742.77	6042758.03	1020	212	2016
2557.00	74941.50	76127.30	305635.16	381115.57	6042992.64	6043011.04	2029	227	2016
2558.00	67629.90	68717.20	305644.46	381095.49	6043241.16	6043258.86	1038	232	2016
2559.00	58922.50	60046.60	305656.96	380842.87	6043491.04	6043507.69	1045	241	2016
2560.00	58617.20	59766.90	305665.88	380705.82	6043736.28	6043758.84	1020	212	2016
2561.00	60230.10	61501.30	305678.70	380572.76	6043993.29	6044009.11	1045	241	2016
2562.00	61655.60	62783.60	305689.56	380435.38	6044242.76	6044257.15	1045	241	2016
2563.00	68818.50	70071.30	305696.01	380298.40	6044492.07	6044507.06	1038	232	2016
2564.00	63009.90	64241.50	305712.10	380164.73	6044745.73	6044757.80	1045	241	2016
2565.00	81151.60	82326.60	305719.40	380028.50	6044990.01	6045009.24	2038	249	2016
2566.00	79788.80	80983.10	305732.42	379892.12	6045232.65	6045273.63	2038	249	2016
2567.00	62606.90	63755.60	305742.34	379757.49	6045490.25	6045518.16	1021	213	2016
2568.00	64405.90	65487.00	305754.13	379622.06	6045741.28	6045760.62	1045	241	2016
2569.00	65659.00	66866.10	305762.15	379487.36	6045985.34	6046007.67	1045	241	2016
2570.00	72271.90	73343.90	305776.96	379351.59	6046239.59	6046256.72	1038	232	2016
2571.00	66166.70	67270.00	305785.21	379218.44	6046491.51	6046505.42	1021	213	2016
2572.00	61403.50	62504.00	305795.52	379084.22	6046741.30	6046758.21	1021	213	2016
2573.00	67858.80	68900.40	305807.30	378946.00	6046988.79	6047008.72	1045	241	2016
2574.00	73424.20	74630.80	305817.53	378808.24	6047241.35	6047261.03	1038	232	2016
2575.00	79532.80	80629.50	305828.96	378775.24	6047488.72	6047507.02	2032	231	2016
2576.00	67433.70	68590.00	305845.89	378541.12	6047740.68	6047757.44	1021	213	2016
2577.00	58051.50	59207.60	305846.98	378404.09	6047991.55	6048007.97	1021	213	2016
2578.00	78315.80	79428.90	305858.71	378267.38	6048241.96	6048257.54	2032	231	2016
2579.00	77089.90	78199.80	305870.55	378135.94	6048490.13	6048506.58	2032	231	2016
2580.00	89069.90	90334.00	306005.21	378001.45	6048744.57	6048764.37	2025	223	2016
2581.00	70806.40	71875.20	305889.75	377862.00	6048988.72	6049005.27	1021	213	2016
2582.00	57762.70	58580.60	305903.00	359466.59	6049239.64	6049257.75	2031	230	2016
2582.10	58603.80	58856.30	361077.96	377725.41	6049245.11	6049256.96	2031	230	2016
2583.00	59275.90	60124.60	305914.86	359452.72	6049490.50	6049509.17	2031	230	2016
2583.10	58983.10	59250.00	361091.37	377589.53	6049491.01	6049504.78	2031	230	2016
2584.00	75739.90	76554.70	305922.39	359396.34	6049737.24	6049760.21	2032	231	2016
2584.10	76580.40	76837.30	361101.16	377456.80	6049743.21	6049760.46	2032	231	2016
2585.00	87929.50	88648.80	305938.03	359091.44	6049991.14	6050006.53	2025	223	2016
2585.10	88675.10	88903.40	361112.01	377324.79	6049990.41	6050006.76	2025	223	2016

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2586.00	72284.90	73099.20	305949.00	358878.35	6050242.89	6050256.34	1021	213	2016
2586.10	71999.70	72246.50	361365.11	377186.68	6050240.83	6050253.15	1021	213	2016
2587.00	56829.20	57637.80	305954.53	358477.67	6050490.93	6050509.01	1021	213	2016
2587.10	57689.00	57912.20	362022.91	377050.91	6050494.91	6050503.88	1021	213	2016
2588.00	83574.00	84289.90	305969.00	357705.77	6050739.25	6050763.99	1020	212	2016
2588.10	84355.30	84547.60	362671.55	376911.67	6050738.80	6050758.15	1020	212	2016
2589.00	86981.10	87849.60	305977.61	356218.09	6050992.86	6051008.21	2025	223	2016
2589.10	86626.00	86848.90	363327.86	376780.03	6050992.96	6051005.75	2025	223	2016
2590.00	62348.00	63074.50	305990.32	354728.84	6051240.52	6051258.35	2031	230	2016
2590.10	63208.80	63398.20	363976.01	376643.57	6051244.41	6051259.29	2031	230	2016
2591.00	70636.90	71414.80	306000.91	353497.18	6051495.26	6051511.18	1025	217	2016
2591.10	70262.60	70443.10	365057.73	376506.35	6051496.42	6051506.99	1025	217	2016
2592.00	74924.70	75643.10	306007.52	352330.02	6051741.83	6051760.19	2032	231	2016
2592.10	74555.80	74698.80	366855.57	376453.89	6051746.32	6051754.61	2032	231	2016
2593.00	63954.30	64654.50	306019.73	351083.13	6051991.31	6052009.12	2031	230	2016
2593.10	63556.90	63693.70	367376.07	376237.56	6051993.78	6052005.05	2031	230	2016
2594.00	66842.10	67475.10	306029.08	347993.57	6052241.52	6052259.98	2031	230	2016
2594.10	67760.40	67888.90	367478.02	376104.11	6052245.27	6052255.59	2031	230	2016
2595.00	85524.80	86085.30	306042.51	345550.41	6052491.76	6052508.97	2025	223	2016
2595.10	86379.00	86494.90	367537.10	375970.26	6052488.81	6052505.45	2025	223	2016
2596.00	69075.80	69654.20	306050.28	343245.48	6052746.80	6052755.09	1025	217	2016
2596.10	70023.00	70151.20	367592.27	375828.09	6052748.66	6052758.40	1025	217	2016
2597.00	68563.90	69084.60	306060.86	339097.82	6052991.74	6053011.14	2031	230	2016
2597.10	68008.20	68128.30	367649.73	375694.53	6052994.75	6053001.78	2031	230	2016
2598.00	71268.30	71756.00	306073.80	339114.84	6053237.93	6053261.49	2031	230	2016
2598.10	72182.70	72300.10	367710.24	375563.59	6053246.64	6053257.70	2031	230	2016
2599.00	73037.20	73578.80	306082.88	339124.27	6053495.29	6053507.24	2031	230	2016
2599.10	72465.40	72585.20	367762.58	375424.40	6053492.21	6053502.28	2031	230	2016
2600.00	89670.80	90139.80	306096.60	339137.80	6053744.18	6053754.33	2020	216	2016
2600.10	90555.20	90659.70	367569.26	375286.77	6053746.43	6053755.72	2020	216	2016
2601.00	73337.90	73853.40	306106.16	339154.73	6053992.33	6054012.08	2032	231	2016
2601.10	74291.40	74423.30	367077.91	375156.72	6053996.95	6054004.51	2032	231	2016
2602.00	84853.30	85407.10	306118.00	339168.11	6054243.71	6054256.51	2025	223	2016
2602.10	84255.20	84396.60	366547.82	375017.85	6054244.28	6054254.07	2025	223	2016
2603.00	60238.30	60744.20	306124.21	339178.18	6054485.42	6054507.85	1029	223	2016
2603.10	61149.50	61283.50	365977.11	374885.73	6054495.44	6054506.37	1029	223	2016
2604.00	89027.70	89593.20	306134.96	339190.79	6054745.85	6054757.06	2020	216	2016
2604.10	88407.70	88572.10	365413.41	374751.02	6054746.95	6054754.05	2020	216	2016
2605.00	85464.70	85976.90	306145.20	339203.17	6054995.49	6055007.15	2018	214	2016
2605.10	84909.00	85067.50	364844.20	374615.55	6054991.31	6055006.14	2018	214	2016
2606.00	91385.30	91963.30	306158.06	339220.96	6055247.38	6055259.32	2020	216	2016
2606.10	90756.50	90944.20	364603.59	374477.09	6055247.16	6055257.01	2020	216	2016
2607.00	68399.80	68832.40	313715.27	339232.23	6055493.51	6055507.77	1025	217	2016
2607.01	62684.10	62802.90	306166.65	313906.98	6055493.28	6055502.02	1029	223	2016
2607.10	67800.90	67975.10	364381.48	374340.03	6055495.49	6055504.86	1025	217	2016
2608.00	62015.80	62578.30	306182.71	339248.65	6055743.37	6055759.40	1029	223	2016
2608.10	61383.80	61572.00	364160.33	374206.57	6055744.49	6055757.10	1029	223	2016
2609.00	63718.10	64221.10	306187.50	339257.74	6055988.07	6056002.25	1030	223	2016
2609.10	64587.00	64743.40	363937.67	374136.79	6055994.37	6056005.48	1030	223	2016
2610.00	83815.10	84307.40	306204.62	339269.62	6056243.66	6056255.69	2018	214	2016
2610.10	84671.40	84811.50	363646.27	373936.25	6056237.45	6056253.25	2018	214	2016
2611.00	92067.20	92602.40	306210.46	339284.17	6056491.57	6056511.56	2016	212	2016
2611.10	91476.90	91663.40	363491.56	373801.41	6056493.63	6056503.90	2016	212	2016
2612.00	87385.50	87837.20	306221.03	339296.45	6056741.37	6056754.05	2020	216	2016
2612.10	88156.40	88284.70	363274.18	373662.23	6056746.07	6056755.24	2020	216	2016
2613.00	66563.30	67090.20	306234.19	339309.98	6056993.51	6057016.92	1025	217	2016
2613.10	67462.80	67636.60	363051.51	373530.80	6056996.61	6057004.75	1025	217	2016
2614.00	60366.40	60881.20	306245.75	339322.85	6057239.63	6057265.64	1026	219	2016
2614.10	61263.90	61440.00	362742.87	373397.47	6057244.39	6057257.53	1026	219	2016
2615.00	54474.30	54986.10	306258.33	339335.53	6057487.92	6057511.49	1028	221	2016
2615.10	55340.40	55508.60	362429.95	373262.15	6057497.75	6057505.99	1028	221	2016
2616.00	58661.70	59181.50	306265.28	339352.25	6057731.19	6057760.98	1027	220	2016
2616.10	59550.20	59619.80	362123.30	366554.13	6057743.48	6057752.88	1027	220	2016
2616.11	59914.80	60027.60	366360.41	373126.31	6057744.33	6057759.34	1027	220	2016
2617.00	65454.70	66009.30	306277.57	339364.04	6057991.28	6058006.98	1030	223	2016
2617.10	64837.60	65051.00	361810.94	372991.32	6057993.33	6058005.03	1030	223	2016

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2618.00	66125.40	66622.40	306288.28	339376.16	6058241.21	6058255.53	1030	223	2016
2618.10	66944.90	67114.90	361501.48	372852.58	6058242.64	6058255.95	1030	223	2016
2619.00	92667.90	93166.90	306298.45	339390.35	6058491.35	6058507.81	2016	212	2016
2619.10	93483.40	93649.30	361190.88	372719.26	6058497.26	6058509.87	2016	212	2016
2620.00	86708.60	87282.80	306310.34	339403.27	6058744.92	6058759.38	2020	216	2016
2620.10	86122.60	86343.20	360882.08	372581.95	6058744.24	6058754.77	2020	216	2016
2621.00	61261.50	61794.70	306316.55	339414.47	6058993.83	6059010.89	2015	211	2016
2621.10	60705.70	60923.00	359836.87	372447.89	6058995.79	6059007.44	2015	211	2016
2622.00	67847.80	68411.10	306329.30	339428.71	6059245.48	6059257.71	1030	223	2016
2622.10	67251.50	67502.70	358765.18	372310.62	6059240.55	6059255.71	1030	223	2016
2623.00	68517.50	69016.60	306342.32	339443.02	6059489.73	6059503.89	1030	223	2016
2623.10	69300.30	69499.30	358574.16	372175.76	6059497.02	6059503.59	1030	223	2016
2624.00	57910.70	58384.90	306348.88	339454.98	6059742.65	6059764.29	3004	225	2016
2624.10	58667.10	58873.90	358258.75	372042.38	6059746.86	6059756.29	3004	225	2016
2625.00	62856.30	63381.10	306362.58	339466.78	6059988.37	6060008.01	1031	224	2016
2625.10	63656.40	63859.50	357947.67	371902.42	6059990.26	6060003.97	1031	224	2016
2626.00	76803.60	77374.30	306369.05	339471.54	6060244.91	6060263.92	1030	223	2016
2626.10	76229.00	76481.50	357636.53	371813.88	6060243.21	6060257.37	1030	223	2016
2627.00	76625.00	77156.40	306385.73	339335.65	6060495.04	6060508.31	1020	212	2016
2627.10	76110.90	76341.80	357320.39	371634.01	6060491.92	6060502.62	1020	212	2016
2628.00	65304.00	65816.70	306393.92	339304.61	6060743.34	6060767.81	2014	210	2016
2628.10	66076.60	66291.50	357010.42	371496.72	6060744.95	6060756.31	2014	210	2016
2629.00	77735.80	78233.30	306402.49	339052.06	6060993.97	6061005.40	2015	211	2016
2629.10	78500.20	78714.10	356700.69	371362.37	6060993.47	6061004.16	2015	211	2016
2630.00	83794.30	84316.00	306414.03	338911.67	6061242.36	6061266.26	2014	210	2016
2630.10	83273.00	83524.00	356350.97	371230.44	6061243.78	6061255.69	2014	210	2016
2631.00	59620.80	60120.10	306426.76	338772.11	6061489.53	6061506.28	2015	211	2016
2631.10	60377.20	60602.90	356057.36	371092.71	6061495.13	6061504.05	2015	211	2016
2632.00	79386.90	79923.30	306436.36	338628.64	6061744.83	6061776.96	2015	211	2016
2632.10	78840.10	79105.90	355712.34	370960.15	6061743.02	6061753.57	2015	211	2016
2633.00	94318.80	94824.90	306446.03	338492.54	6061991.07	6062008.05	2016	212	2016
2633.10	93786.20	94050.10	355397.94	370824.19	6061992.45	6062006.12	2016	212	2016
2634.00	64555.70	65109.70	306456.65	338350.71	6062240.49	6062259.66	1031	224	2016
2634.10	63970.50	64253.10	355536.85	370688.90	6062247.31	6062259.49	1031	224	2016
2635.00	83586.90	84068.70	306466.98	338207.54	6062485.19	6062507.71	2016	212	2016
2635.10	84321.00	84552.50	355680.25	370553.85	6062491.97	6062507.57	2016	212	2016
2636.00	56821.70	57326.80	306476.86	338072.96	6062741.94	6062758.17	2030	228	2016
2636.10	57598.10	57816.20	355816.50	370415.42	6062744.86	6062752.89	2030	228	2016
2637.00	67179.10	67675.00	306487.03	337927.20	6062990.97	6063013.92	1031	224	2016
2637.10	67948.20	68158.40	355947.54	370279.37	6062992.03	6063004.74	1031	224	2016
2638.00	90364.90	90834.10	306502.63	337791.78	6063237.66	6063259.89	2016	212	2016
2638.10	91089.70	91297.50	355843.65	370141.87	6063244.58	6063258.22	2016	212	2016
2639.00	66946.30	67452.40	306511.96	337648.43	6063491.37	6063510.54	2014	210	2016
2639.10	66401.70	66639.20	355740.88	370011.64	6063493.56	6063505.92	2014	210	2016
2640.00	70475.90	70953.30	306519.22	337505.68	6063740.78	6063756.67	1013	205	2016
2640.10	71229.60	71440.70	355633.39	369873.89	6063739.90	6063755.67	1013	205	2016
2641.00	85243.50	85778.60	306535.75	337367.59	6063989.21	6064010.66	2016	212	2016
2641.10	84666.70	84918.50	355532.75	369741.23	6063989.68	6064006.23	2016	212	2016
2642.00	68824.60	69340.10	306541.02	337229.25	6064244.30	6064259.58	1031	224	2016
2642.10	68267.20	68531.40	354137.15	369605.82	6064245.16	6064258.42	1031	224	2016
2643.00	56776.60	57220.90	306555.32	337090.75	6064491.07	6064508.49	2021	217	2016
2643.10	57440.90	57707.40	351482.59	369491.84	6064489.05	6064502.18	2021	217	2016
2644.00	85086.20	85499.20	306570.24	336973.77	6064740.51	6064757.53	2020	216	2016
2644.10	85700.20	85956.70	351431.21	369332.14	6064741.99	6064755.57	2020	216	2016
2645.00	69858.40	70371.80	306572.68	336807.13	6064994.26	6065008.21	1013	205	2016
2645.10	69311.20	69603.30	351439.16	369199.03	6064995.99	6065005.75	1013	205	2016
2646.00	71520.90	71981.40	306585.34	336667.86	6065242.20	6065261.38	1031	224	2016
2646.10	72202.90	72459.90	351446.04	369063.89	6065241.67	6065258.56	1031	224	2016
2647.00	57728.70	58174.20	306599.70	336526.02	6065491.86	6065506.94	3005	226	2016
2647.10	58396.80	58653.30	351456.96	368924.78	6065493.91	6065506.71	3005	226	2016
2648.00	77774.20	78297.20	306604.86	336385.46	6065743.75	6065760.68	1031	224	2016
2648.10	77178.60	77493.70	351471.39	368791.39	6065742.98	6065758.08	1031	224	2016
2649.00	82512.60	82985.80	306619.03	336248.12	6065995.58	6066010.51	2020	216	2016
2649.10	81963.30	82243.00	351482.61	368658.86	6065994.44	6066002.53	2020	216	2016
2650.00	68259.00	68701.80	306628.19	336108.68	6066240.67	6066258.25	1013	205	2016
2650.10	68930.00	69176.80	351495.26	368520.02	6066244.34	6066257.66	1013	205	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
2651.00	61767.50	62188.90	306638.58	335964.70	6066489.49	6066505.47	2025	223	2016
2651.10	62415.70	62660.30	351500.73	368386.58	6066494.60	6066506.49	2025	223	2016
2652.00	63344.10	63829.80	306649.94	335827.70	6066740.52	6066759.11	2025	223	2016
2652.10	62800.80	63075.00	351512.79	368250.74	6066741.94	6066755.99	2025	223	2016
2653.00	58326.10	58793.90	306662.08	335683.91	6066995.14	6067007.38	2021	217	2016
2653.10	57796.50	58061.50	351522.71	368116.36	6066994.93	6067005.64	2021	217	2016
2654.00	80917.30	81314.40	306673.91	335989.85	6067240.04	6067258.00	2020	216	2016
2654.10	81523.80	81740.30	351536.74	367979.79	6067244.24	6067257.22	2020	216	2016
2655.00	82626.20	83121.80	306681.08	336686.80	6067487.76	6067509.42	1001	189	2016
2655.10	82137.90	82391.90	351544.18	367842.93	6067492.71	6067508.86	1001	189	2016
2656.00	61195.60	61693.00	306738.72	337374.06	6067742.00	6067762.95	1003	193	2016
2656.10	60701.10	60957.30	351556.73	367710.54	6067740.47	6067755.50	1003	193	2016
2657.00	62630.50	63107.70	306704.97	338060.73	6067990.99	6068004.15	1013	205	2016
2657.10	63318.30	63561.00	351564.44	367571.61	6067993.37	6068009.77	1013	205	2016
2658.00	63937.00	64406.80	306713.66	338753.35	6068242.06	6068264.13	2025	223	2016
2658.10	64598.70	64828.80	351575.47	367437.69	6068241.25	6068258.94	2025	223	2016
2659.00	65480.40	66041.30	306722.41	339445.47	6068486.62	6068509.42	2025	223	2016
2659.10	64995.90	65263.90	351588.62	367303.06	6068489.19	6068505.09	2025	223	2016
2660.00	81015.10	81556.60	306735.02	339992.63	6068737.91	6068755.33	1001	189	2016
2660.10	81747.30	82006.50	351596.03	367173.19	6068742.82	6068756.73	1001	189	2016
2661.00	64001.40	64518.20	306746.38	340002.48	6068993.16	6069008.68	1003	193	2016
2661.10	64674.10	64938.00	350012.84	367179.93	6068986.24	6069004.76	1003	193	2016
2662.00	64169.50	64718.50	306757.93	340013.20	6069242.98	6069262.92	1013	205	2016
2662.10	63688.50	64045.40	347170.62	366898.84	6069243.55	6069256.32	1013	205	2016
2663.00	58886.50	59393.40	306767.23	340020.45	6069489.48	6069502.37	2021	217	2016
2663.10	59499.10	59793.70	346689.99	366760.01	6069492.45	6069502.84	2021	217	2016
2664.00	66150.30	66632.90	306779.32	340027.75	6069740.80	6069755.55	2025	223	2016
2664.10	66734.30	67013.30	346702.48	366625.10	6069741.99	6069756.92	2025	223	2016
2665.00	66593.30	67141.10	306788.22	340035.19	6069985.45	6070007.13	1001	189	2016
2665.10	67251.40	67555.80	346711.53	366491.47	6069991.18	6070005.18	1001	189	2016
2666.00	65480.70	66009.90	306800.61	340045.74	6070245.77	6070265.28	1003	193	2016
2666.10	65043.90	65372.40	346721.66	366356.84	6070246.34	6070259.39	1003	193	2016
2667.00	66044.30	66567.60	306813.25	340053.33	6070490.73	6070507.83	1013	205	2016
2667.10	66674.30	66961.10	346731.80	366219.44	6070491.56	6070504.88	1013	205	2016
2668.00	67575.80	68095.20	306823.61	340060.05	6070742.48	6070759.86	2025	223	2016
2668.10	67136.10	67461.30	346916.75	366082.24	6070741.04	6070756.18	2025	223	2016
2669.00	68205.30	68696.70	306832.86	340071.60	6070987.46	6071003.65	2025	223	2016
2669.10	68800.20	69069.30	346920.63	365948.67	6070992.16	6071008.81	2025	223	2016
2670.00	68131.40	68661.10	306841.38	340079.67	6071245.08	6071261.87	1001	189	2016
2670.10	67714.60	68023.90	346693.86	365809.32	6071239.13	6071257.31	1001	189	2016
2671.00	68288.30	68823.60	306853.21	340085.92	6071489.12	6071513.88	1003	193	2016
2671.10	68930.70	69221.60	346465.20	365676.97	6071490.24	6071507.95	1003	193	2016
2672.00	67549.70	68113.40	306862.32	340096.18	6071744.41	6071765.89	1013	205	2016
2672.10	67083.10	67472.20	344698.62	365540.50	6071740.51	6071757.36	1013	205	2016
2673.00	60305.20	60829.70	306876.71	340100.16	6071994.58	6072004.02	2021	217	2016
2673.10	59893.10	60231.00	344691.29	365408.56	6071995.21	6072005.46	2021	217	2016
2674.00	69644.60	70189.10	306882.64	340108.28	6072237.50	6072255.23	2025	223	2016
2674.10	69202.00	69570.50	344730.21	365272.94	6072242.22	6072256.65	2025	223	2016
2675.00	68933.10	69487.00	306895.55	340121.85	6072488.62	6072503.07	1001	189	2016
2675.10	69566.70	69895.60	344770.13	365135.64	6072491.27	6072508.79	1001	189	2016
2676.00	69745.30	70289.30	306909.40	340126.22	6072741.97	6072758.09	1003	193	2016
2676.10	69321.70	69667.40	344848.92	364996.67	6072746.47	6072759.39	1003	193	2016
2677.00	70297.90	70785.70	306917.19	340134.31	6072992.28	6073005.11	2025	223	2016
2677.10	70860.60	71144.20	344960.95	364864.36	6072990.39	6073003.07	2025	223	2016
2678.00	71734.10	72277.80	306927.78	340144.43	6073233.92	6073260.50	2025	223	2016
2678.10	71280.90	71653.70	345070.60	364862.19	6073243.39	6073258.19	2025	223	2016
2679.00	72373.00	72864.90	306940.02	340150.10	6073488.84	6073503.94	2025	223	2016
2679.10	72937.40	73199.10	345182.69	364589.99	6073490.19	6073509.58	2025	223	2016
2680.00	70423.40	70953.90	306949.23	340161.80	6073748.02	6073760.14	1001	189	2016
2680.10	70010.70	70342.20	345294.79	364457.67	6073743.94	6073760.83	1001	189	2016
2681.00	72567.90	73085.10	306961.34	340170.89	6073987.37	6074011.24	1003	193	2016
2681.10	73168.60	73460.20	345403.74	364325.88	6073991.63	6074006.10	1003	193	2016
2682.00	73752.90	74300.80	306968.80	340175.94	6074241.82	6074255.98	2025	223	2016
2682.10	73331.20	73667.90	345514.73	364189.32	6074243.79	6074256.27	2025	223	2016
2683.00	60937.10	61457.70	306984.50	340183.05	6074486.16	6074499.74	2021	217	2016
2683.10	61581.90	61820.30	348200.13	364054.92	6074493.95	6074502.77	2021	217	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
2684.00	74423.60	74907.20	306993.08	340195.84	6074742.17	6074755.49	2025	223	2016
2684.10	75020.20	75074.50	348189.51	352169.09	6074740.18	6074749.96	2025	223	2016
2684.20	75071.00	75235.40	351917.95	363914.09	6074739.23	6074752.57	2025	223	2016
2685.00	71079.20	71618.10	307001.70	340205.86	6074988.48	6075009.83	1001	189	2016
2685.10	71750.00	71782.30	348177.70	350368.66	6074996.45	6075007.38	1001	189	2016
2685.20	71803.60	71989.70	351793.97	363782.41	6074998.08	6075010.20	1001	189	2016
2686.00	74006.40	74539.10	307013.69	340212.73	6075238.00	6075258.55	1003	193	2016
2686.10	73612.00	73813.40	351590.60	363643.01	6075237.95	6075261.84	1003	193	2016
2687.00	75834.40	76346.60	307022.21	340219.73	6075492.26	6075508.88	2025	223	2016
2687.10	75434.20	75644.30	351389.29	363513.09	6075487.81	6075504.00	2025	223	2016
2688.00	73121.00	73703.50	307033.25	340227.72	6075740.16	6075762.48	1031	224	2016
2688.10	72701.30	72921.80	351186.79	363375.14	6075740.84	6075755.17	1031	224	2016
2689.00	75114.00	75695.30	307044.07	340236.41	6075990.74	6076008.26	1039	233	2016
2689.10	74674.50	74917.00	350981.12	363241.00	6075991.01	6076002.05	1039	233	2016
2690.00	72462.80	72992.00	307054.27	340246.75	6076243.12	6076263.22	1001	189	2016
2690.10	72090.30	72299.10	350729.99	363107.50	6076241.08	6076258.63	1001	189	2016
2691.00	76899.00	77442.20	307064.42	340255.83	6076488.16	6076508.92	1003	193	2016
2691.10	77597.90	77789.30	350468.57	362969.74	6076491.92	6076511.76	1003	193	2016
2692.00	76067.20	76575.50	307076.06	340736.96	6076741.56	6076757.40	1031	224	2016
2692.10	76716.00	76896.30	350204.85	362830.80	6076742.62	6076757.39	1031	224	2016
2693.00	62265.90	62833.10	307089.86	342030.39	6076995.89	6077008.56	2021	217	2016
2693.10	61909.60	62126.80	349943.53	362696.52	6076994.66	6077005.42	2021	217	2016
2694.00	76329.70	76888.40	307102.16	343324.31	6077244.17	6077257.30	2018	214	2016
2694.10	76007.10	76225.50	349682.31	362562.18	6077242.92	6077257.53	2018	214	2016
2695.00	73111.90	73725.50	307111.56	344625.25	6077491.02	6077509.22	1001	189	2016
2695.10	73804.00	74010.80	349415.80	362539.62	6077493.82	6077510.18	1001	189	2016
2696.00	78167.50	78784.00	307119.14	345921.14	6077738.22	6077760.69	1003	193	2016
2696.10	77877.30	78106.30	349157.61	362290.70	6077736.67	6077754.35	1003	193	2016
2697.00	58834.30	59489.60	307129.82	347211.59	6077990.07	6078006.45	1042	238	2016
2697.10	59515.20	59721.60	348895.02	362158.55	6077991.37	6078005.57	1042	238	2016
2698.00	57525.20	58184.20	307142.50	348509.94	6078234.78	6078257.44	2017	213	2016
2698.10	58186.00	58392.10	348633.88	362021.50	6078244.09	6078252.33	2017	213	2016
2699.00	73662.20	74485.50	307155.60	361885.34	6078489.99	6078506.60	1039	233	2016
2700.00	74114.10	74993.80	307165.21	361752.24	6078741.04	6078759.04	1001	189	2016
2701.00	70893.70	71821.10	307176.88	361617.72	6078991.51	6079007.06	1039	233	2016
2702.00	58043.90	58955.80	307186.92	361482.14	6079240.49	6079254.56	2036	241	2016
2703.00	62919.60	63711.90	307194.71	361341.64	6079492.63	6079507.86	2021	217	2016
2704.00	69873.30	70712.30	307207.27	361209.17	6079737.38	6079756.18	1039	233	2016
2705.00	75107.70	75954.10	307218.55	361073.30	6079991.02	6080011.39	1001	189	2016
2706.00	59925.10	60849.60	307228.00	360936.18	6080238.16	6080254.22	2036	241	2016
2707.00	61793.00	62681.30	307240.85	360805.65	6080491.14	6080508.92	2036	241	2016
2708.00	67100.20	67985.70	307251.15	360665.98	6080743.06	6080755.56	1039	233	2016
2709.00	57141.80	57974.30	307258.78	360529.74	6080986.38	6081006.31	1035	228	2016
2710.00	76060.90	76928.00	307272.35	360394.47	6081238.82	6081263.27	1001	189	2016
2711.00	68927.10	69892.40	307278.24	360262.10	6081495.67	6081515.07	1012	204	2016
2712.00	78039.80	78798.80	307290.34	360216.53	6081742.13	6081758.73	2024	221	2016
2713.00	63799.30	64650.90	307300.24	359988.55	6081994.83	6082007.43	2021	217	2016
2714.00	58139.30	58928.80	307316.38	359852.87	6082244.37	6082258.43	3006	227	2016
2715.00	77059.00	77914.20	307325.69	359721.34	6082489.15	6082504.85	1001	189	2016
2716.00	68031.50	68808.00	307337.75	359581.89	6082740.87	6082760.73	1012	204	2016
2717.00	59064.10	59821.10	307343.88	359446.10	6082991.81	6083008.44	2036	241	2016
2718.00	60949.00	61698.50	307355.49	359312.37	6083241.71	6083261.93	2036	241	2016
2719.00	62790.80	63528.30	307367.84	359174.79	6083487.87	6083508.77	2036	241	2016
2720.00	78053.30	78868.30	307375.77	359044.79	6083735.07	6083760.38	1001	189	2016
2721.00	65410.30	66333.50	307391.74	358906.15	6083994.01	6084013.67	1012	204	2016
2722.00	64269.90	64683.40	307396.71	337652.60	6084243.80	6084257.59	2036	241	2016
2722.02	72504.70	72798.20	337463.10	358767.28	6084245.01	6084255.82	3022	259	2016
2723.00	64744.80	65523.20	307411.78	358639.58	6084487.01	6084505.18	2021	217	2016
2724.00	73362.60	73866.00	307423.38	340178.34	6084738.17	6084758.74	2040	255	2016
2724.02	68751.40	69047.80	339985.94	358504.01	6084738.21	6084753.17	2051	272	2016
2725.00	78995.20	79803.10	307433.81	358367.01	6084985.02	6085011.82	1001	189	2016
2726.00	64519.60	65288.60	307444.13	358228.29	6085218.97	6085258.46	1012	204	2016
2727.00	63631.60	64167.40	307450.58	340210.77	6085492.62	6085510.85	2036	241	2016
2727.01	87438.30	87750.20	340014.00	358098.00	6085495.65	6085508.00	2046	264	2016
2728.00	61362.10	62081.80	307463.37	357957.90	6085741.98	6085755.76	3021	258	2016
2729.00	62676.00	63177.30	307472.83	340228.27	6085985.11	6086002.07	2039	254	2016

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2729.01	87954.40	88233.00	340034.78	357899.95	6085990.98	6086005.62	2046	264	2016
2730.00	79904.80	80690.30	307483.67	357687.61	6086236.38	6086263.84	1001	189	2016
2731.00	73186.90	73658.80	307499.11	340249.53	6086493.18	6086505.66	3022	259	2016
2731.01	63634.50	63941.20	340059.52	357553.81	6086491.31	6086506.99	2049	268	2016
2732.00	82831.50	83682.50	307507.48	357421.38	6086743.03	6086753.19	3020	257	2016
2733.00	65614.70	66418.70	307515.95	357280.55	6086993.61	6087005.16	2021	217	2016
2734.00	81511.50	82199.00	307532.24	357144.24	6087241.76	6087254.78	3020	257	2016
2735.00	70392.50	71201.80	307537.20	357010.67	6087490.84	6087510.95	2039	254	2016
2736.00	69525.20	70248.00	307547.69	356877.04	6087738.85	6087765.03	2039	254	2016
2737.00	66130.50	66866.20	307558.30	356738.54	6087988.78	6088007.82	2039	254	2016
2738.00	66995.20	67825.30	307573.21	356604.94	6088240.64	6088257.09	2039	254	2016
2739.00	72890.80	73592.10	307582.07	356468.05	6088489.23	6088505.33	2039	254	2016
2740.00	76967.10	77698.90	307589.47	356334.26	6088739.98	6088756.78	2040	255	2016
2741.00	63547.90	64380.70	307604.52	356200.33	6088991.51	6089015.65	2039	254	2016
2742.00	82210.40	82976.10	307612.12	356063.26	6089236.85	6089255.91	1047	249	2016
2743.00	66497.00	67186.30	307623.27	355926.22	6089489.22	6089504.73	2021	217	2016
2744.00	83098.50	83890.60	307633.84	355792.93	6089742.98	6089762.20	1047	249	2016
2745.00	74289.20	75076.50	307647.64	355656.85	6089992.59	6090005.70	2040	255	2016
2746.00	75189.70	75912.80	307657.31	355572.55	6090240.08	6090258.03	2040	255	2016
2747.00	76082.20	76824.60	307670.30	355391.47	6090493.89	6090507.41	2040	255	2016
2748.00	89951.50	90702.90	307680.30	355252.44	6090745.37	6090757.27	1047	249	2016
2749.00	89116.20	89836.70	307688.57	355116.62	6090991.08	6091005.15	1047	249	2016
2750.00	88224.50	88992.70	307702.48	354985.29	6091244.79	6091259.11	1047	249	2016
2751.00	87368.00	88095.80	307711.19	354849.05	6091494.02	6091505.33	1047	249	2016
2752.00	86490.50	87257.80	307720.69	354710.30	6091742.11	6091760.48	1047	249	2016
2753.00	67263.10	67985.50	307734.01	354575.93	6091991.07	6092008.18	2021	217	2016
2754.02	80948.30	81652.80	307739.67	354440.37	6092243.44	6092256.13	2051	272	2016
2755.00	85638.50	86361.60	307752.18	354305.32	6092484.94	6092509.44	1047	249	2016
2756.00	77840.60	78581.40	307765.89	354171.96	6092741.88	6092759.85	2040	255	2016
2757.00	78726.20	79424.70	307774.21	354034.18	6092990.87	6093004.56	2040	255	2016
2758.00	79596.80	80291.80	307783.06	353897.74	6093245.04	6093261.69	2040	255	2016
2759.01	83074.30	83748.70	307793.25	353762.79	6093491.51	6093513.90	2055	285	2016
2760.00	88447.50	89213.60	307806.69	353626.69	6093742.13	6093756.10	2046	264	2016
2761.00	82594.40	83325.30	307814.53	353495.44	6093982.12	6094004.52	2046	264	2016
2762.00	64963.70	65649.30	307829.90	353356.72	6094243.22	6094261.25	3022	259	2016
2763.00	68062.90	68748.40	307842.38	353256.48	6094488.73	6094502.07	2021	217	2016
2764.00	73754.40	74513.80	307847.39	353085.74	6094730.87	6094759.18	2039	254	2016
2765.00	71902.20	72220.00	307862.35	328102.42	6094992.88	6095008.20	3022	259	2016
2765.01	84266.30	84685.50	327912.28	352951.23	6094988.00	6095008.58	2046	264	2016
2766.00	85537.10	86306.90	307873.23	352814.74	6095240.42	6095259.22	2046	264	2016
2767.00	65485.40	65788.90	335438.56	352681.92	6095490.18	6095510.54	2049	268	2016
2767.02	70074.50	70531.20	307879.01	335629.77	6095483.13	6095504.71	2051	272	2016
2768.00	69294.50	69969.00	307890.30	352546.46	6095746.58	6095759.48	2051	272	2016
2769.00	65727.90	66438.70	307901.00	352409.19	6095988.15	6096008.00	3022	259	2016
2770.00	70508.30	71229.40	307913.12	352276.13	6096242.35	6096256.27	2049	268	2016
2771.01	83862.00	84524.00	307927.61	352140.50	6096493.98	6096506.83	2055	285	2016
2772.00	76411.40	77139.80	307932.53	352005.54	6096741.55	6096755.63	2033	232	2016
2773.00	68834.60	69529.50	307943.13	351872.39	6096994.52	6097004.96	2021	217	2016
2774.00	86445.10	87169.20	307954.24	351730.53	6097237.78	6097257.28	2046	264	2016
2775.00	68873.70	69539.00	307970.33	351594.98	6097487.89	6097504.88	3022	259	2016
2776.00	66531.80	66865.40	307980.78	328218.68	6097741.50	6097753.69	3022	259	2016
2776.01	84966.80	85321.10	328024.75	351464.42	6097741.88	6097757.20	2046	264	2016
2777.00	68820.30	69519.50	307987.86	351326.04	6097993.22	6098004.31	2049	268	2016
2778.00	67980.60	68640.30	308001.67	351190.89	6098241.89	6098254.20	2049	268	2016
2779.00	67159.00	67843.50	308011.50	351057.32	6098493.94	6098506.76	2049	268	2016
2780.00	71092.90	71784.00	308024.27	350935.58	6098745.29	6098756.92	3022	259	2016
2781.00	67321.80	67999.30	308032.13	350786.04	6098993.30	6099003.39	3022	259	2016
2782.00	75665.40	76283.60	308043.49	350648.07	6099242.32	6099264.53	2033	232	2016
2783.00	69609.60	70241.60	308052.74	350517.45	6099488.59	6099504.86	2021	217	2016
2784.00	69620.20	70289.00	308061.66	350379.64	6099739.55	6099755.48	3022	259	2016
2785.00	66354.00	67023.30	308075.53	350246.86	6099989.79	6100004.44	2049	268	2016
2786.00	68104.20	68783.50	308084.72	350108.08	6100244.31	6100255.25	3022	259	2016
2787.01	70392.00	71001.50	308099.39	349977.05	6100490.96	6100506.37	3022	259	2016
2788.00	72894.10	73635.40	308108.49	349837.97	6100742.63	6100756.71	2033	232	2016
2789.00	73896.10	74517.90	308116.15	349705.14	6100988.39	6101005.86	1036	230	2016
2790.00	83765.20	84424.90	308125.88	349570.92	6101239.71	6101258.68	2017	213	2016

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2791.00	80354.00	80945.10	308136.47	349428.99	6101491.65	6101510.40	2019	215	2016
2792.00	72159.40	72768.10	308148.39	349296.20	6101726.88	6101760.15	2033	232	2016
2793.00	70316.00	70948.90	308164.03	349165.42	6101994.53	6102015.50	2021	217	2016
2794.00	66230.90	66832.50	308169.72	349026.58	6102241.86	6102254.36	3019	256	2016
2795.00	84538.00	85236.80	308184.88	348889.13	6102492.31	6102515.81	2017	213	2016
2796.00	74590.10	75236.70	308190.11	348756.26	6102742.27	6102754.20	1036	230	2016
2797.00	69238.10	69928.40	308201.15	348621.91	6102993.16	6103005.69	2033	232	2016
2798.00	85758.20	86370.10	308213.95	348619.72	6103243.66	6103263.69	3016	249	2016
2799.00	89911.20	90545.70	308227.50	348349.23	6103496.00	6103509.84	3016	249	2016
2800.00	87420.80	88033.40	308236.62	348215.33	6103738.42	6103756.05	2017	213	2016
2801.00	68521.90	69115.30	308244.50	348080.17	6103990.45	6104007.96	2033	232	2016
2802.00	71017.70	71592.00	308256.32	347944.39	6104241.17	6104253.33	2021	217	2016
2803.00	67668.00	68407.40	308267.50	347810.68	6104493.96	6104519.04	2033	232	2016
2804.00	86441.80	87068.20	308279.71	347676.49	6104744.86	6104753.89	3016	249	2016
2805.00	88160.50	88816.20	308286.12	347535.89	6104993.26	6105010.92	2017	213	2016
2806.00	81098.40	81739.20	308300.72	347401.46	6105240.07	6105264.31	2019	215	2016
2807.02	66975.70	67628.70	308314.31	347268.37	6105493.94	6105509.48	3019	256	2016
2808.00	63346.00	63936.00	308319.73	347129.22	6105739.24	6105755.39	2033	232	2016
2809.00	71679.90	72284.80	308329.65	346996.40	6105996.06	6106007.22	2021	217	2016
2810.00	74828.80	75452.00	308340.55	346862.35	6106244.62	6106258.32	2013	209	2016
2811.00	74883.70	75525.20	308353.50	346725.92	6106491.73	6106507.94	1033	226	2016
2812.00	59773.60	60355.20	308367.42	346591.31	6106735.37	6106757.31	2033	232	2016
2813.00	89245.80	89808.40	308372.45	346457.46	6106991.14	6107008.28	3016	249	2016
2814.00	64039.00	64729.60	308385.99	346319.06	6107245.48	6107264.29	2033	232	2016
2815.00	74128.60	74732.10	308395.35	346299.44	6107489.57	6107513.08	2013	209	2016
2816.00	60485.40	61157.30	308410.96	346211.93	6107744.08	6107767.92	2033	232	2016
2817.00	74185.80	74774.90	308420.57	346222.17	6107989.15	6108004.58	1033	226	2016
2818.00	84734.80	85312.10	308430.82	346233.83	6108241.77	6108257.14	2019	215	2016
2818.10	70665.30	70765.00	365956.06	372328.55	6108246.45	6108258.50	2013	209	2016
2819.00	57205.30	57795.50	308439.60	346242.31	6108486.15	6108506.86	2018	214	2016
2819.10	70357.10	70545.00	360967.73	372186.43	6108494.83	6108509.09	2013	209	2016
2820.00	70882.70	71911.20	308450.59	372045.16	6108742.00	6108759.94	2013	209	2016
2821.00	77609.70	78587.80	308460.74	371906.88	6108985.82	6109011.43	2013	209	2016
2822.00	72562.80	73665.70	308470.28	371765.17	6109244.04	6109260.49	2019	215	2016
2823.00	73296.10	74380.90	308480.77	371628.42	6109492.08	6109518.52	2020	216	2016
2824.00	54633.70	55586.10	308490.68	371489.22	6109737.05	6109760.60	2020	216	2016
2825.00	62246.30	63293.10	308505.86	371430.52	6109991.68	6110008.61	1034	227	2016
2826.00	78683.30	79754.10	308517.78	371206.98	6110239.59	6110259.51	2013	209	2016
2827.00	64501.60	65479.30	308528.72	371065.10	6110488.88	6110512.56	2013	209	2016
2828.00	81889.30	82766.50	308537.58	370927.56	6110738.47	6110755.98	2019	215	2016
2829.00	65465.70	66415.90	308546.68	370789.33	6110989.34	6111010.44	1034	227	2016
2830.00	65574.50	66530.40	308556.81	370645.39	6111240.53	6111261.62	1039	233	2016
2831.00	60148.20	61085.50	308570.95	370507.09	6111488.03	6111510.08	3017	254	2016
2832.00	81968.40	82936.90	308580.67	370367.31	6111739.74	6111770.51	2013	209	2016
2833.00	66513.70	67563.60	308590.25	370224.27	6111996.03	6112011.34	1034	227	2016
2834.00	76507.20	77595.10	308598.39	370085.73	6112244.03	6112258.02	3017	254	2016
2835.00	67792.80	68662.00	308609.71	369950.71	6112490.77	6112504.67	3019	256	2016
2836.00	61182.50	62213.30	308621.59	369808.24	6112738.33	6112757.90	3017	254	2016
2837.00	65566.00	66578.20	308634.37	369668.04	6112992.30	6113017.33	2013	209	2016
2838.00	69806.70	70736.10	308644.77	369525.72	6113240.24	6113256.99	1034	227	2016
2839.00	83024.10	84013.70	308652.46	369389.17	6113492.32	6113511.46	2013	209	2016
2840.00	69277.20	70273.50	308664.45	369248.90	6113744.02	6113754.51	3019	256	2016
2841.00	70863.40	71910.70	308674.23	369107.64	6113992.81	6114017.89	1034	227	2016
2842.00	72030.30	72938.00	308684.68	369111.97	6114240.61	6114256.36	1033	226	2016
2843.00	75042.70	75920.30	308700.90	368827.51	6114487.91	6114505.01	3017	254	2016
2844.00	68518.30	69498.70	308707.74	368685.74	6114742.20	6114760.90	2035	237	2016
2845.00	74098.60	75003.20	308717.97	368549.03	6114990.06	6115010.02	1034	227	2016
2846.00	59395.10	60347.60	308727.58	368410.78	6115238.41	6115255.01	1033	226	2016
2847.00	68794.10	69736.50	308738.98	368265.41	6115490.07	6115514.04	2013	209	2016
2848.00	71852.60	72756.50	308752.71	368128.78	6115743.55	6115757.87	2030	228	2016
2849.00	75108.90	76154.50	308761.44	367988.40	6115991.01	6116011.34	1034	227	2016
2850.00	73024.00	74012.70	308775.86	367850.67	6116241.43	6116259.83	1033	226	2016
2851.00	70815.40	71801.20	308785.10	367706.91	6116495.52	6116508.64	1033	226	2016
2852.00	61148.40	61433.20	308796.67	325854.48	6116747.25	6116761.04	1033	226	2016
2852.10	60437.50	61142.70	326181.14	367567.66	6116744.95	6116755.87	1033	226	2016
2853.00	69776.80	70040.40	308807.99	325470.66	6116988.32	6116999.14	1033	226	2016

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2853.10	70055.30	70688.20	326456.68	367426.61	6116987.49	6117004.16	1033	226	2016
2854.00	56437.40	56707.90	308817.83	325085.83	6117243.05	6117257.13	2020	216	2016
2854.10	55773.50	56415.10	326402.09	367286.87	6117238.32	6117259.66	2020	216	2016
2855.00	67727.10	67989.70	308826.58	324694.61	6117487.93	6117499.77	1033	226	2016
2855.10	68011.90	68639.90	326213.08	367150.80	6117485.64	6117501.71	1033	226	2016
2856.00	63657.20	63903.80	308839.06	324312.88	6117741.80	6117761.98	1033	226	2016
2856.10	63932.10	64568.70	326225.09	367006.92	6117740.32	6117754.99	1033	226	2016
2857.00	60730.20	60969.30	308902.60	323925.33	6117991.76	6118005.72	2020	216	2016
2857.10	61004.60	61648.20	326236.98	366870.35	6117984.58	6118009.05	2020	216	2016
2858.00	58698.00	58925.50	308859.09	323538.93	6118242.39	6118262.59	2020	216	2016
2858.10	58964.60	59599.80	326197.51	366778.83	6118238.20	6118255.35	2020	216	2016
2859.00	56784.00	57006.30	308872.61	323157.14	6118486.96	6118500.27	2020	216	2016
2859.10	57052.10	57690.20	326145.77	366587.70	6118488.52	6118504.04	2020	216	2016
2860.00	69469.00	69691.90	308880.40	322687.90	6118743.94	6118759.04	1033	226	2016
2860.10	68741.20	69407.90	326095.43	366450.40	6118742.64	6118753.96	1033	226	2016
2861.00	74408.50	74609.10	308889.68	321768.31	6118995.01	6119012.97	1032	225	2016
2861.10	73692.00	74336.30	326046.53	366308.68	6118988.67	6119005.57	1032	225	2016
2862.00	62452.90	62650.50	308899.62	321366.23	6119245.03	6119255.41	2020	216	2016
2862.10	61725.30	62369.30	325994.27	366166.14	6119237.70	6119254.64	2020	216	2016
2863.00	60450.30	60651.10	308913.40	321075.87	6119492.66	6119503.05	2020	216	2016
2863.10	59694.40	60369.30	325943.60	366026.51	6119490.91	6119509.65	2020	216	2016
2864.00	58464.70	58648.50	308922.66	320789.44	6119746.33	6119754.45	2020	216	2016
2864.10	57767.90	58385.20	325888.96	365885.10	6119741.46	6119764.57	2020	216	2016
2865.00	72681.60	72863.40	308934.57	320499.44	6119993.52	6120008.64	1032	225	2016
2865.10	72941.10	73566.60	325838.26	365746.28	6119993.55	6120007.63	1032	225	2016
2866.00	67458.80	67637.80	308945.33	320213.01	6120246.78	6120252.33	1033	226	2016
2866.10	66699.10	67364.60	325789.77	365608.31	6120241.32	6120255.85	1033	226	2016
2867.00	62730.00	62907.80	308954.81	319922.91	6120492.14	6120504.57	2020	216	2016
2867.10	62995.50	63619.00	325738.13	365466.10	6120489.89	6120506.37	2020	216	2016
2868.00	70286.70	70453.00	308965.28	319635.89	6120743.54	6120758.10	1032	225	2016
2868.10	69541.70	70178.60	325686.03	365331.00	6120740.25	6120757.01	1032	225	2016
2869.00	83720.10	83880.90	308976.99	319350.87	6120995.00	6121007.99	2019	215	2016
2869.10	82985.90	83613.90	325630.19	365189.26	6120992.22	6121007.53	2019	215	2016
2870.00	66636.40	66789.70	309052.18	319059.14	6121246.95	6121259.32	2019	215	2016
2870.10	65892.90	66527.50	325583.27	365044.37	6121244.34	6121262.77	2019	215	2016
2871.00	68527.40	68686.60	308995.84	318775.85	6121485.79	6121507.09	1032	225	2016
2871.10	68791.60	69407.50	325565.93	364907.32	6121492.66	6121505.01	1032	225	2016
2872.00	64433.20	64580.30	309009.42	318459.35	6121745.71	6121752.85	2020	216	2016
2872.10	63713.30	64319.40	325559.47	364767.36	6121745.04	6121757.44	2020	216	2016
2873.00	65458.60	65605.10	309018.37	318020.59	6121994.82	6122005.84	1033	226	2016
2873.10	64695.00	65333.70	325559.89	364627.17	6121991.78	6122007.06	1033	226	2016
2874.00	83977.70	84115.30	309034.03	317581.46	6122240.57	6122254.34	2019	215	2016
2874.10	84219.10	84340.70	325552.45	334268.19	6122242.16	6122254.02	2019	215	2016
2874.11	71703.60	72172.90	334072.34	364490.20	6122243.83	6122254.87	2023	220	2016
2875.00	66873.00	67010.70	309041.24	317140.72	6122480.57	6122513.57	2019	215	2016
2875.10	67142.10	67740.50	325554.58	364454.60	6122488.79	6122511.73	2019	215	2016
2876.00	66171.00	66271.40	309054.70	315778.72	6122741.93	6122753.70	1032	225	2016
2876.10	65378.50	66014.10	325544.61	364204.91	6122742.25	6122755.80	1032	225	2016
2877.00	68668.20	68741.90	309064.36	313461.34	6123000.00	6123007.91	2019	215	2016
2877.10	67856.00	68464.70	325543.92	364066.99	6122987.48	6123007.75	2019	215	2016
2878.00	64672.10	64733.10	309075.21	312845.91	6123240.97	6123247.69	2020	216	2016
2878.10	64934.80	65533.50	325537.41	363928.14	6123237.49	6123264.42	2020	216	2016
2879.00	70793.10	70850.40	309083.14	312489.01	6123486.11	6123501.33	2023	220	2016
2879.10	71059.50	71621.30	325534.93	363784.37	6123495.00	6123505.52	2023	220	2016
2880.00	68833.50	68882.90	309096.44	312126.97	6123742.57	6123751.07	2019	215	2016
2880.10	69101.60	69703.50	325533.59	363648.64	6123740.95	6123754.13	2019	215	2016
2881.00	64404.20	64448.20	309106.65	311766.63	6123991.17	6124006.90	1032	225	2016
2881.10	64665.30	65256.90	325529.91	363506.80	6123990.16	6124005.49	1032	225	2016
2882.00	65700.20	65737.20	309116.51	311408.70	6124241.74	6124248.89	1033	226	2016
2882.10	65956.60	66538.00	325523.05	363368.55	6124239.45	6124252.33	1033	226	2016
2883.00	66435.50	66465.20	309129.17	311185.69	6124496.91	6124502.92	2020	216	2016
2883.10	65618.10	66211.70	325520.78	363224.26	6124491.54	6124508.99	2020	216	2016
2884.00	70681.90	70709.00	309202.03	311115.17	6124748.36	6124754.03	2023	220	2016
2884.10	69878.30	70465.80	325518.88	363084.12	6124743.21	6124756.24	2023	220	2016
2885.00	64891.20	64919.60	309152.27	311045.56	6124990.76	6124999.30	2019	215	2016
2885.10	65141.80	65746.90	325511.88	362948.25	6124987.43	6125006.40	2019	215	2016

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2886.00	62157.80	62186.30	309159.90	310976.06	6125246.67	6125258.27	1032	225	2016
2886.10	61311.70	61923.00	325518.46	362804.63	6125242.15	6125258.66	1032	225	2016
2887.00	83982.10	84008.90	309172.00	310906.32	6125485.72	6125503.27	2024	221	2016
2887.10	84217.00	84767.80	325571.14	362666.89	6125486.15	6125504.27	2024	221	2016
2888.00	66534.10	66562.20	309181.73	310831.51	6125746.66	6125756.72	2020	216	2016
2888.10	66796.40	67381.20	325625.77	362527.04	6125737.20	6125756.64	2020	216	2016
2889.00	68921.50	68948.30	309191.41	310763.26	6125991.57	6126003.86	2023	220	2016
2889.10	69193.50	69783.00	325678.61	362389.80	6125991.91	6126010.56	2023	220	2016
2890.00	64769.20	64789.70	309276.72	310690.65	6126249.95	6126251.44	2019	215	2016
2890.10	63952.80	64532.00	325737.21	362246.12	6126241.21	6126266.47	2019	215	2016
2891.02	71983.90	72004.30	309215.01	310620.77	6126499.93	6126502.87	2051	272	2016
2891.12	71197.80	71750.30	325788.78	362127.98	6126493.48	6126506.74	2051	272	2016
2892.01	72132.10	72157.10	309224.82	310582.72	6126746.16	6126749.56	2051	272	2016
2892.11	72412.20	72992.70	325845.09	361966.86	6126742.64	6126754.24	2051	272	2016
2893.00	70631.30	70651.60	309237.83	310568.85	6127001.55	6127005.69	2019	215	2016
2893.10	69810.40	70379.00	325802.59	361830.22	6126992.03	6127013.12	2019	215	2016
2894.00	68817.40	68836.80	309247.91	310560.69	6127252.71	6127255.01	2023	220	2016
2894.10	68010.50	68573.90	325743.32	361690.27	6127243.42	6127256.55	2023	220	2016
2895.00	72987.00	73006.40	309254.36	310552.23	6127501.04	6127507.87	2012	208	2016
2895.10	72169.10	72736.60	325682.60	361547.44	6127494.94	6127512.91	2012	208	2016
2896.00	75286.50	75307.80	309268.01	310545.71	6127743.95	6127757.58	2012	208	2016
2896.10	75537.90	76079.80	325624.64	361408.68	6127740.04	6127752.18	2012	208	2016
2897.01	73849.80	73866.80	309350.61	310531.69	6127997.21	6128001.19	2051	272	2016
2897.11	73077.10	73622.50	325569.78	361268.28	6127991.39	6128008.83	2051	272	2016
2898.00	67087.10	67107.20	309285.53	310523.21	6128246.18	6128252.90	2023	220	2016
2898.10	67346.80	67912.60	325511.97	361130.40	6128242.03	6128254.45	2023	220	2016
2899.00	76986.40	77003.80	309300.64	310510.94	6128501.00	6128514.35	2012	208	2016
2899.10	76198.80	76748.70	325451.73	360986.80	6128491.53	6128508.18	2012	208	2016
2900.00	71252.40	71271.90	309309.42	310505.38	6128736.48	6128756.29	2012	208	2016
2900.10	71501.80	72056.90	325321.33	360849.59	6128741.32	6128756.34	2012	208	2016
2901.00	63013.40	63031.10	309321.35	310475.93	6128997.16	6129000.43	2019	215	2016
2901.10	63268.00	63823.00	325120.05	360711.22	6128987.23	6129013.51	2019	215	2016
2902.00	68276.60	68293.60	309331.97	310427.05	6129247.10	6129253.54	2020	216	2016
2902.10	67486.40	68043.60	324920.80	360571.24	6129240.88	6129255.91	2020	216	2016
2903.02	74167.70	74185.40	309342.17	310365.70	6129496.65	6129500.34	2051	272	2016
2903.12	74417.40	74977.80	324723.52	360428.14	6129489.01	6129505.73	2051	272	2016
2904.00	66995.40	67009.30	309354.27	310265.32	6129749.88	6129752.14	2023	220	2016
2904.10	66229.60	66771.70	324527.81	360288.64	6129745.02	6129757.15	2023	220	2016
2905.00	85787.50	85799.30	309366.87	310162.18	6129992.89	6129996.88	2024	221	2016
2905.10	85994.80	86360.20	324245.78	352115.77	6129993.12	6130006.72	2024	221	2016
2905.11	61007.20	61137.70	351921.23	360149.39	6129989.32	6130006.15	1032	225	2016
2906.00	62920.80	62930.90	309373.99	310059.94	6130251.23	6130253.34	2019	215	2016
2906.10	62120.20	62695.40	324128.06	360009.71	6130244.32	6130262.77	2019	215	2016
2907.00	70744.70	70754.30	309388.78	309959.69	6130493.54	6130499.65	2019	215	2016
2907.10	70968.80	71527.10	324022.69	359868.34	6130490.75	6130514.42	2019	215	2016
2908.00	80538.70	80550.10	309394.22	310124.90	6130745.78	6130747.45	2024	221	2016
2908.10	80748.80	81267.00	323936.27	359803.02	6130736.67	6130752.82	2024	221	2016
2909.00	65384.50	65399.20	309407.93	310365.22	6130994.63	6131000.61	2023	220	2016
2909.10	65603.10	66144.40	323850.11	359586.15	6130992.06	6131006.24	2023	220	2016
2910.00	68365.50	68383.50	309419.98	310611.25	6131242.40	6131249.29	2020	216	2016
2910.10	68591.00	69158.80	323765.23	359447.46	6131239.38	6131257.64	2020	216	2016
2911.00	61239.20	61263.40	309430.50	310766.33	6131493.24	6131499.12	2019	215	2016
2911.10	61467.10	62016.50	323684.88	359310.96	6131488.66	6131501.81	2019	215	2016
2912.00	80400.80	80422.50	309439.46	310873.83	6131747.74	6131751.70	2024	221	2016
2912.10	79605.90	80190.00	323600.14	359170.57	6131739.77	6131756.77	2024	221	2016
2913.00	87393.00	87416.80	309450.38	311074.70	6131998.91	6132001.73	2024	221	2016
2913.10	86621.80	87184.20	323517.47	359026.00	6131991.70	6132006.34	2024	221	2016
2914.00	65271.60	65299.60	309459.01	311468.37	6132249.90	6132256.94	2023	220	2016
2914.10	64530.00	65091.80	323430.24	358886.54	6132244.43	6132257.17	2023	220	2016
2915.00	69995.90	70034.10	309469.62	311851.93	6132492.60	6132501.43	2020	216	2016
2915.10	69217.40	69800.50	323348.85	358748.64	6132492.69	6132513.00	2020	216	2016
2916.00	61119.80	61160.20	309480.44	312343.88	6132749.55	6132753.30	2019	215	2016
2916.10	60388.50	60948.40	323261.12	358608.82	6132741.26	6132758.09	2019	215	2016
2917.00	70778.90	70826.10	309495.68	312354.06	6132990.63	6133005.62	1022	214	2016
2917.10	70991.90	71524.70	323176.89	358471.39	6132986.21	6133008.49	1022	214	2016
2918.00	69087.10	69126.90	309501.23	312366.45	6133252.08	6133263.19	2024	221	2016

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2918.10	68416.80	68930.20	323095.57	358325.40	6133238.71	6133262.28	2024	221	2016
2919.00	63641.40	63687.70	309513.63	312375.98	6133492.75	6133499.92	2023	220	2016
2919.10	63859.40	64423.40	323007.27	358190.22	6133494.47	6133507.20	2023	220	2016
2920.00	70093.80	70146.60	309524.77	312390.32	6133742.53	6133754.04	2020	216	2016
2920.10	70313.30	70861.30	322927.24	358051.10	6133741.96	6133758.28	2020	216	2016
2921.00	72394.20	72439.40	309537.03	312401.02	6133993.87	6134000.80	1022	214	2016
2921.10	71647.40	72224.10	322842.05	357910.11	6133989.43	6134008.55	1022	214	2016
2922.00	68525.40	68568.80	309549.75	312410.90	6134241.81	6134250.69	1022	214	2016
2922.10	67792.70	68359.20	322759.26	357767.16	6134234.24	6134257.26	1022	214	2016
2923.00	67621.80	67666.30	309557.67	312418.57	6134480.14	6134503.04	2024	221	2016
2923.10	67823.40	68321.90	322653.07	357626.38	6134492.83	6134506.47	2024	221	2016
2924.00	63514.00	63557.10	309567.51	312427.75	6134747.06	6134750.97	2023	220	2016
2924.10	62815.60	63354.20	322551.90	357487.61	6134740.89	6134764.77	2023	220	2016
2925.00	71658.00	71703.10	309581.07	312440.65	6134993.89	6135000.96	2020	216	2016
2925.10	70950.70	71490.50	322451.62	357482.40	6134992.12	6135004.40	2020	216	2016
2926.00	66476.90	66513.60	309594.45	312448.25	6135246.46	6135254.66	2022	219	2016
2926.10	65837.60	66337.10	322348.26	357209.42	6135235.60	6135263.45	2022	219	2016
2927.00	66952.00	66999.30	309604.83	312462.61	6135493.17	6135505.61	1022	214	2016
2927.10	67149.60	67681.20	322250.45	357070.81	6135488.36	6135502.88	1022	214	2016
2928.00	68861.40	68905.30	309609.05	312472.02	6135748.34	6135754.51	2012	208	2016
2928.10	68126.30	68697.90	322148.66	356931.01	6135737.54	6135756.61	2012	208	2016
2929.00	61992.00	62043.20	309625.59	312482.52	6135997.24	6136006.06	2023	220	2016
2929.10	62201.70	62727.00	322002.22	356788.75	6135993.69	6136006.85	2023	220	2016
2930.00	71775.40	71818.70	309636.17	312493.16	6136239.98	6136251.05	2020	216	2016
2930.10	71962.20	72526.50	321943.26	356650.08	6136236.47	6136253.42	2020	216	2016
2931.00	59517.40	59573.30	309644.75	312502.78	6136492.76	6136500.70	2019	215	2016
2931.10	59726.20	60260.60	321773.19	356511.30	6136491.46	6136515.23	2019	215	2016
2932.00	87507.70	87549.10	309656.37	312512.40	6136740.94	6136751.35	2024	221	2016
2932.10	87671.80	88155.10	321595.03	356366.55	6136740.77	6136756.81	2024	221	2016
2933.00	65444.10	65484.00	309663.15	312525.24	6136999.79	6137015.29	2024	221	2016
2933.10	64778.30	65298.20	321411.91	356231.03	6136993.04	6137009.87	2024	221	2016
2934.00	61870.70	61909.70	309679.84	312533.03	6137247.64	6137252.60	2023	220	2016
2934.10	61208.50	61737.50	321226.37	356086.61	6137242.19	6137256.04	2023	220	2016
2935.00	64972.90	65026.30	309690.88	312546.00	6137495.76	6137502.26	2022	219	2016
2935.10	65169.70	65736.10	321044.35	355948.59	6137490.95	6137506.30	2022	219	2016
2936.00	59381.20	59423.30	309700.85	312560.65	6137749.46	6137761.28	2019	215	2016
2936.10	58676.90	59243.10	320858.46	355807.30	6137744.27	6137756.47	2019	215	2016
2937.00	88928.90	88971.10	309709.89	312567.06	6137996.57	6138002.62	2024	221	2016
2937.10	88230.80	88790.70	320677.46	355670.34	6137993.18	6138006.39	2024	221	2016
2938.00	64011.40	64056.70	309717.27	312580.81	6138239.80	6138260.60	2024	221	2016
2938.10	64172.00	64683.70	320496.87	355531.30	6138240.50	6138258.15	2024	221	2016
2939.00	60360.00	60408.00	309729.73	312592.21	6138493.79	6138499.22	2023	220	2016
2939.10	60531.40	61095.90	320308.44	355390.53	6138486.62	6138504.23	2023	220	2016
2940.00	79231.90	79280.30	309744.76	312599.72	6138737.87	6138750.86	2012	208	2016
2940.10	79395.10	79928.80	320130.30	355248.85	6138741.97	6138755.35	2012	208	2016
2941.00	57864.80	57911.90	309750.87	312610.39	6138994.38	6139000.53	2019	215	2016
2941.10	58024.50	58570.20	319941.95	355148.57	6138990.53	6139002.99	2019	215	2016
2942.01	75872.70	75912.40	309761.20	312619.99	6139243.87	6139251.15	2051	272	2016
2942.11	75220.40	75760.60	319633.44	354965.96	6139240.55	6139258.14	2051	272	2016
2943.00	61834.80	61875.10	309774.41	312634.97	6139501.60	6139516.42	2024	221	2016
2943.10	61181.30	61721.10	319577.39	354832.54	6139479.68	6139506.18	2024	221	2016
2944.00	60219.40	60262.30	309786.28	312647.00	6139747.82	6139752.59	2023	220	2016
2944.10	59543.90	60110.60	319392.61	354691.73	6139742.67	6139760.56	2023	220	2016
2945.00	64404.10	64449.30	309797.32	312664.85	6139995.03	6140004.95	1022	214	2016
2945.10	63709.60	64292.20	319209.52	354547.08	6139991.31	6140009.42	1022	214	2016
2946.00	57735.00	57779.80	309809.27	312677.53	6140246.38	6140256.97	2019	215	2016
2946.10	57030.80	57624.70	319027.46	354412.19	6140241.16	6140264.20	2019	215	2016
2947.00	60442.60	60499.50	309815.44	313318.40	6140495.23	6140513.99	2024	221	2016
2947.10	60577.00	61077.20	318848.31	354267.20	6140487.74	6140507.44	2024	221	2016
2948.00	67252.50	67327.20	309828.57	314224.55	6140739.38	6140770.15	2012	208	2016
2948.10	67393.20	67952.40	318659.53	354127.83	6140739.69	6140761.53	2012	208	2016
2949.00	58728.80	58824.60	309838.35	315197.67	6140995.11	6141002.22	2023	220	2016
2949.10	58872.20	59415.50	318481.64	353988.25	6140989.53	6141002.76	2023	220	2016
2950.00	62873.20	62979.10	309848.39	316031.55	6141243.56	6141252.42	1022	214	2016
2950.10	63014.80	63586.60	318293.62	353850.49	6141227.54	6141255.79	1022	214	2016
2951.00	56249.90	56360.40	309860.61	316931.69	6141489.84	6141510.68	2019	215	2016

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2951.10	56376.70	56920.60	318111.20	353711.70	6141489.87	6141514.98	2019	215	2016
2952.00	80617.60	80743.50	309870.02	317833.69	6141746.70	6141757.53	2012	208	2016
2952.10	80029.50	80616.00	317932.13	353571.17	6141743.64	6141761.02	2012	208	2016
2953.00	67411.10	68034.10	309881.15	353428.54	6141992.89	6142004.98	2035	237	2016
2954.00	57575.70	58266.90	309895.27	353285.88	6142241.28	6142262.28	2024	221	2016
2955.00	58825.90	59508.80	309905.44	353148.78	6142490.30	6142512.18	1022	214	2016
2956.00	58968.40	59684.70	309916.55	353006.38	6142743.71	6142755.99	1035	228	2016
2957.00	60096.70	60753.80	309925.37	352870.64	6142987.72	6143007.30	1034	227	2016
2958.00	59967.90	60643.90	309937.00	352828.38	6143237.39	6143255.19	1032	225	2016
2959.00	56844.30	57460.80	309944.60	352589.61	6143489.23	6143505.77	2024	221	2016
2960.00	61032.10	61724.30	309958.91	352449.17	6143744.02	6143762.60	2011	207	2016
2961.00	59641.50	60383.10	309970.32	352308.56	6143989.48	6144007.90	1022	214	2016
2962.00	62832.20	63425.00	309979.42	347767.93	6144244.71	6144261.36	2012	208	2016
2963.00	62102.30	62537.20	309992.37	341218.47	6144494.58	6144518.96	2022	219	2016
2964.01	77738.60	78155.30	310003.69	335652.65	6144737.14	6144753.91	2051	272	2016
2965.00	72674.70	72990.80	310009.62	330283.05	6144992.27	6145006.93	2023	220	2016
2966.00	57775.00	58029.30	310024.65	325289.14	6145240.89	6145256.26	1033	226	2016
2967.00	58173.80	58320.10	310037.74	318965.08	6145496.22	6145510.14	1033	226	2016
2968.00	58793.90	58883.70	310045.24	315300.65	6145744.37	6145758.92	1033	226	2016
4001.00	65302.40	65498.90	200044.55	213014.75	5916827.05	5917922.81	2048	266	2016
4002.01	70444.10	70764.70	200054.69	220512.15	5916448.09	5918169.38	3030	276	2016
4003.00	66148.20	66458.40	200062.57	220522.26	5916705.48	5918421.90	2048	266	2016
4004.00	67094.60	67411.50	200078.92	220534.12	5916946.98	5918676.20	2048	266	2016
4005.00	68022.90	68344.70	200088.78	220541.74	5917200.43	5918933.85	2048	266	2016
4006.00	68901.60	69213.60	200095.13	220554.41	5917447.76	5919171.22	2048	266	2016
4007.00	69767.30	70090.40	200107.00	220565.88	5917700.20	5919427.20	2048	266	2016
4008.00	70672.50	70996.20	200117.20	220572.17	5917956.31	5919665.47	2048	266	2016
4009.00	71561.90	71876.90	200130.06	220586.02	5918210.49	5919937.42	2048	266	2016
4010.00	72776.70	73092.20	200135.21	220594.65	5918456.40	5920174.52	2048	266	2016
4011.00	65722.00	66056.30	200144.65	220606.64	5918703.70	5920421.19	2048	266	2016
4012.00	64810.40	65152.90	200155.65	220613.75	5918947.69	5920677.95	2048	266	2016
4013.00	85684.00	86004.60	200166.60	220626.34	5919202.29	5920929.78	3018	255	2016
4014.00	66588.00	66926.00	200180.44	220637.59	5919453.10	5921178.54	2048	266	2016
4015.00	67558.10	67905.70	200188.15	220644.24	5919700.98	5921434.73	2048	266	2016
4016.00	68474.90	68818.20	200199.98	220657.59	5919950.61	5921677.96	2048	266	2016
4017.00	69330.90	69662.20	200211.00	220670.05	5920205.50	5921925.90	2048	266	2016
4018.00	85308.60	85601.20	200221.09	220676.99	5920453.25	5922172.91	3018	255	2016
4019.00	78483.90	78784.70	200231.55	220689.15	5920699.95	5922427.82	1041	237	2016
4020.00	70226.70	70559.80	200239.69	220699.87	5920951.17	5922679.17	2048	266	2016
4021.00	71109.40	71455.20	200249.25	220709.77	5921200.55	5922907.18	2048	266	2016
4022.00	63785.30	64135.30	200261.12	220717.64	5921456.29	5923172.83	2048	266	2016
4023.00	84902.30	85225.10	200270.94	220730.10	5921714.48	5923427.72	3018	255	2016
4024.00	78054.80	78359.30	200286.09	220741.91	5921950.28	5923682.69	1041	237	2016
4025.00	72158.40	72651.40	200294.62	230732.52	5921362.97	5923931.81	2048	266	2016
4026.00	73785.80	74315.50	200303.42	233237.95	5921403.49	5924178.75	2041	256	2016
4027.00	74472.60	74977.20	200314.58	234059.54	5921589.26	5924431.10	2041	256	2016
4028.00	75189.50	75735.80	200323.81	234078.95	5921834.64	5924680.07	2041	256	2016
4029.00	75932.70	76451.80	200334.56	234090.19	5922086.95	5924925.89	2041	256	2016
4030.00	76636.70	77168.10	200343.59	234107.27	5922334.03	5925172.97	2041	256	2016
4031.00	77316.80	77832.10	200352.76	234117.58	5922578.82	5925428.58	2041	256	2016
4032.00	77986.10	78527.00	200367.03	234131.58	5922832.12	5925678.04	2041	256	2016
4033.00	84316.80	84803.20	200376.40	234148.05	5923088.88	5925927.21	3018	255	2016
4034.00	77395.90	77906.30	200388.58	234161.72	5923330.13	5926178.83	1041	237	2016
4035.00	79163.70	79677.00	200397.30	234176.47	5923580.69	5926432.97	2041	256	2016
4036.00	79870.50	80404.00	200407.60	234187.25	5923830.88	5926677.89	2041	256	2016
4037.00	80556.60	81063.80	200416.30	234206.01	5924088.31	5926934.89	2041	256	2016
4038.00	81218.00	81781.60	200427.53	234214.72	5924332.41	5927184.88	2041	256	2016
4039.00	76719.50	77233.80	200441.54	234228.72	5924583.61	5927433.97	1041	237	2016
4040.00	81939.90	82446.30	200448.80	234241.15	5924836.21	5927680.93	2041	256	2016
4041.00	82644.90	83165.60	200463.30	234259.86	5925077.60	5927933.55	2041	256	2016
4042.00	83355.60	83855.40	200476.46	234268.62	5925334.95	5928227.03	2041	256	2016
4043.00	83676.70	84213.40	200478.48	234286.27	5925587.67	5928434.94	3018	255	2016
4044.00	76092.50	76593.30	200490.60	234296.76	5925834.16	5928686.58	1041	237	2016
4045.00	84070.00	84594.50	200499.45	234314.53	5926081.63	5928932.77	2041	256	2016
4046.00	73403.50	73956.50	200510.37	234324.46	5926326.77	5929175.70	2048	266	2016
4047.01	78352.50	78879.50	200521.15	234342.77	5926583.31	5929441.15	2055	285	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
4048.01	86920.20	87467.80	200533.05	234351.48	5926826.35	5929680.70	2054	284	2016
4049.00	75500.30	75997.00	200543.82	234370.41	5927082.37	5929934.26	1041	237	2016
4050.01	79016.70	79520.70	200550.87	234380.92	5927330.41	5930182.24	2055	285	2016
4051.00	87918.10	88415.40	200565.57	234396.65	5927580.08	5930435.12	3029	273	2016
4052.00	74119.20	74635.00	200578.00	234412.89	5927832.58	5930683.45	2048	266	2016
4053.00	83025.00	83539.40	200581.87	234427.33	5928083.14	5930932.75	3018	255	2016
4054.00	74840.30	75357.20	200595.46	234436.29	5928329.56	5931187.85	1041	237	2016
4055.00	81547.10	82183.70	190620.70	234454.46	5928584.20	5932279.35	3018	255	2016
4056.00	65194.50	65814.50	190636.57	234463.49	5928832.47	5932528.35	3030	276	2016
4057.01	79596.00	80272.10	190645.48	234480.69	5929080.97	5932782.71	2055	285	2016
4058.00	87184.00	87852.60	190651.83	234490.63	5929329.36	5933030.44	3029	273	2016
4059.00	86436.90	87080.50	190662.10	234507.62	5929582.18	5933280.45	3029	273	2016
4060.00	78180.50	78844.10	190672.97	234525.09	5929834.19	5933533.65	3028	272	2016
4061.00	82258.40	82940.20	190687.50	234538.61	5930081.72	5933780.10	3018	255	2016
4062.00	74066.40	74734.30	190696.52	234550.05	5930330.12	5934033.42	1041	237	2016
4063.00	80796.10	81478.00	190704.49	234566.38	5930581.04	5934286.72	3018	255	2016
4064.00	74775.60	75492.50	190719.17	234577.62	5930824.00	5934531.98	2048	266	2016
4065.00	85660.10	86325.40	190724.56	234595.03	5931083.42	5934778.83	3029	273	2016
4066.00	78943.30	79662.30	190740.25	234606.52	5931328.97	5935031.93	3028	272	2016
4067.00	73257.80	73922.80	190750.40	234618.05	5931578.35	5935281.40	1041	237	2016
4068.00	77355.70	78082.70	190755.14	234632.66	5931831.87	5935532.00	3028	272	2016
4069.00	84908.40	85555.00	190770.60	234646.30	5932073.81	5935786.00	3029	273	2016
4070.00	83987.00	84671.80	190780.57	234662.71	5932327.81	5936033.89	3028	272	2016
4071.00	80038.50	80676.40	190791.42	234677.86	5932581.32	5936283.68	3018	255	2016
4072.00	72505.70	73159.20	190800.43	234688.29	5932833.62	5936536.69	1041	237	2016
4073.00	76596.30	77261.80	190812.86	234701.43	5933076.72	5936784.76	3028	272	2016
4074.00	80250.00	80398.50	190821.96	201147.92	5936163.05	5937030.32	3028	272	2016
4074.01	87632.80	88155.90	200956.14	234716.18	5933327.00	5936177.86	2054	284	2016
4075.00	75636.10	76303.00	190829.62	234727.32	5933577.65	5937279.34	2048	266	2016
4076.00	82165.60	82865.10	190839.40	234743.52	5933823.79	5937533.93	2047	265	2016
4077.00	71763.70	72425.90	190852.58	234758.49	5934081.04	5937782.13	1041	237	2016
4078.00	81295.40	81940.20	190864.30	234776.41	5934325.83	5938036.41	3028	272	2016
4079.00	84150.20	84830.20	190875.03	234785.76	5934581.53	5938277.33	3029	273	2016
4080.00	83416.80	84053.70	190883.29	234804.18	5934824.29	5938542.50	3029	273	2016
4081.00	80495.20	81196.50	190894.66	234813.90	5935080.69	5938785.90	3028	272	2016
4082.00	82410.80	83222.80	190906.66	243803.59	5934571.94	5939040.07	3029	273	2016
4083.00	82021.10	82878.00	190917.61	243810.72	5934824.62	5939292.46	3028	272	2016
4084.00	81416.30	82231.40	190922.77	244781.81	5934987.36	5939536.68	3029	273	2016
4085.00	80479.00	81294.00	190938.21	244796.86	5935241.62	5939787.90	3029	273	2016
4086.00	82978.70	83805.70	190944.69	244810.43	5935496.64	5940041.76	3028	272	2016
4087.00	81115.80	81989.80	190956.62	244821.80	5935740.88	5940281.15	2047	265	2016
4088.00	79971.70	80883.10	185973.05	244836.49	5935987.48	5940955.78	2047	265	2016
4089.00	71126.90	72141.40	185118.25	244854.87	5936242.81	5941278.69	2047	265	2016
4090.00	70041.40	70942.00	185136.32	244864.59	5936492.34	5941521.85	2047	265	2016
4091.00	68893.60	69878.70	185152.00	244880.25	5936741.78	5941781.70	2047	265	2016
4092.00	67790.60	68689.40	185168.17	244894.09	5936990.30	5942017.60	2047	265	2016
4093.00	85356.30	86239.10	185185.84	244903.25	5937236.67	5942281.25	2034	236	2016
4094.00	69803.50	70972.70	185206.91	251409.70	5936934.38	5942528.11	2042	257	2016
4095.00	71201.30	72165.80	185218.41	251417.95	5937193.76	5942776.92	2042	257	2016
4096.00	72322.20	73453.80	185237.93	251558.12	5937423.90	5943030.91	2042	257	2016
4097.00	73593.60	74563.40	185254.41	251570.78	5937678.47	5943285.66	2042	257	2016
4098.00	74779.80	75987.00	185273.75	251584.78	5937928.36	5943533.64	2042	257	2016
4099.00	76124.80	77077.50	185291.20	251597.35	5938178.06	5943776.90	2042	257	2016
4100.00	84200.80	85250.20	185303.89	251609.66	5938422.82	5944031.39	2034	236	2016
4101.00	77243.70	78364.70	185324.08	251625.62	5938676.42	5944283.57	2042	257	2016
4102.00	78550.40	79472.50	185351.57	251640.58	5938931.88	5944629.05	2042	257	2016
4103.00	79638.90	80712.90	185355.59	251649.33	5939181.43	5944782.09	2042	257	2016
4104.00	80875.40	81840.10	185370.79	251661.23	5939432.11	5945031.62	2042	257	2016
4105.00	82021.50	83136.30	185387.53	251678.86	5939677.04	5945276.44	2042	257	2016
4106.00	83095.60	84066.20	185401.83	251689.93	5939932.87	5945489.52	2034	236	2016
4107.00	65388.60	65971.90	218764.73	251703.19	5940178.84	5942962.92	2043	258	2016
4107.01	78861.90	79367.70	185422.82	218960.20	5942945.83	5945780.74	3026	266	2016
4108.00	66450.10	67555.40	185436.58	251718.71	5940423.21	5946030.75	2047	265	2016
4109.00	72352.70	73389.00	185453.74	251731.33	5940683.12	5946279.70	2047	265	2016
4110.00	73575.60	74682.60	185474.78	251742.20	5940929.79	5946526.43	2047	265	2016
4111.00	74929.30	75941.30	185489.74	251757.19	5941177.05	5946778.08	2047	265	2016

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LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
4112.00	76083.30	77196.70	185506.92	251768.22	5941426.66	5947026.83	2047	265	2016
4113.00	81951.40	82986.00	185521.67	251783.67	5941677.12	5947282.45	2034	236	2016
4114.01	77375.30	78388.30	185537.98	251799.11	5941933.67	5947530.82	2047	265	2016
4115.00	78606.00	79658.40	185556.43	251806.92	5942177.94	5947774.40	2047	265	2016
4116.00	71472.70	72410.90	185572.91	251824.45	5942426.63	5948039.30	3026	266	2016
4117.00	79226.00	80276.70	185587.16	251838.81	5942672.65	5948277.75	3029	273	2016
4118.00	78064.70	79102.90	185604.57	251851.56	5942929.32	5948525.87	3029	273	2016
4119.00	76909.30	77940.70	185626.49	251865.07	5943179.00	5948776.03	3029	273	2016
4120.00	80862.20	81830.40	185639.04	251878.07	5943426.18	5949032.75	2034	236	2016
4121.00	75871.20	76854.30	185654.65	251887.61	5943679.68	5949281.25	3025	265	2016
4122.00	70282.60	71390.70	185673.85	251903.49	5943925.06	5949522.67	3026	266	2016
4123.00	72491.50	73560.70	185689.00	251916.17	5944176.97	5949772.12	3026	266	2016
4124.00	86351.50	87375.00	185705.05	251929.44	5944431.18	5950025.54	2052	273	2016
4125.01	73238.60	74246.50	185721.23	251939.62	5944679.50	5950277.08	2055	285	2016
4126.02	72126.10	73123.50	185742.44	251956.90	5944925.65	5950532.67	2055	285	2016
4127.01	74550.00	75587.10	185756.39	251967.33	5945177.35	5950774.80	2055	285	2016
4128.01	75701.50	76698.90	185772.99	251979.95	5945429.01	5951028.13	2055	285	2016
4129.00	73668.00	74643.30	185791.10	251997.17	5945677.70	5951265.97	3026	266	2016
4130.00	79762.40	80762.40	185808.73	252005.72	5945927.36	5951528.20	2034	236	2016
4131.00	74771.90	75781.80	185824.42	252023.20	5946180.40	5951771.54	3025	265	2016
4132.00	69177.80	70108.90	185842.41	252035.40	5946426.01	5952021.57	3026	266	2016
4133.00	87472.50	88526.20	185854.77	252046.20	5946681.53	5952264.03	2052	273	2016
4134.00	85219.90	86227.60	185870.63	252061.29	5946925.96	5952523.62	2052	273	2016
4135.00	74767.50	75904.20	185890.41	252077.23	5947171.02	5952776.88	3026	266	2016
4136.00	78665.70	79655.90	185906.12	252084.55	5947417.81	5953019.57	2034	236	2016
4137.00	70221.10	71215.80	185925.89	252099.54	5947668.23	5953272.67	3011	238	2016
4138.00	73732.00	74702.40	185944.15	252115.38	5947926.00	5953519.93	3025	265	2016
4139.00	68020.80	69097.00	185958.31	252126.92	5948177.24	5953773.14	3026	266	2016
4140.00	78233.80	79249.90	185973.74	252141.39	5948424.22	5954026.92	2052	273	2016
4141.00	80612.00	81646.40	185991.69	252156.86	5948677.20	5954274.45	2052	273	2016
4142.00	82943.20	83961.60	186007.06	252167.46	5948926.15	5954511.72	2052	273	2016
4143.00	77360.20	78395.00	186024.95	252176.78	5949175.12	5954769.57	2034	236	2016
4144.00	69020.20	70109.10	186039.16	252193.55	5949430.59	5955011.62	3011	238	2016
4145.00	72661.80	73655.50	186058.28	252205.00	5949673.09	5955270.79	3025	265	2016
4146.00	76290.40	77251.90	186072.11	252217.53	5949927.44	5955514.00	3026	266	2016
4147.01	64494.80	65546.30	186089.25	252230.08	5950173.48	5955771.40	2053	276	2016
4148.00	81760.70	82799.20	186107.94	252244.31	5950426.48	5956028.83	2052	273	2016
4149.00	67002.70	67914.00	186123.47	252259.20	5950678.10	5956274.89	3026	266	2016
4150.00	76260.70	77275.60	186140.59	254487.34	5950735.05	5956515.93	2034	236	2016
4151.00	67864.40	68952.00	186157.80	254496.39	5950988.13	5956772.19	3011	238	2016
4152.00	71538.00	72564.70	186173.60	255596.36	5951145.67	5957017.81	3025	265	2016
4153.00	79426.00	80500.20	186190.98	255608.37	5951388.68	5957268.13	2052	273	2016
4154.00	76973.30	78093.50	186205.49	255623.22	5951648.39	5957517.96	2052	273	2016
4155.00	77515.00	78607.20	186224.73	255634.10	5951880.51	5957767.56	3026	266	2016
4156.00	65843.40	66928.90	186240.91	255647.55	5952145.75	5958015.00	3026	266	2016
4157.00	75037.30	76122.00	186258.15	255660.65	5952392.12	5958271.51	2034	236	2016
4158.00	70411.00	71459.90	186276.74	255722.74	5952640.45	5958514.19	3025	265	2016
4159.00	81511.40	82574.30	186293.74	255735.15	5952894.70	5958768.02	3025	265	2016
4160.00	80382.70	81410.20	186306.53	255741.84	5953139.25	5959016.98	3025	265	2016
4161.00	79241.60	80260.30	186323.94	255754.22	5953387.33	5959261.42	3025	265	2016
4162.00	73849.50	74884.40	186343.60	255765.93	5953644.04	5959510.41	2034	236	2016
4163.00	78136.60	79128.00	186359.15	255773.64	5953891.28	5959765.36	3025	265	2016
4164.00	69289.90	70322.00	186373.67	255785.36	5954140.92	5960011.70	3025	265	2016
4165.00	72317.90	73480.80	186392.09	255793.85	5954388.50	5960263.65	3011	238	2016
4166.00	80136.60	81146.80	186408.51	255805.82	5954644.09	5960514.51	1041	237	2016
4167.00	72653.10	73710.80	186802.36	255815.29	5954891.18	5960733.16	2034	236	2016
4168.00	68131.10	69111.00	191803.67	255827.93	5955142.21	5960558.50	3025	265	2016
4169.00	65890.60	66757.20	201796.40	255867.60	5955392.74	5959967.85	3011	238	2016
4170.00	67012.10	67747.20	211789.75	255878.02	5955637.30	5959368.37	3011	238	2016
4171.00	73567.20	74069.60	224278.10	255889.95	5955890.06	5958562.87	3011	238	2016
4172.00	74291.70	74652.30	234270.63	255896.66	5956136.16	5957965.74	3011	238	2016
4173.00	66387.10	66634.40	239212.79	255912.16	5956391.91	5957804.91	2043	258	2016
4174.00	66804.00	67106.00	239224.77	255921.09	5956640.73	5958058.56	2043	258	2016
4175.00	67556.10	67807.00	239235.25	255928.35	5956894.35	5958299.92	2043	258	2016
4176.00	65494.30	65777.00	239250.77	255939.13	5957136.25	5958555.49	3011	238	2016
4177.00	68062.50	68387.60	239266.77	255947.95	5957389.10	5958804.62	2043	258	2016

FLOWN LINES
NAD-83 CSRS 2014, UTM10N

LINE	TIME	TIME	MIN X	MAX X	MIN Y	MAX Y	FLIGHT	DAY	YEAR
4178.00	68554.80	68792.50	239281.84	255959.92	5957636.51	5959047.80	2043	258	2016
4179.00	72259.10	72515.20	239293.69	255969.09	5957890.35	5959304.90	2034	236	2016
4180.00	69193.80	69478.40	239306.48	255983.20	5958141.79	5959549.01	2043	258	2016
4181.00	69660.20	69901.80	239319.10	255991.23	5958386.53	5959797.54	2043	258	2016
4182.00	70063.40	70363.40	239336.69	256006.28	5958640.63	5960059.24	2043	258	2016
4183.00	65172.70	65420.20	239348.98	256016.95	5958895.84	5960302.82	3011	238	2016
4184.01	69278.20	69599.50	239362.79	259831.96	5958815.78	5960552.15	2053	276	2016
4185.00	71810.10	72159.90	239377.28	262341.64	5958893.94	5960804.51	2034	236	2016
4186.00	71148.70	71603.80	239390.19	262619.22	5959084.84	5961051.79	2043	258	2016
4187.00	71788.30	72118.90	239405.09	262636.07	5959335.73	5961298.35	2043	258	2016
4188.00	72277.50	72675.10	239418.35	262647.94	5959586.17	5961551.36	2043	258	2016
4189.00	72863.60	73206.90	239434.76	262656.42	5959829.02	5961798.39	2043	258	2016
4190.00	73388.20	73863.40	239446.71	262668.68	5960084.43	5962052.28	2043	258	2016
4191.00	74064.40	74411.60	239456.07	262684.01	5960329.90	5962308.35	2043	258	2016
4192.00	74659.20	75126.50	239469.74	262694.89	5960590.21	5962552.91	2043	258	2016
4193.00	75316.90	75664.50	239481.52	262709.79	5960834.73	5962789.87	2043	258	2016
4194.00	75934.00	76343.70	239489.96	262724.35	5961088.29	5963048.31	2043	258	2016
4195.00	76537.50	76868.70	239502.39	262732.97	5961339.96	5963300.65	2043	258	2016
4196.00	77034.00	77448.90	239512.60	262749.60	5961587.02	5963552.11	2043	258	2016
4197.00	77651.60	77991.80	239522.86	262761.62	5961838.91	5963795.84	2043	258	2016
4198.00	78211.50	78682.70	239530.39	262772.40	5962087.46	5964051.67	2043	258	2016
4199.00	78843.00	79184.60	239545.68	262781.33	5962330.09	5964297.95	2043	258	2016
4200.00	79342.80	79765.30	239552.61	262795.55	5962587.85	5964557.18	2043	258	2016
4201.00	79943.70	80284.20	239561.18	262813.04	5962833.72	5964805.31	2043	258	2016
4202.00	80448.80	80894.60	239575.98	262821.25	5963085.95	5965049.99	2043	258	2016
4203.00	62964.20	63323.40	239583.53	262833.53	5963334.42	5965302.50	2044	259	2016
4204.00	63463.10	63863.50	239595.14	262851.32	5963587.72	5965549.87	2044	259	2016
4205.00	64110.00	64466.80	239608.49	262858.39	5963839.61	5965801.66	2044	259	2016
4206.00	64699.50	65088.10	239614.81	262872.06	5964081.99	5966053.94	2044	259	2016
4207.00	67767.20	68167.80	239626.74	262884.58	5964337.53	5966311.96	1048	254	2016
4208.00	67276.60	67613.80	239638.50	262900.61	5964580.06	5966557.31	1048	254	2016
4209.00	66737.40	67122.30	239647.77	262911.86	5964835.85	5966806.99	1048	254	2016
4210.00	66222.80	66564.90	239658.77	262924.79	5965084.63	5967050.77	1048	254	2016
4211.00	65685.70	66071.90	239669.22	262936.72	5965336.55	5967307.98	1048	254	2016
4212.01	88955.00	89307.50	239679.30	262946.55	5965585.61	5967563.67	2052	273	2016
4213.00	64665.90	65064.30	239690.52	262961.17	5965836.26	5967806.12	1048	254	2016
4214.00	64125.40	64489.70	239703.54	262976.62	5966088.46	5968062.03	1048	254	2016
4215.00	63575.30	63999.60	239710.27	262986.42	5966333.55	5968315.65	1048	254	2016
4216.00	63068.90	63424.20	239718.71	263001.82	5966584.48	5968554.07	1048	254	2016
4217.00	70635.90	70992.00	239729.31	263010.58	5966833.74	5968805.02	1041	237	2016
4218.00	65326.30	65561.60	247225.31	263023.45	5967084.04	5968417.57	2044	259	2016
4219.00	65739.60	66008.50	247237.27	263042.93	5967332.17	5968666.41	2044	259	2016
4220.00	66215.60	66317.50	256377.00	263053.04	5967581.83	5968145.40	2044	259	2016

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Appendix IV



Equipment List

Part	Serial No.	Description	Manufacturer
Aircraft C-GSGL	208B-0783	Cessna 208B Grand Caravan, Engine Pratt & Whitney Canada	Cessna
Aircraft C-GSGV	208B-0524	Cessna 208B Grand Caravan, Engine Pratt & Whitney Canada	Cessna
Aircraft C-GSGW	208B-0646	Cessna 208B Grand Caravan, Engine Pratt & Whitney Canada	Cessna
Barometric Sensor	1099727	Model THE AP122,BJ,2C	Honeywell
Barometric Sensor	462078	Model THE/0727-01TJA	Honeywell
Barometric Sensor	1335789	Model THE absolute sensor	Honeywell
Data acquisition computer	CDAC-14	CPCI Data Acquisition computer	SGL
Data acquisition computer	CDAC-11	CPCI Data Acquisition computer	SGL
Data acquisition computer	CDAC-01	CPCI Data Acquisition computer	SGL
DGPS Antenna	6777	Aero Patch TSO, AT1665-OW-TNCF-000-RG-38-NM	Novatel
DGPS Antenna	21376	L1/L2 - Lband Aircraft Antenna p/n 3GO1215A-XT-1	Novatel
L1/L2 GPS Omnistar Antenna	122868	Novatel GPS-534-C Omnistar Antenna L1/L2	Novatel
Fluxgate Magnetometer	875	Model TFM100G2-1E	Billingsley Magnetics
Fluxgate Magnetometer	872	Model TFM100G2-1E	Billingsley Magnetics
Fluxgate Magnetometer	876	Model TFM100G2-1E	Billingsley Magnetics
GPS Antenna	512C-5986	Model 512C, L1/L2	Novatel
GPS Antenna	SGA0735	Model 511	Novatel
Laser Profilometer	9995928	LD90-31K-HiP, 11-28VDC laser rangefinder.	Riegl
Magnetometer Sensor	75116-C988	Model G-822A, Sensor S/N G988,	Geometrics
Magnetometer Sensor	75308-C1320	Model G-822A, Sensor S/N C1320	Geometrics
Magnetometer Sensor	75248-G1254	Model G-822A, Sensor S/N C1254	Geometrics
Magnetometer Sensor	75421-C1961	Model G-822A	Geometrics
Magnetometer Sensor	75536-C2491	Model G-822A, Sensor S/N C2450	Geometrics
Magnetometer Sensor	75411-C1927	Model G-822A, Sensor S/N C1927	Geometrics
RA Antenna - KING	13954		Bendix/King

Equipment List

Part	Serial No.	Description	Manufacturer
RA Antenna - TRT	22983	S67-2002	Thomson TRT Defense SA
RA Antenna - TRT	11779	S67-2002	Thomson TRT Defense SA
RA Antenna - TRT	22984	S67-2002	Thomson TRT Defense SA
RA Transceiver - KING	16665	Radar Altimeter, Model KRA 10A	Bendix/King
RA Transceiver - KING	18494	Radar Altimeter, Model KRA 10A	Bendix/King
RA Transceiver - TRT	1127	Radar Altimeter, Model ERT-530A	Thomson TRT Defense SA
RA Transceiver - TRT	3575	Radar Altimeter, Model ERT-530A	Thomson TRT Defense SA
RA Transceiver - TRT	1225	Radar Altimeter, Model ERT-530A	Thomson TRT Defense SA
RA Transceiver - TRT	1078	Radar Altimeter, Model ERT-530A	Thomson TRT Defense SA
RA Transceiver - TRT	10014	Radar Altimeter, Model ERT-530A	Thomson TRT Defense SA
RA Transceiver - TRT	10422	Radar Altimeter, Model ERT-530A	Thomson TRT Defense SA
RA Transceiver - TRT	9800	Radar Altimeter, Model ERT-530A	Thomson TRT Defense SA
SGRef Station	M-SGREF-54	CPCI ground station - 28Vdc input	SGL
SGRef Station	M-SGREF-56	CPCI ground station - 28Vdc input	SGL
Spectrometer	8326	GR 820 Gamma Ray Spectrum Processor	Exploranium
Spectrometer	8254	GR 820 Gamma Ray Spectrum Processor	Exploranium
Spectrometer	8250	GR 820 Gamma Ray Spectrum Processor	Exploranium
Spectrometer detector 5-pack	2623	GPX-1024/256	Exploranium
Spectrometer detector 5-pack	2669	GPX-1024/256	Exploranium
Spectrometer detector 5-pack	2533	GPX-1024/256	Exploranium
Spectrometer detector 5-pack	2655	GPX-1024/256	Exploranium
Spectrometer detector 5-pack	2664	GPX-1024/256	Exploranium
Spectrometer detector 5-pack	2645	GPX-1024/256	Exploranium

Equipment List

Part	Serial No.	Description	Manufacturer
Spectrometer detector 5-pack	2609	GPX-1024/256	Exploranium
Spectrometer detector 5-pack	2538R	GPX-1024/256	Exploranium
Spectrometer detector 5-pack	2632	GPX-1024/256	Exploranium
Video Camera	V14H19290NTSC	Bullet video camera	Bad Wolf Technologies

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Appendix V





GEOPHYSICAL SURVEY AIRCRAFT

Cessna 208B Grand Caravan

Registration	C-GSGW	C-GSGY	C-GSGZ	C-GSGL	C-GSGV	C-GSGU	C-GSGJ	C-GSGA
Serial #	208B0646	208B0600	208B0493	208B0783	208B0524	208B0747	208B1187	208B1228

The Cessna 208B Grand Caravan is an all metal, high wing, single-engine aircraft powered by a Pratt & Whitney Canada PT6A-114A engine. This engine drives a constant speed, fully feathering, reversible propeller. The aircraft has fixed gear, extendable flaps and manually adjustable trim tabs on the primary controls for the roll and pitch axis and full rudder trim for the yaw axes. The aircraft is equipped with full de-icing equipment and sufficient avionics for instrument flying including a flight control system and weather radar. Supplementary fuel can be added for transoceanic flight. The Caravan is certified for IFR flights in known icing conditions.



GEOPHYSICAL SURVEYING

SGL aircraft have a rigid aluminum and composite material 3 m tail stinger designed to accommodate the magnetometer sensor. The stinger can be easily removed and the aircraft returned to its original configuration. There is a camera hole in the belly of the aircraft and provisions for other survey and navigation systems.

The Cessna Grand Caravan uses the extremely reliable Pratt & Whitney Canada PT6 turbine engine. These engines have recorded tens of millions of hours of flight time and with virtually no in-flight engine stoppages due to mechanical failure. Over 2,000 Caravans are in use around the world. Because the Caravan has one engine, fixed landing gear, and no single engine control speed limitations, it is considered an easy and very safe aircraft to fly. The PT6 turbine engine provides ample power for climbing over terrain, working at altitudes up to 7,000 m and can withstand frequent rapid power changes. The low stall speeds and abundant available power, mean that the Caravan is a safe and effective aircraft for surveys which require low airspeeds, drape flying over rough topography, or flights at high altitudes.

CESSNA 208B GRAND CARAVAN SPECIFICATIONS

Crew Capacity:

- 2 pilots, 1 operator (optional)

Fuselage:

- semi-monocoque

Wings:

- strut braced, high wing
- outboard ailerons with spoiler and trim tab

Tail:

- conventional stabilizers
- elevator and rudder with trim tabs

Power Plant:

- Pratt & Whitney Canada PT6A-114A, 675 shp, free-turbine gas engine, overhaul 4,600 hours
- three-blade, fully-feathering, constant-speed, reversible propeller, overhaul 4,000 hours or 10 years

Systems:

- dual flight controls with IFR instruments and avionics
- 2 axis autopilot
- weather radar
- full airframe and propeller de-icing

Dimensions:

Wing span	52 ft 1in	16.11 m
Exterior length	41 ft 7 in	12.68 m
Exterior height	15 ft 5.5 in	4.72 m
Interior usable length	15 ft 10 in	4.83 m
Interior usable width	5 ft 4 in	1.63 m
Interior height	4 ft 6 in	1.37 m
Usable fuel capacity (with survey tank)	519 US gal	2,011 l

Weights:

Empty	4,237 lb	1,926 kg
Maximum take-off	9,062 lb	4,119 kg

Performance (2000 ft ASL, standard day, maximum take-off weight, 1900 rpm, 1375 ft-lb tq):

Range, maximum range power (plus reserve)	1,450 nm	2,685 km
Cruise speed at maximum range power	155 kt	287 km/h
Fuel flow at maximum range power	50 US gal/h	189 l/h
Stall airspeed, landing configuration	61 kt	113 km/h
Service ceiling	25,000 ft	7,620 m
Minimum required runway length	2,500 ft	765 m
Rate of climb	975 ft/min	297 m/min
Maximum sustained climb gradient	650 ft/nm	107 m/km

Type of Aviation Fuel: Jet A, A-1, B, JP-1, 4, 5, 8

Maximum Endurance: 8 hours plus 1 hour reserve at maximum range power

GEOPHYSICAL CAPABILITIES

AIRGrav, SGL airborne gravimeter

Magnetic total field

Tri-axial magnetic gradient

Gamma-ray spectrometer, up to 63 litres (3,840 in^3) of detector crystals

SGMethane, methane gas sensing

Additional Features:

- Tail stinger, 3 m long, 21 cm in diameter, capable of housing a 5.5 kg sensor
- HF radio
- Video camera mount with 14 cm diameter glass covered opening in the belly of the aircraft
- Two instrument racks, standard 48 cm (19 in) width
- Radar altimeter, 0-3,000 m
- Electrical power capacity, 28 VDC at 200 amp
- Static inverters, 115 VAC - 400 Hz, 110 VAC - 60 Hz
- GPS receiver and antenna plus data link for real-time corrections
- Cabin fuel tank certified for a normal production flying

SGL

Appendix VI



Table 1: Magnetometer 1 heading test – Flight 9002

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGW	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 9, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	901.00	-146.5	-0.10
S	901.01	-146.9	-0.45
E	9001.01	-146.0	0.39
W	9001.00	-146.1	0.33
N	901.02	-146.2	0.19
S	901.03	-146.2	0.22
E	9001.03	-146.2	0.16
W	9001.02	-147.1	-0.74
	Average	-146.4	
	Average North-South Heading Error	0.16 nT	
	Average East-West Heading Error	0.48 nT	

Table 2: Magnetometer 1 heading test – Flight 9201

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGL	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 15, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	921.02	-58.1	0.60
S	921.01	-59.4	-0.66
E	9201.02	-59.0	-0.21
W	9201.01	-59.1	-0.34
N	921.04	-58.2	0.54
S	921.03	-59.2	-0.47
E	9201.04	-58.4	0.30
W	9201.03	-58.5	0.24
	Average	-58.7	
	Average North-South Heading Error	1.14 nT	
	Average East-West Heading Error	0.09 nT	

Table 3: Magnetometer 1 heading test – Flight 9301

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGV	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 20, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	106.02	-70.6	0.32
S	106.01	-71.3	-0.41
E	1619.02	-70.9	0.02
W	1619.01	-70.8	0.09
N	106.04	-70.6	0.37
S	106.03	-71.2	-0.32
E	1619.04	-70.8	0.08
W	1619.03	-71.1	-0.15
	Average	-70.9	
	Average North-South Heading Error	0.71 nT	
	Average East-West Heading Error	0.08 nT	

Table 4: Magnetometer 2 heading test – Flight 9002

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGW	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 9, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	901.00	-49.7	-0.08
S	901.01	-50.1	-0.50
E	9001.01	-49.4	0.28
W	9001.00	-49.3	0.34
N	901.02	-49.3	0.36
S	901.03	-49.6	0.05
E	9001.03	-49.5	0.17
W	9001.02	-50.2	-0.61
	Average	-49.6	
	Average North-South Heading Error	0.36 nT	
	Average East-West Heading Error	0.36 nT	

Table 5: Magnetometer 2 heading test – Flight 9201

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGL	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 15, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	921.02	-56.7	0.57
S	921.01	-57.9	-0.62
E	9201.02	-57.5	-0.24
W	9201.01	-57.6	-0.32
N	921.04	-56.8	0.50
S	921.03	-57.7	-0.45
E	9201.04	-57.1	0.21
W	9201.03	-57.0	0.34
	Average	-57.3	
	Average North-South Heading Error	1.07 nT	
	Average East-West Heading Error	-0.02 n	

Table 6: Magnetometer 2 heading test – Flight 9301

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGV	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 20, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	106.2	-67.0	0.45
S	106.1	-67.9	-0.48
E	1619.02	-67.6	-0.24
W	1619.01	-67.1	0.31
N	106.4	-66.9	0.46
S	106.3	-67.8	-0.37
E	1619.04	-67.6	-0.21
W	1619.03	-67.3	0.08
	Average	-67.4	
	Average North-South Heading Error	0.88 nT	
	Average East-West Heading Error	-0.42 nT	

Table 7: Magnetometer 3 heading test – Flight 9002

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGW	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 9, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	901.00	-64.7	-0.10
S	901.01	-64.9	-0.29
E	9001.01	-64.3	0.35
W	9001.00	-64.5	0.14
N	901.02	-64.5	0.18
S	901.03	-64.3	0.36
E	9001.03	-64.5	0.11
W	9001.02	-65.4	-0.74
	Average	-64.7	
	Average North-South Heading Error	0.01 nT	
	Average East-West Heading Error	0.53 nT	

Table 8: Magnetometer 3 heading test – Flight 9201

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGL	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 15, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	921.02	-59.6	0.49
S	921.01	-60.6	-0.47
E	9201.02	-60.2	-0.06
W	9201.01	-60.7	-0.54
N	921.04	-59.7	0.41
S	921.03	-60.4	-0.27
E	9201.04	-59.7	0.37
W	9201.03	-60.0	0.07
	Average	-60.1	
	Average North-South Heading Error	0.82 nT	
	Average East-West Heading Error	0.38 nT	

Table 9: Magnetometer 3 heading test – Flight 9301

Aircraft type :	Cessna 208B	Height flown:	1350 ft ASL
Registration :	C-GSGV	Magnetometer type :	Geometrics G-822A
Organization :	Sander Geophysics	Compensator:	SGL AIRComp
Date :	July 20, 2016	Sampling rate :	10/s
		Data acquisition system :	Sander SGDAS

Direction	Line #	Diurnally corrected mag	Variation from Average
N	106.02	-64.1	-0.05
S	106.01	-64.0	0.07
E	1619.02	-64.3	-0.20
W	1619.01	-63.8	0.26
N	106.04	-64.1	-0.06
S	106.03	-63.9	0.15
E	1619.04	-64.3	-0.22
W	1619.03	-64.0	0.05
	Average	-64.1	
	Average North-South Heading Error	-0.16 nT	
	Average East-West Heading Error	-0.36 nT	

SGL

Appendix VII



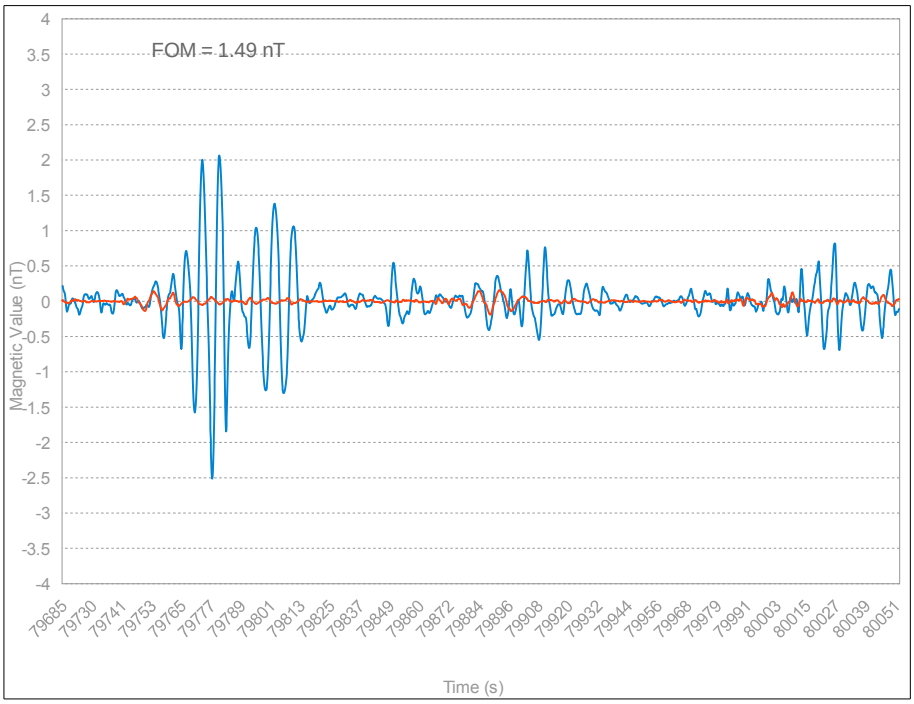


Figure 1: Magnetometer 1-Compensator Calibration - C-GSGL - Flt9201 - 15 July 2016

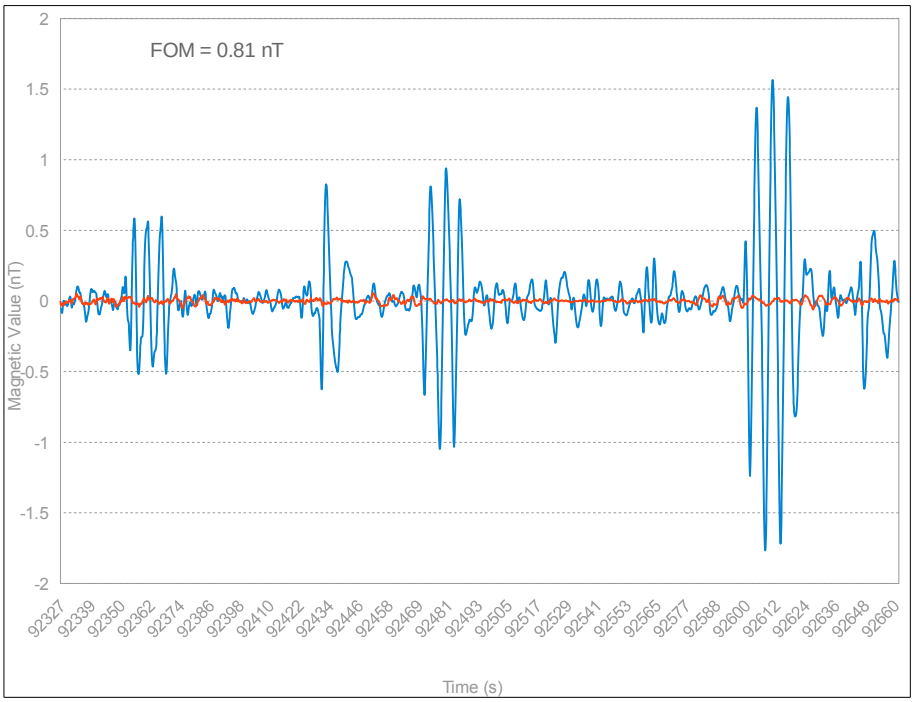


Figure 2: Magnetometer 1-Compensator Calibration 2 - C-GSGL - Flt2017 - 1 Aug 2016

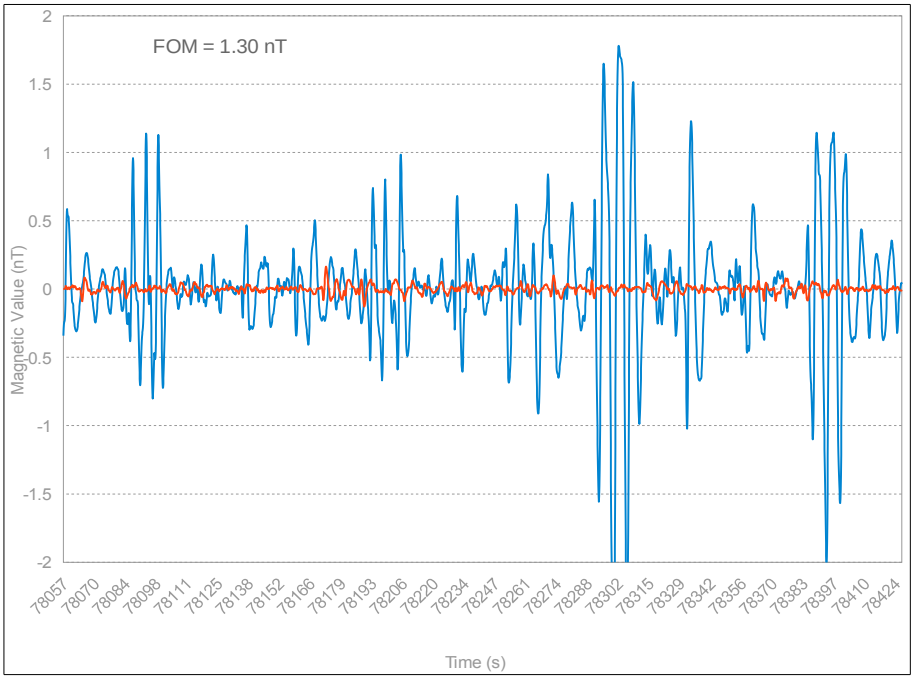


Figure 3: Magnetometer 1-Compensator Calibration 3- C-GSGL - Flt2025 - 11 Aug 2016

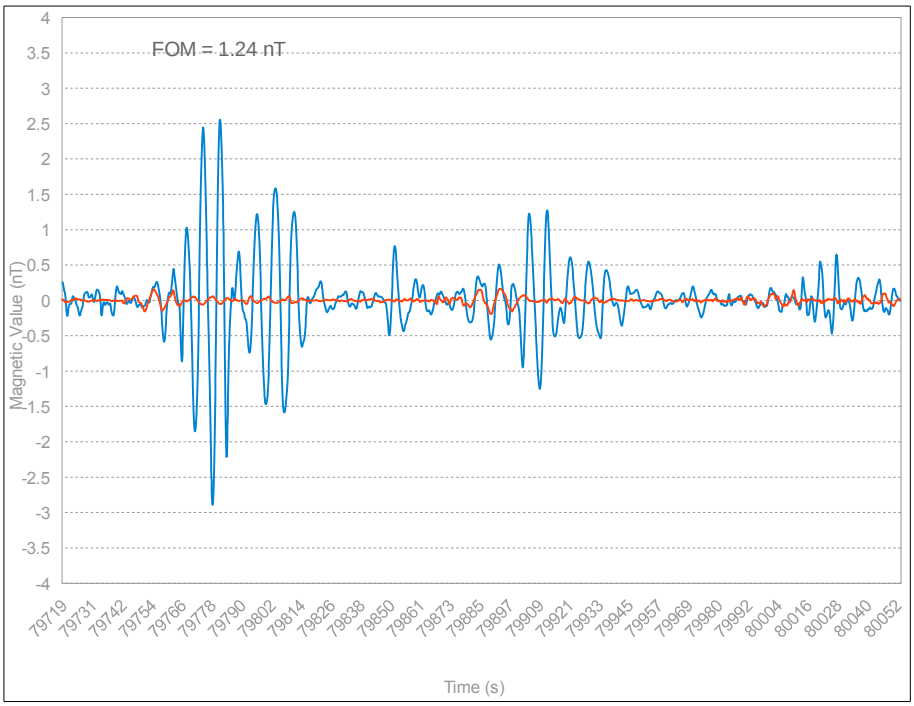


Figure 4: Magnetometer 2-Compensator Calibration - C-GSGL - Flt9201 - 15 July 2016

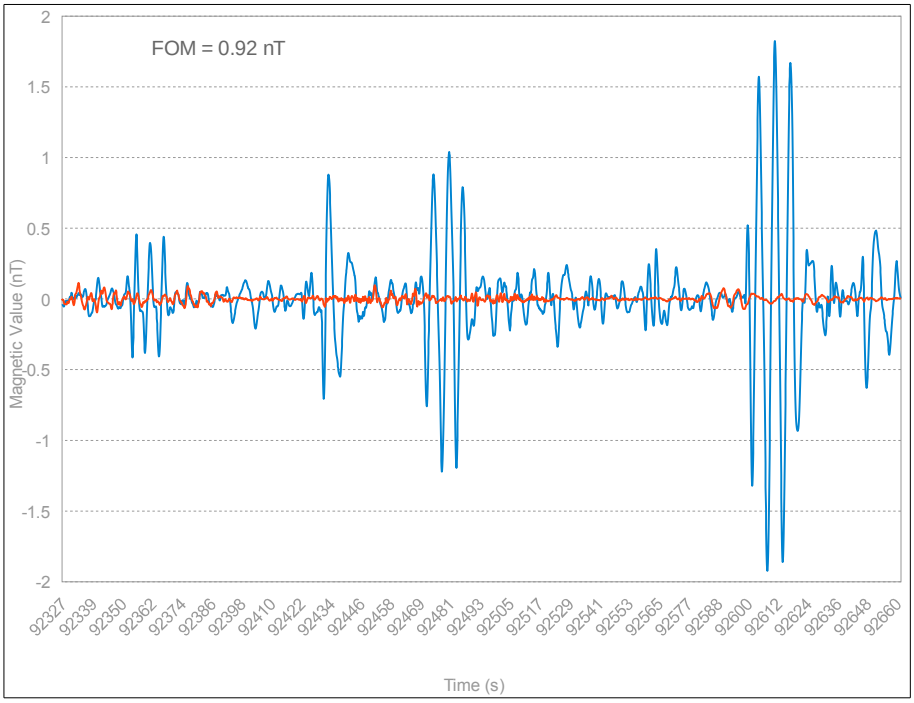


Figure 5: Magnetometer 2-Compensator Calibration 2 - C-GSGL - Flt2017 - 1 Aug 2016

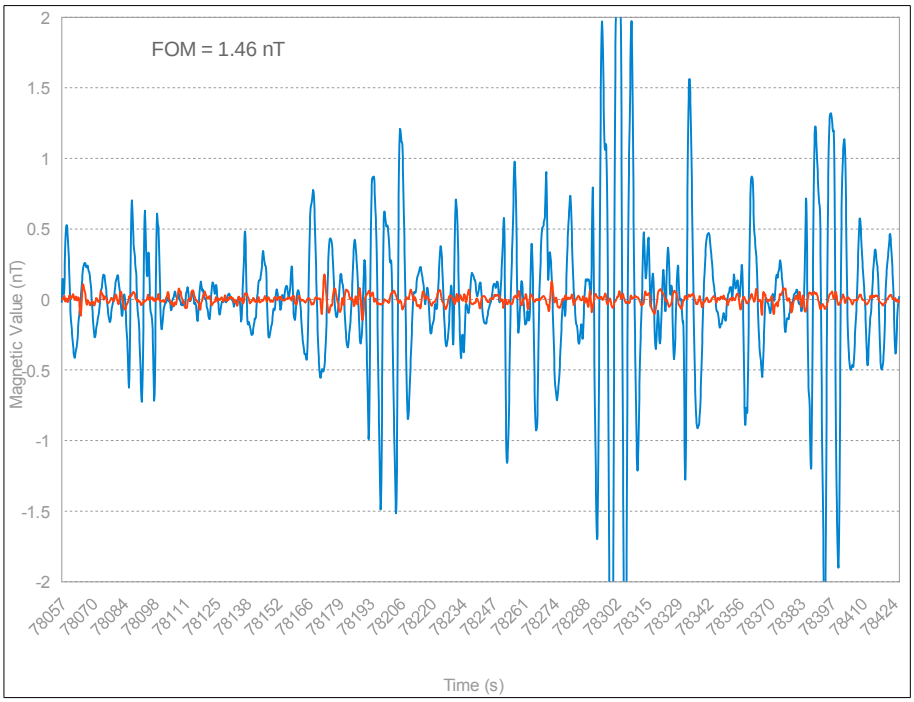


Figure 6: Magnetometer 2-Compensator Calibration 3 - C-GSGL - Flt2025 - 11 Aug 2016

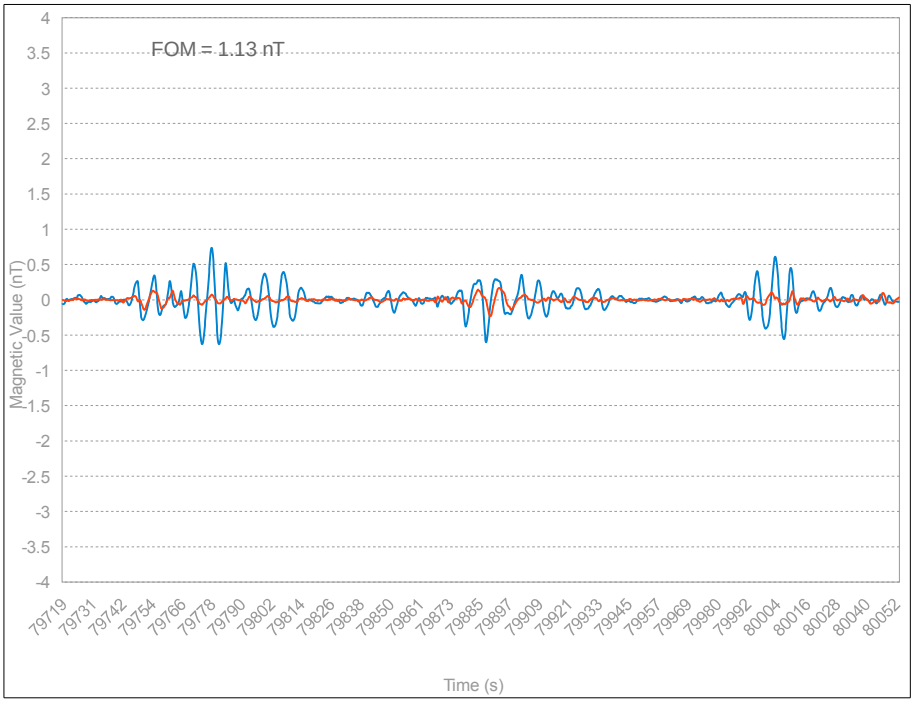


Figure 7: Magnetometer 3-Compensator Calibration -C-GSGL - Flt9201 - 15 July 2016

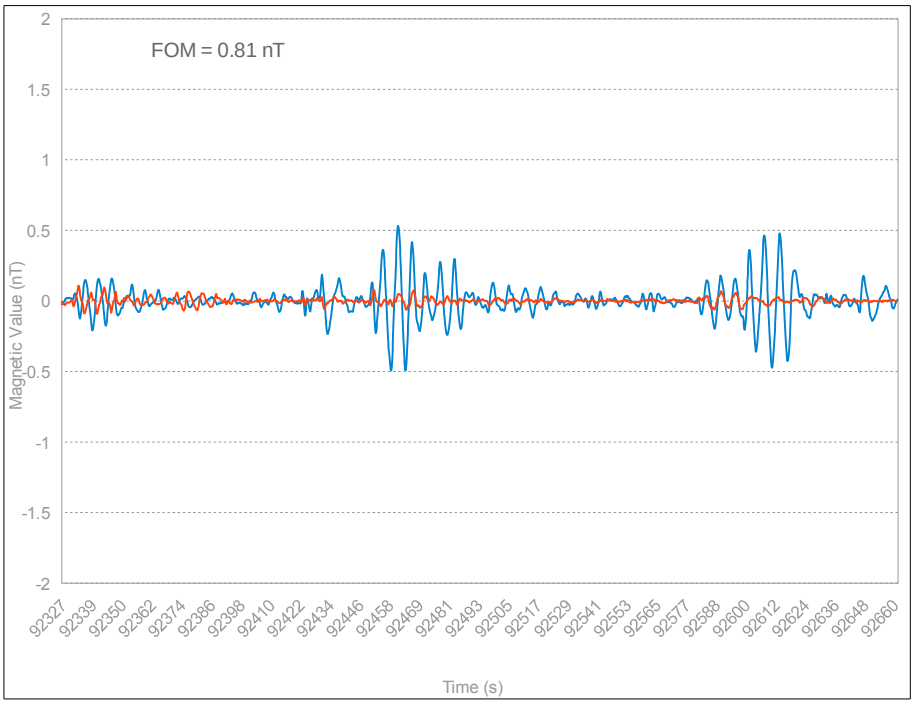


Figure 8: Magnetometer 3-Compensator Calibration 2 -C-GSGL - Flt2017 - 1 Aug 2016

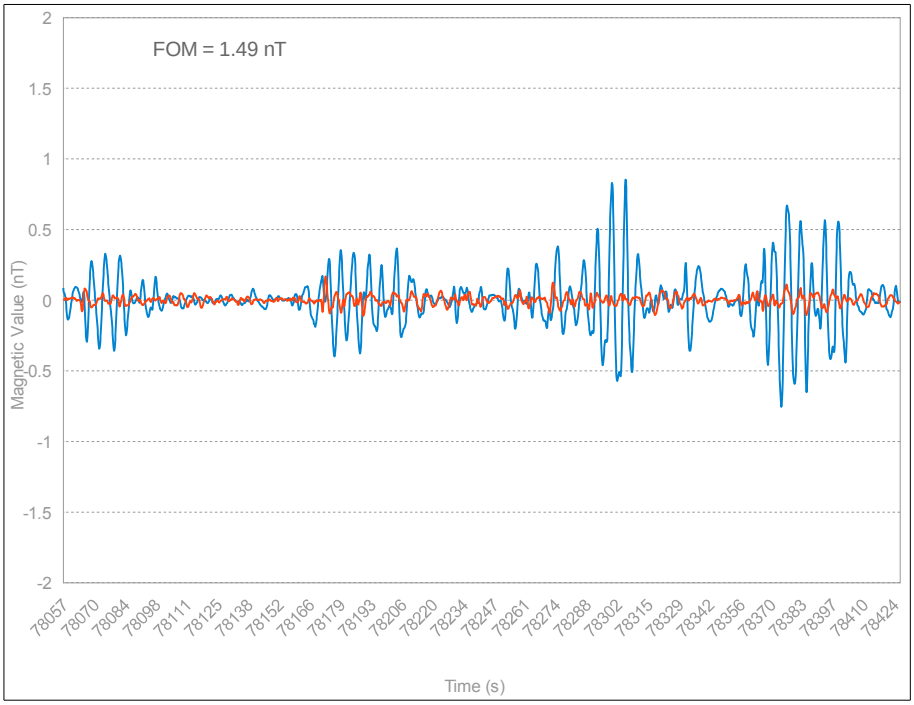


Figure 9: Magnetometer 3-Compensator Calibration 3-C-GSGL - Flt2025 - 11 Aug 2016

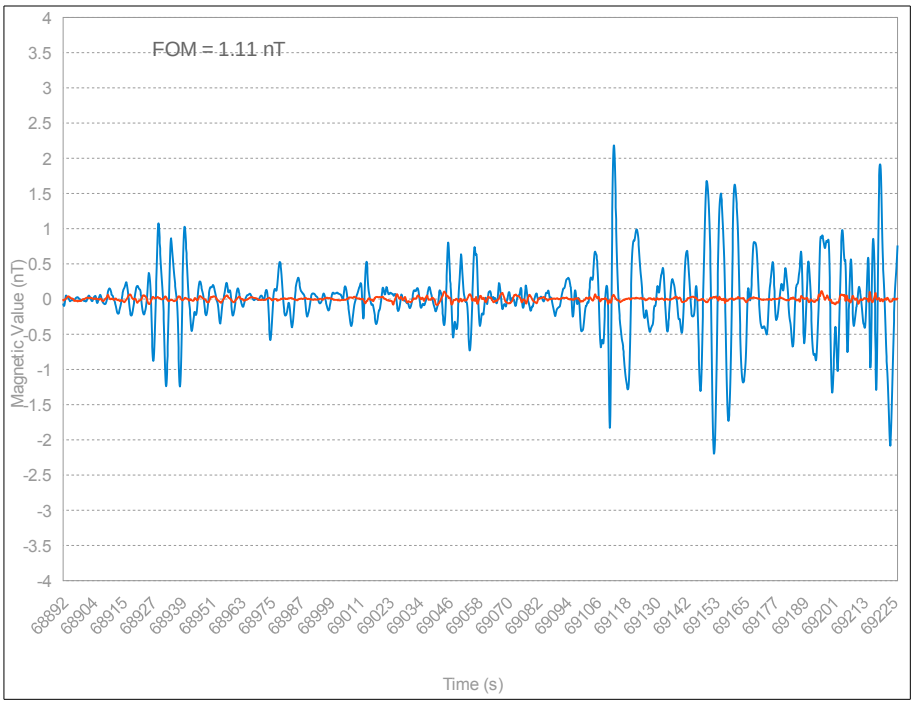


Figure 10: Magnetometer 1 Compensator Calibration - C-GSGV - Flt9302 - 20 July 2016

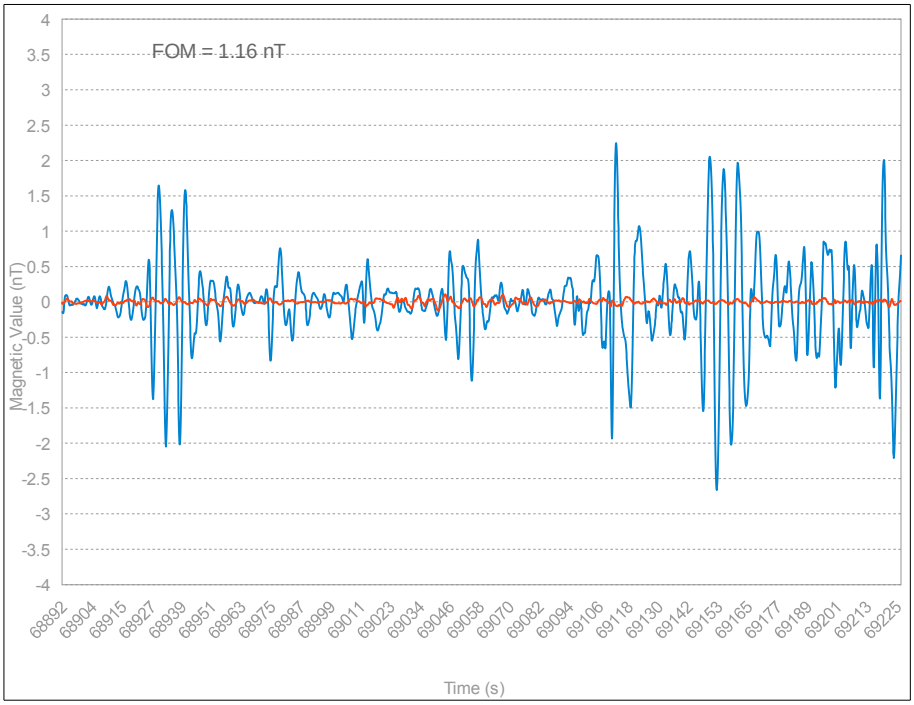


Figure 11: Magnetometer 2-Compensator Calibration - C-GSGV - Flt9302 - 20 July 2016

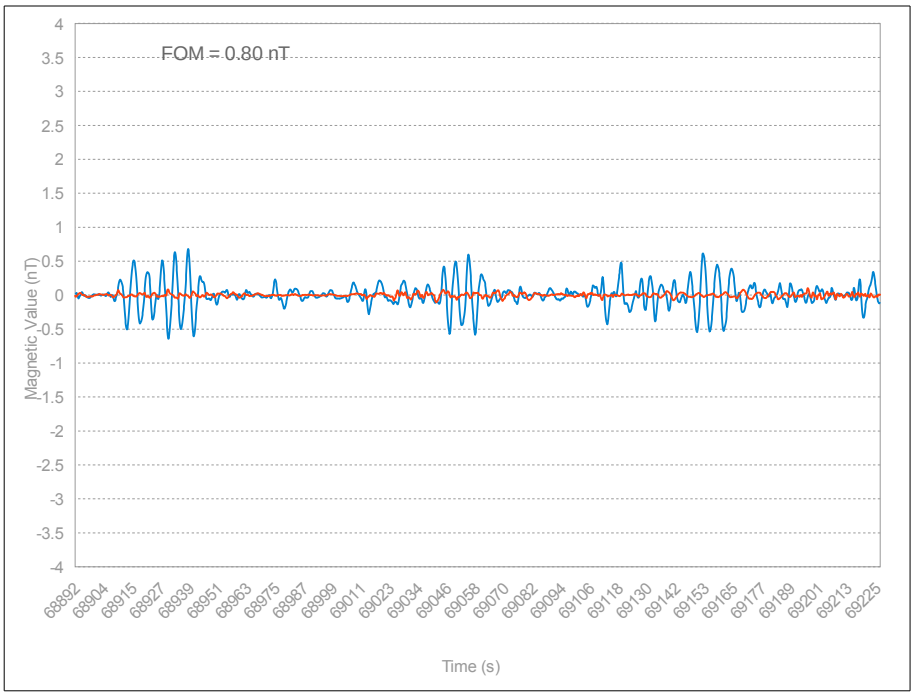


Figure 12: Magnetometer 3-Compensator Calibration - C-GSGV - Flt9302 - 20 July 2016

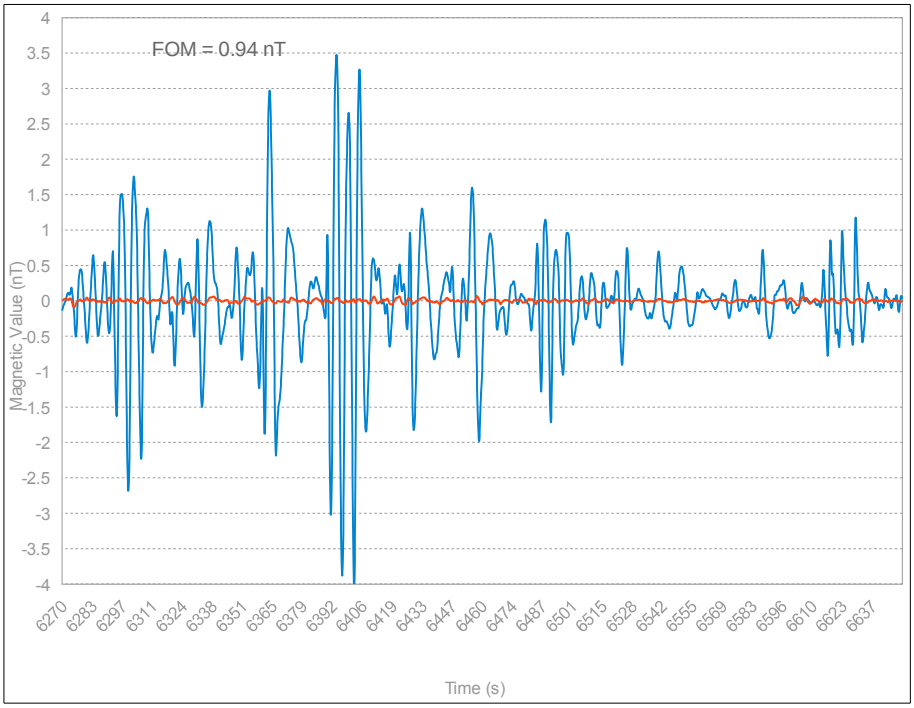


Figure 13: Magnetometer 1-Compensator Calibration - C-GSGV - Flt9303 - 20 July 2016

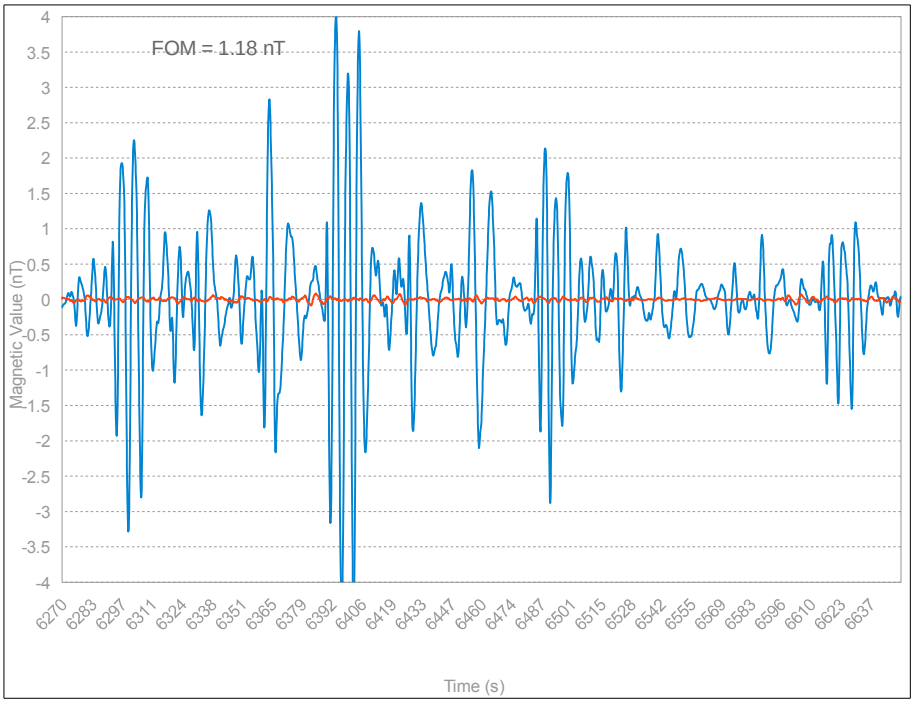


Figure 14: Magnetometer 2-Compensator Calibration - C-GSGV - Flt9303 - 20 July 2016

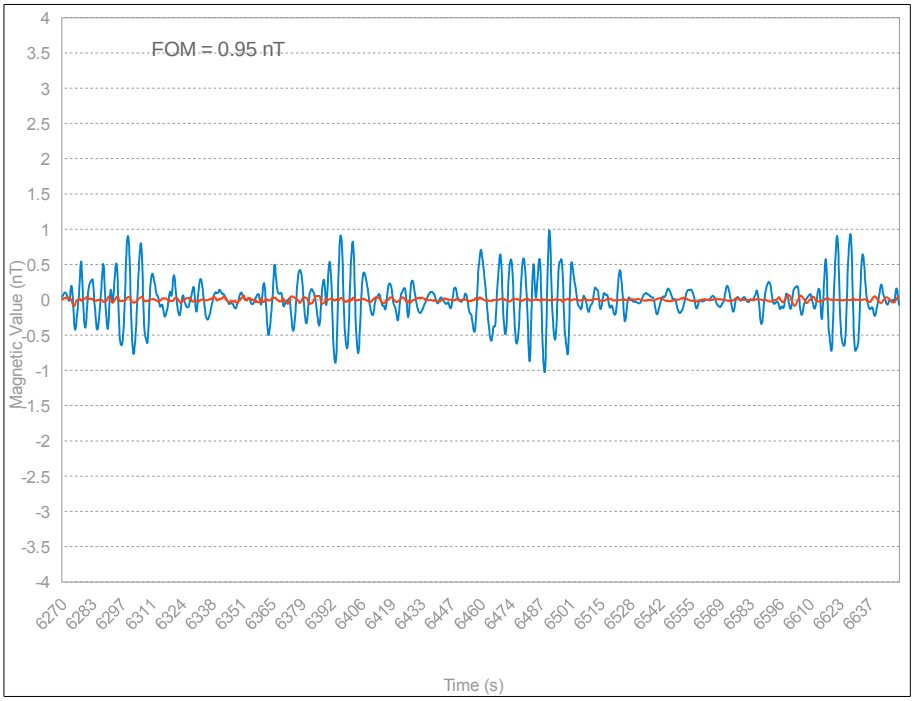


Figure 15: Magnetometer 3-Compensator Calibration -C-GSGV - Flt9303 - 20 July 2016

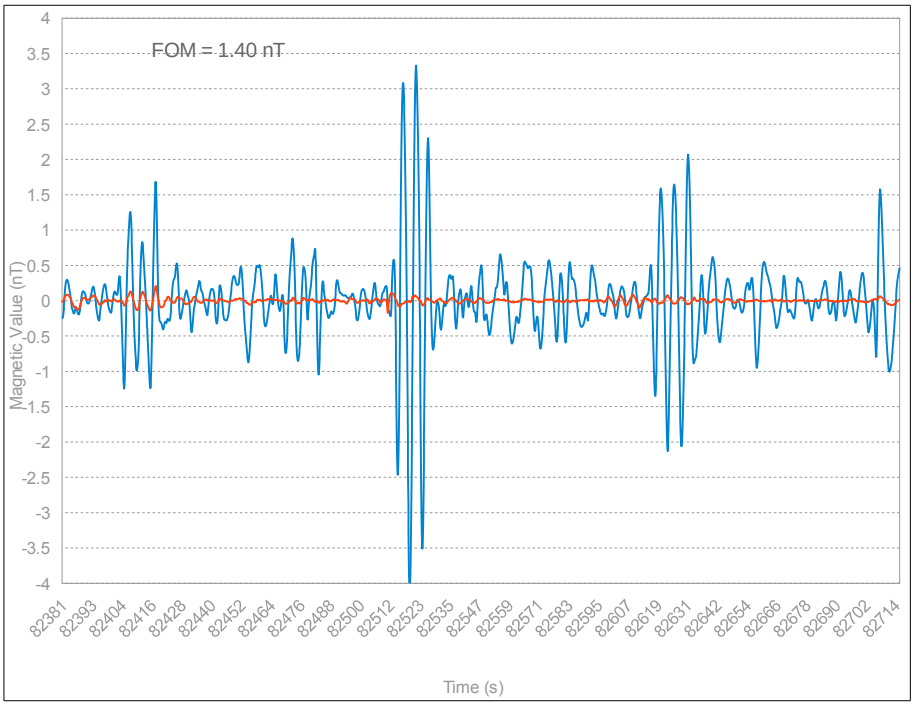


Figure 16: Magnetometer 1-Compensator Calibration - C-GSGW - Flt9002 - 09 July 2016

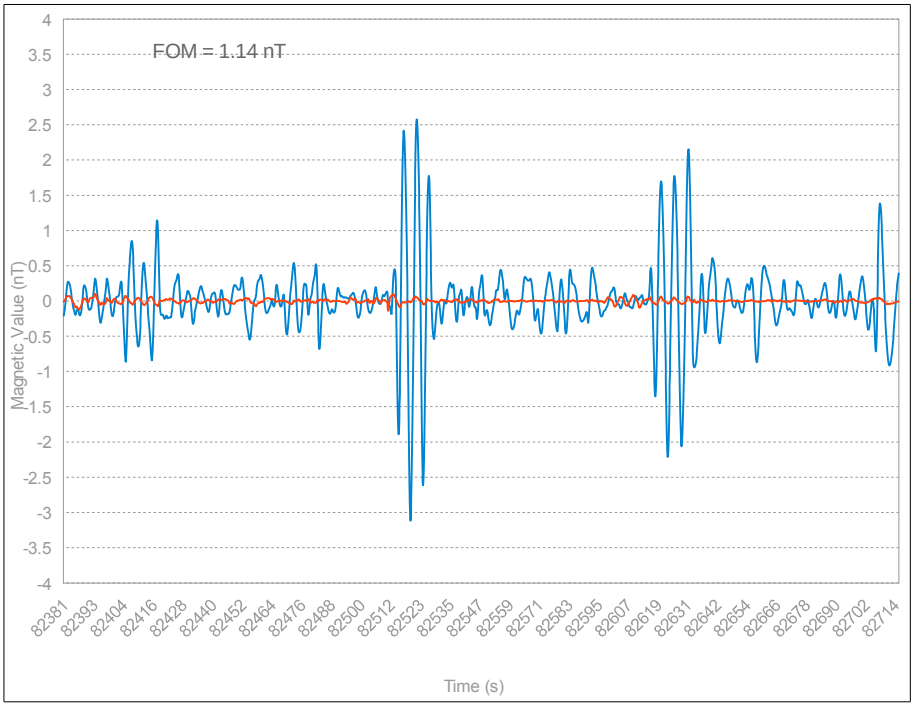


Figure 17: Magnetometer 2-Compensator Calibration - C-GSGW - Flt9002 - 09 July 2016

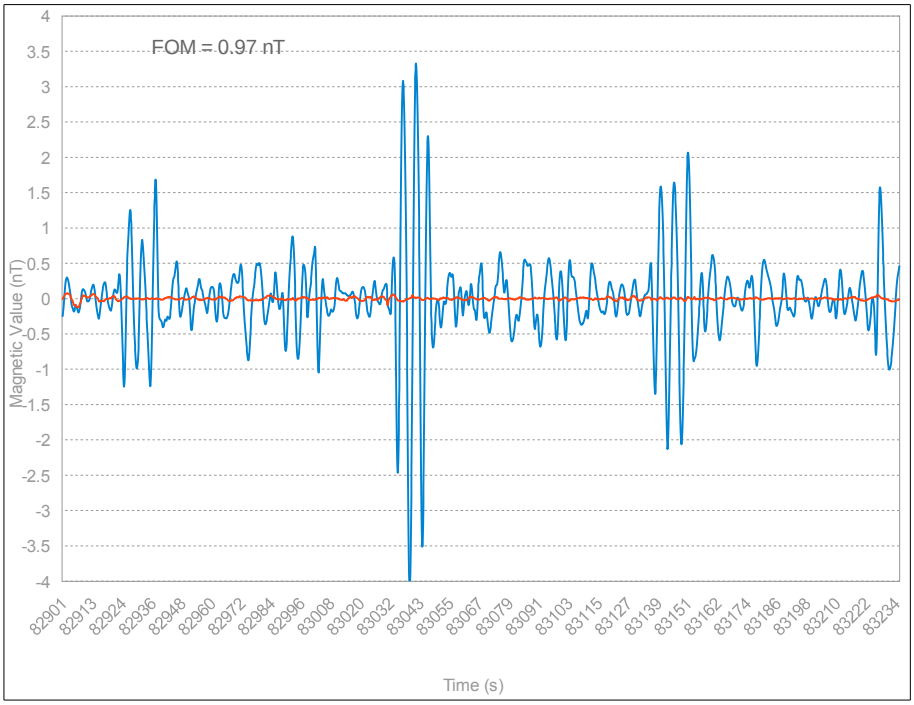


Figure 18: Magnetometer 3-Compensator Calibration - C-GSGW - Flt9002 - 09 July 2016

SGL

Appendix VIII



Note: Original and corrected data are offset in the vertical axis for clarity of display.

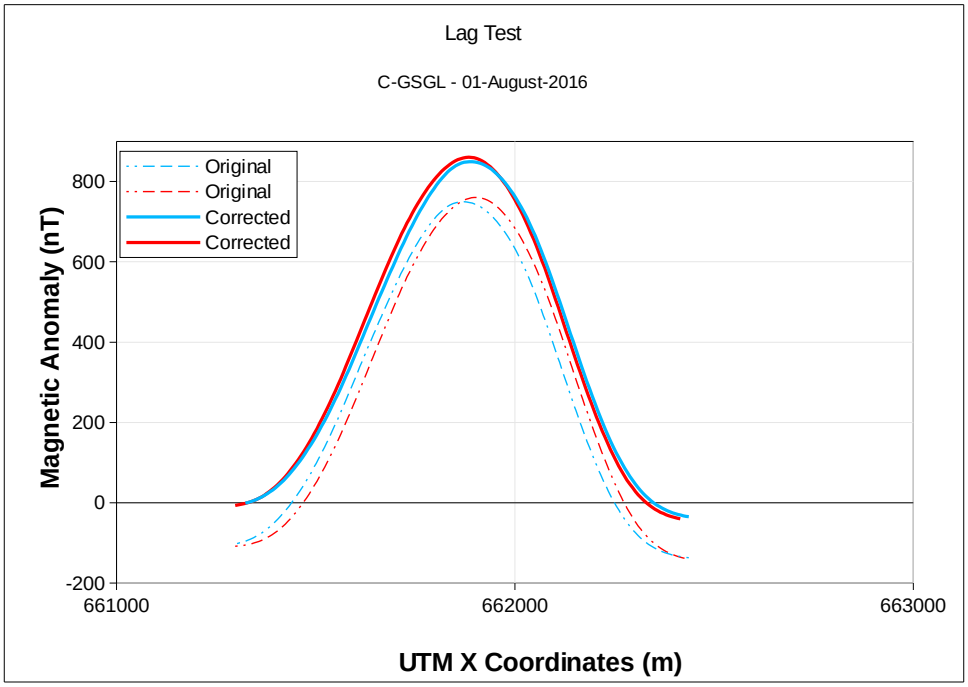


Figure 1: Magnetometer 1-Lag Test – C-GSGL - Flt 2018 – 01 Aug 2016

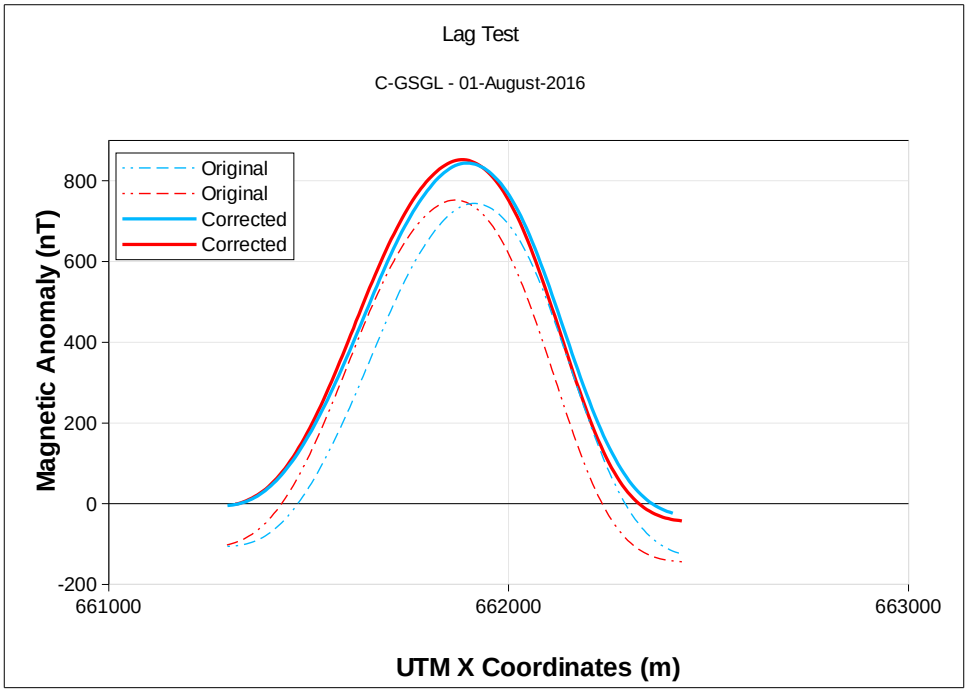


Figure 2: Magnetometer 2-Lag Test – C-GSGL - Flt 2018 – 01 Aug 2016

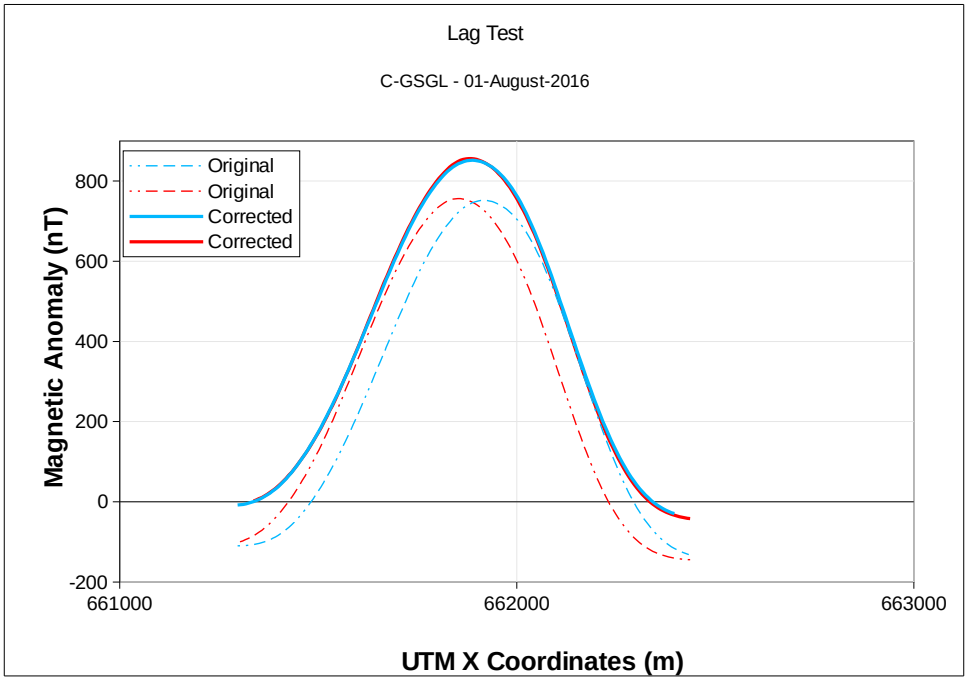


Figure 3: Magnetometer 3-Lag Test – C-GSGL - Flt 2018 – 01 Aug 2016

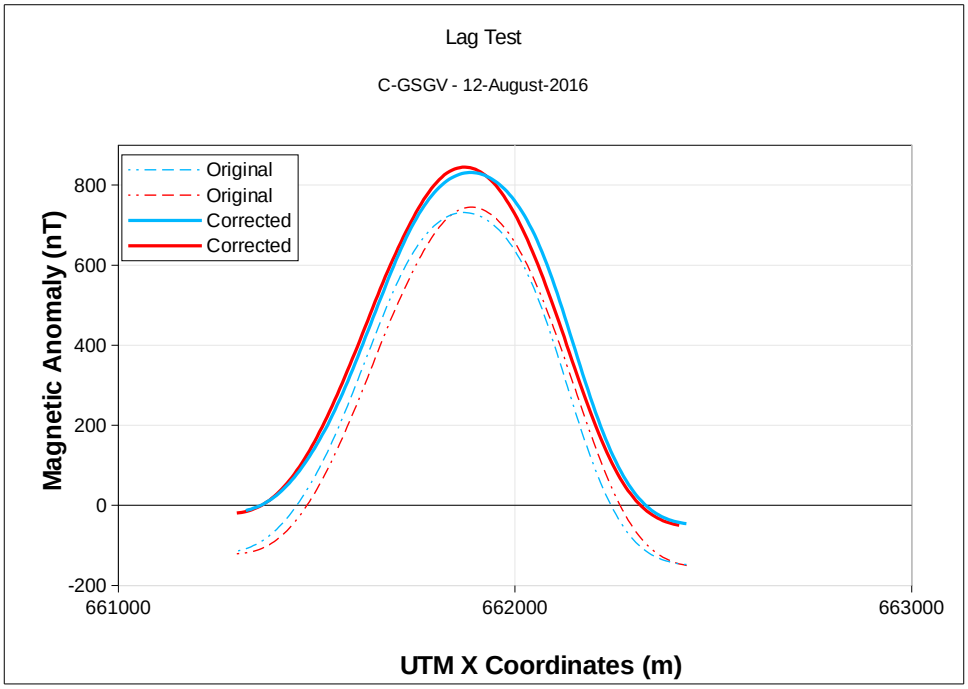


Figure 4: Magnetometer 1-Lag Test – C-GSGV - Flt 3004 – 12 Aug 2016

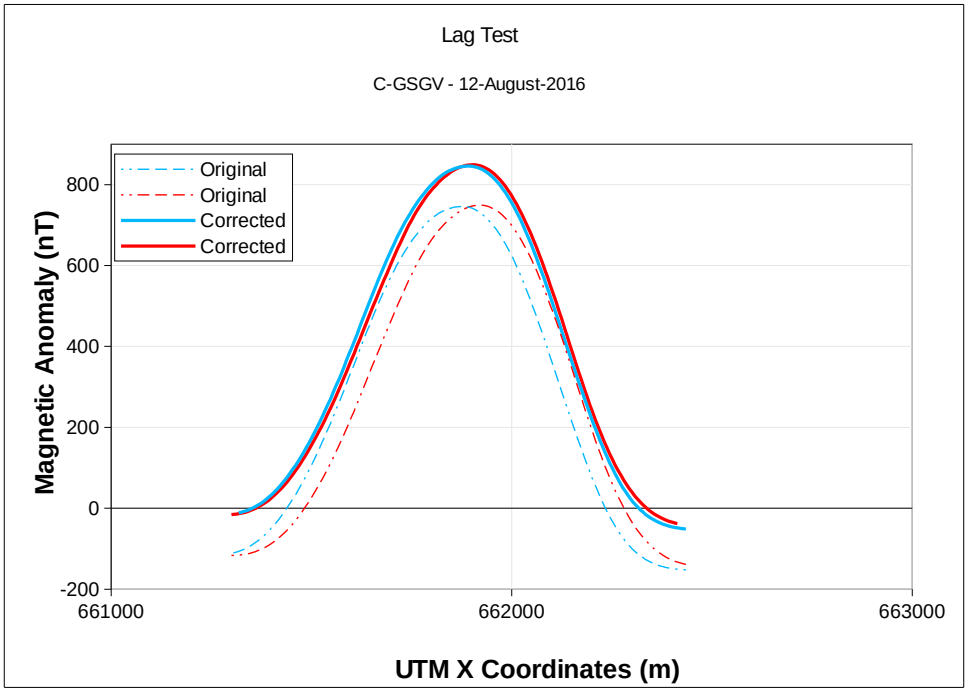


Figure 5: Magnetometer 2-Lag Test – C-GSGV - Flt 3004 – 12 Aug 2016

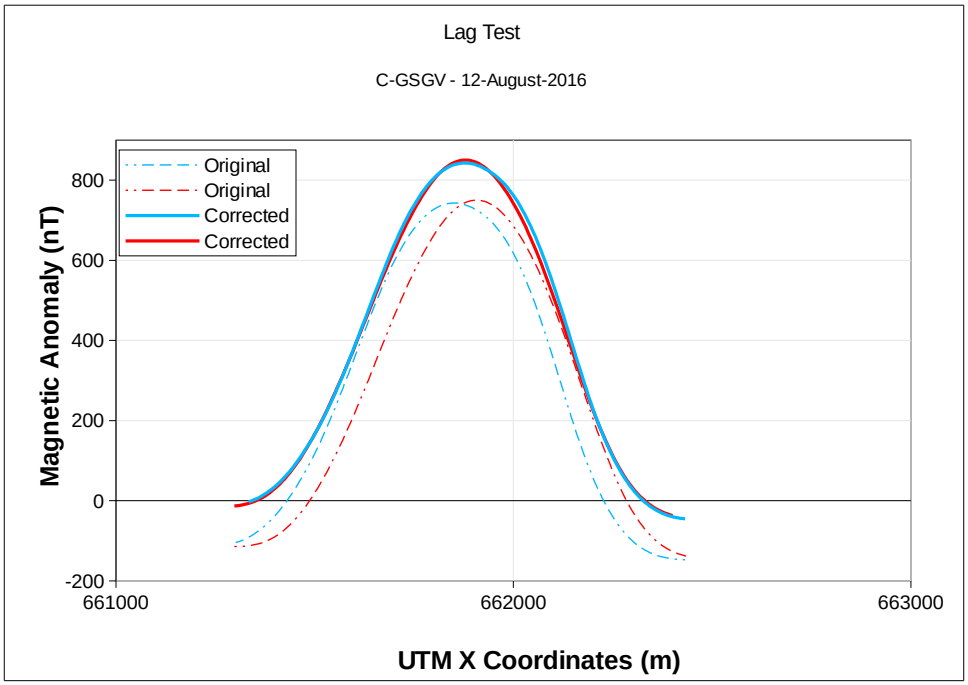


Figure 6: Magnetometer 3-Lag Test – C-GSGV - Flt 3004 – 12 Aug 2016

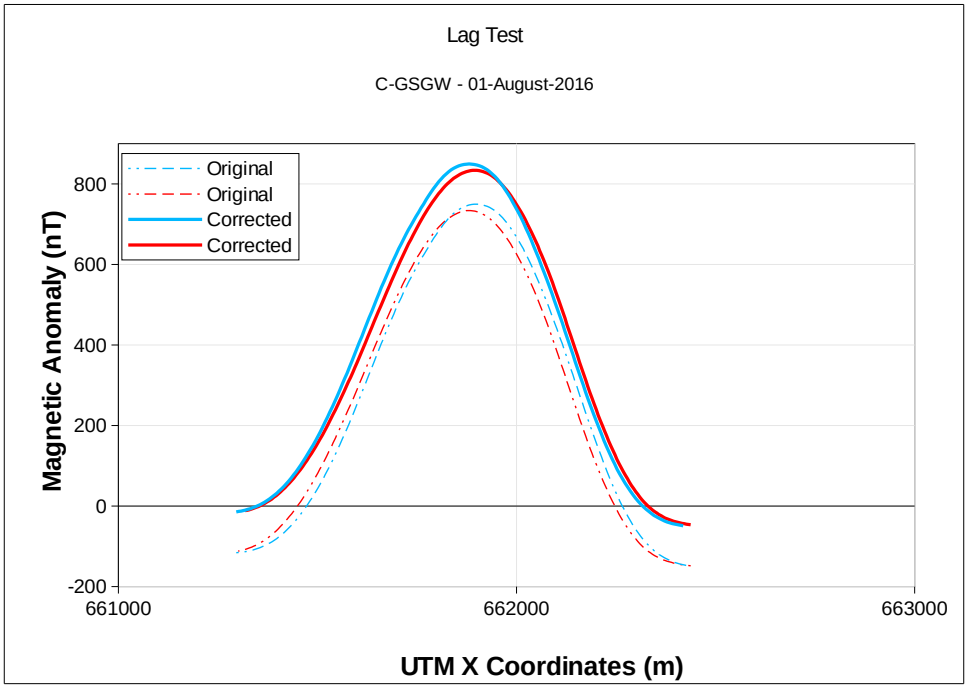


Figure 7: Magnetometer 1-Lag Test – C-GSGW – Flt 1022 – 01 Aug 2016

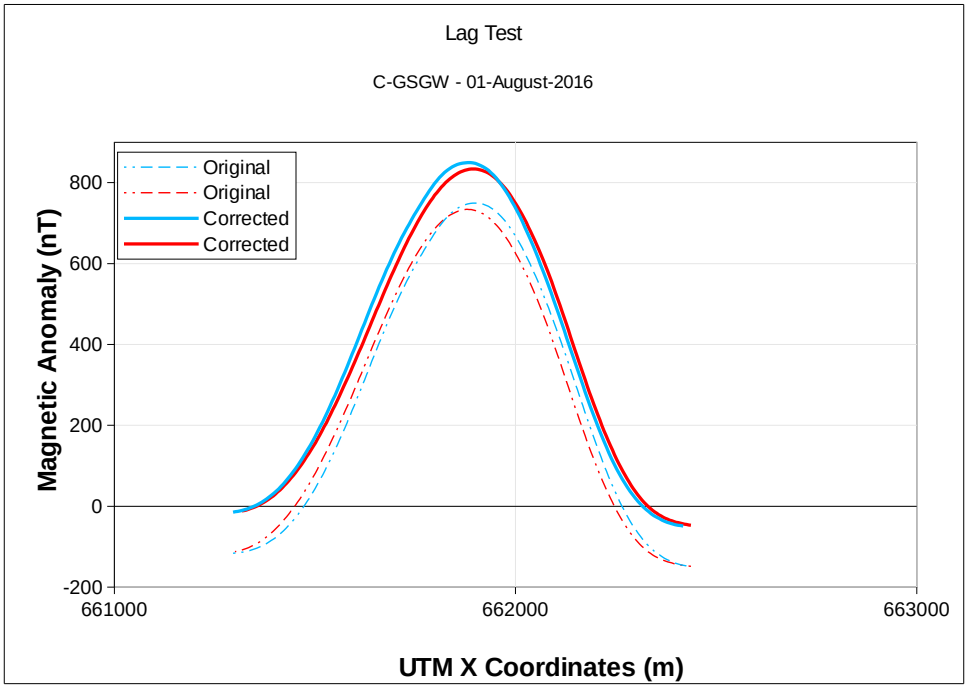


Figure 8: Magnetometer 2-Lag Test – C-GSGW – Flt 1022 – 01 Aug 2016

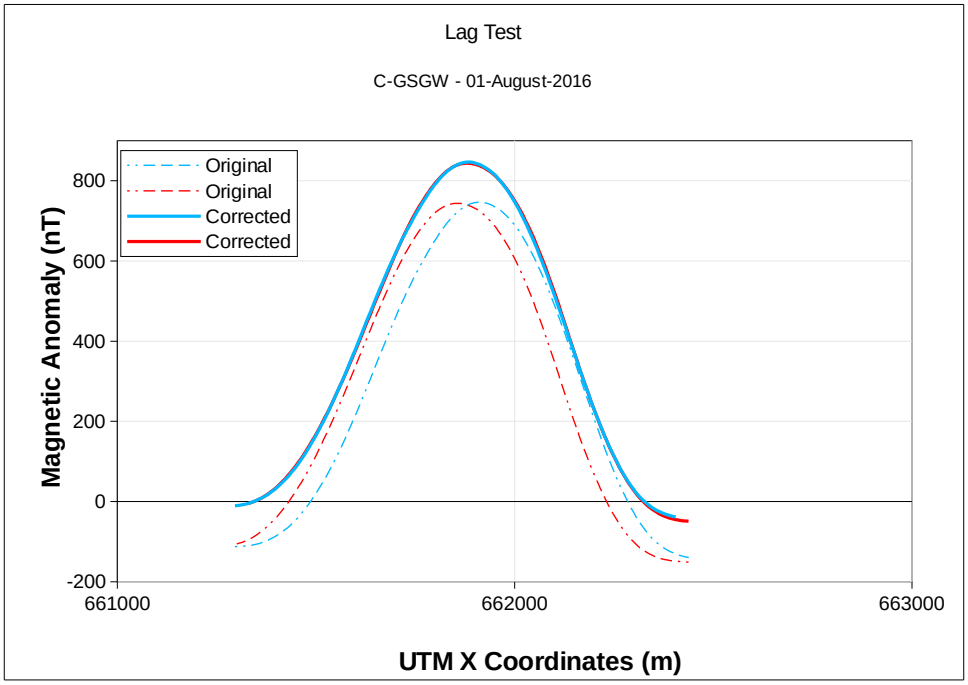


Figure 9: Magnetometer 3-Lag Test – C-GSGW – Flt 1022 – 01 Aug 2016

SGL

Appendix IX



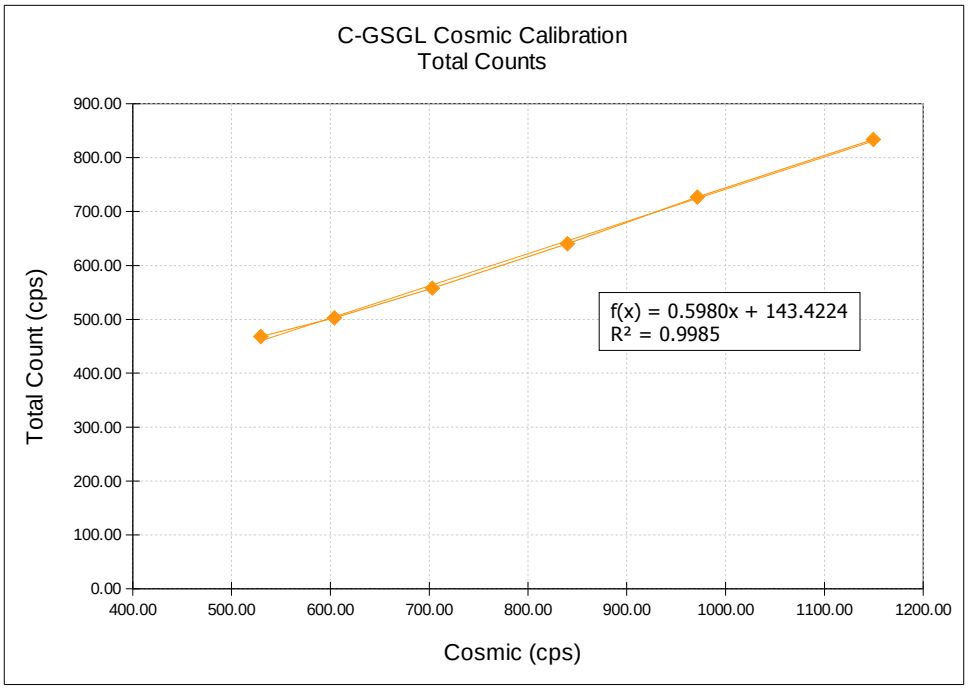


Figure 1: Total vs Cosmic test C-GSGL

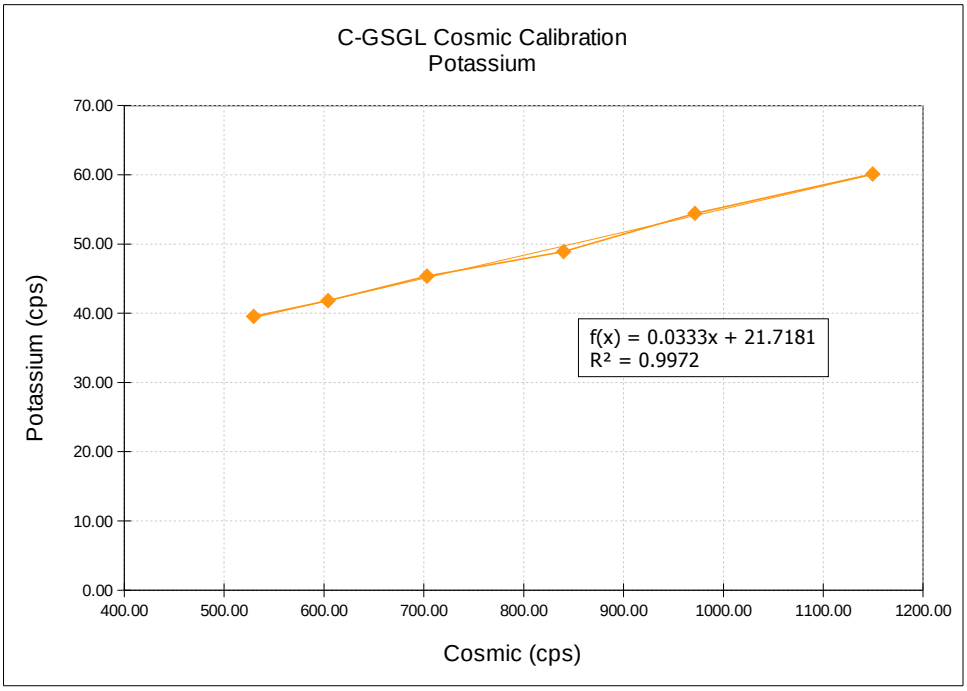


Figure 2: Potassium vs Cosmic test C-GSGL

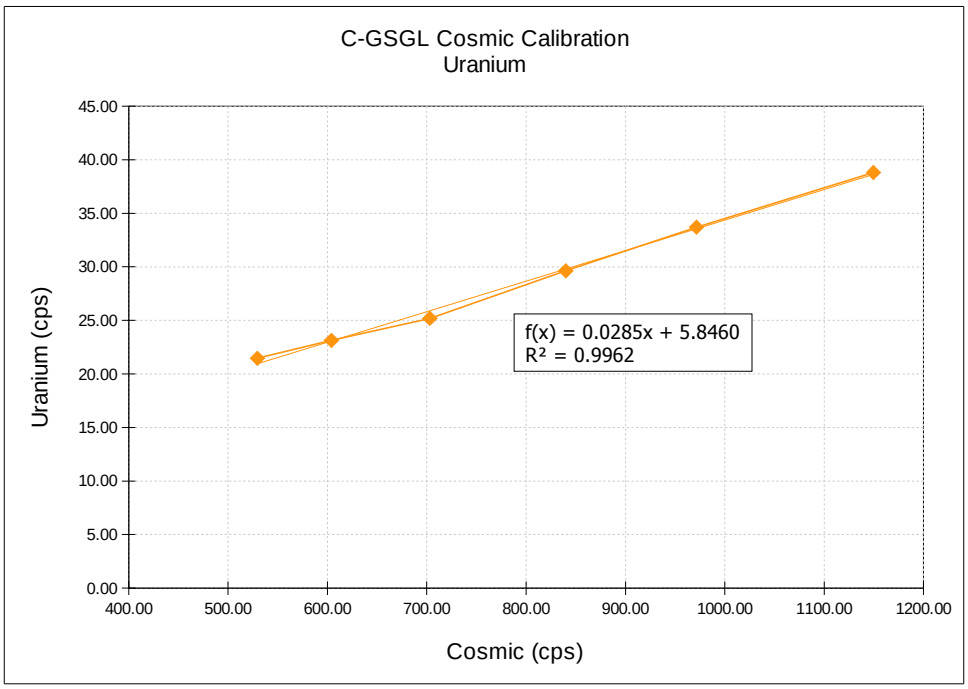


Figure 3: Uranium vs Cosmic test C-GSGL

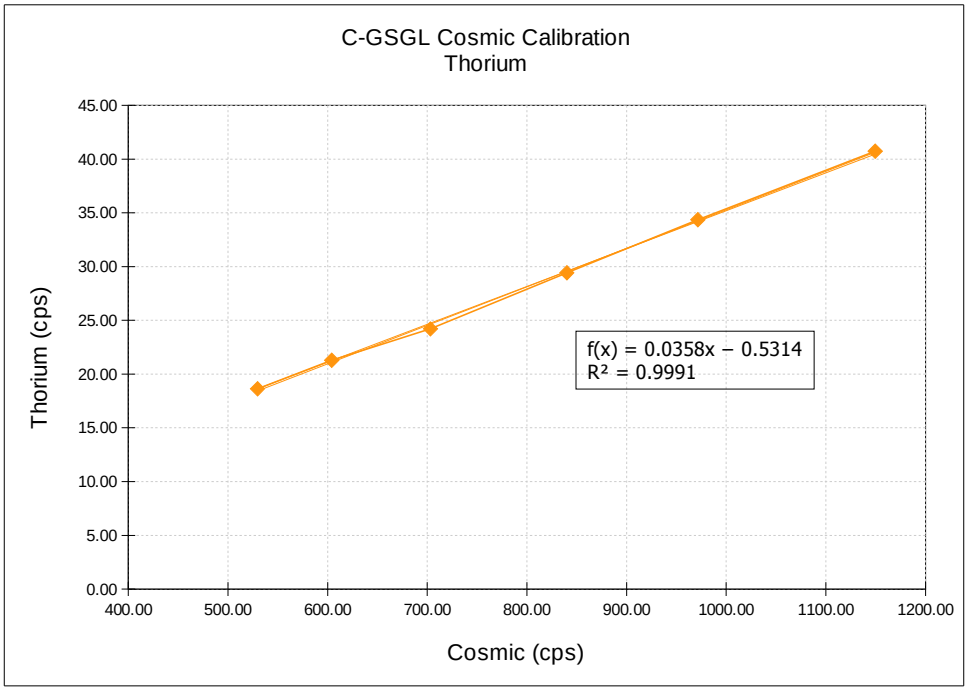


Figure 4: Thorium vs Cosmic test C-GSGL

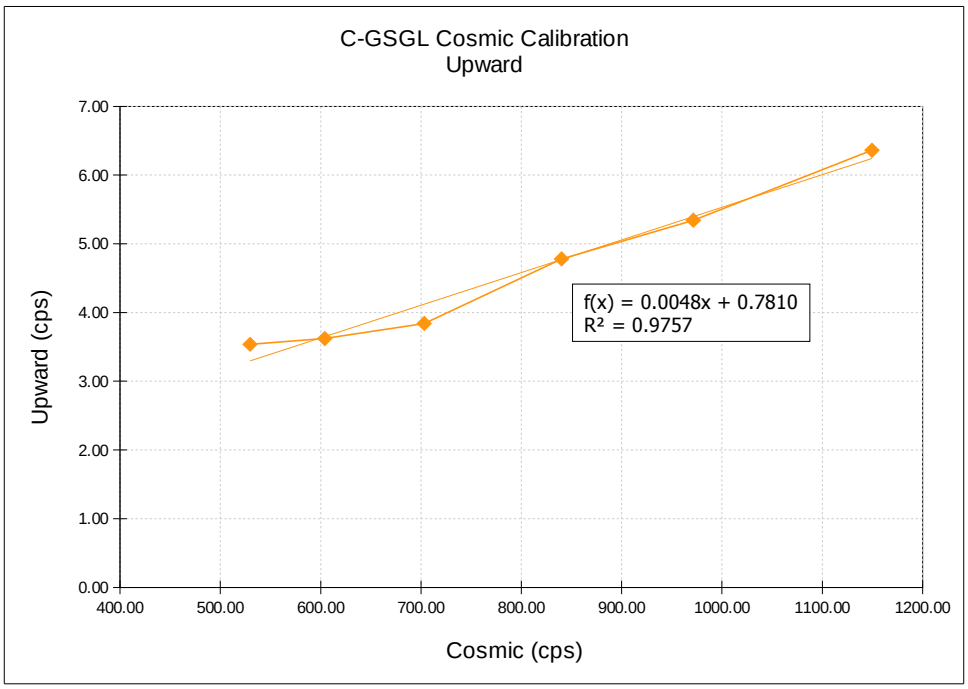


Figure 5: Upward vs Cosmic test C-GSGL

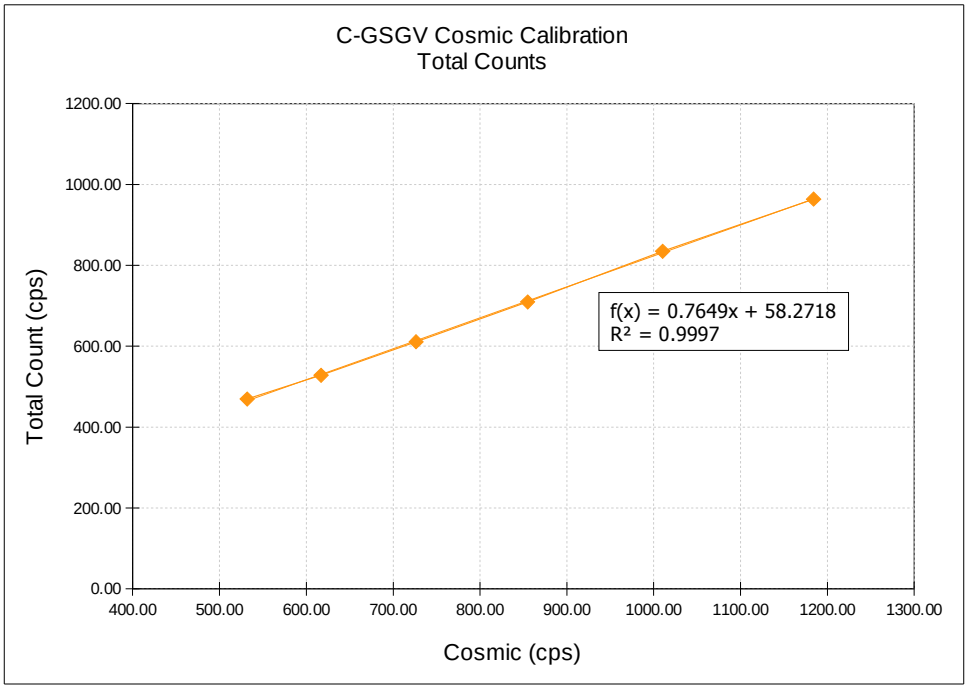


Figure 6: Total vs Cosmic test C-GSGV

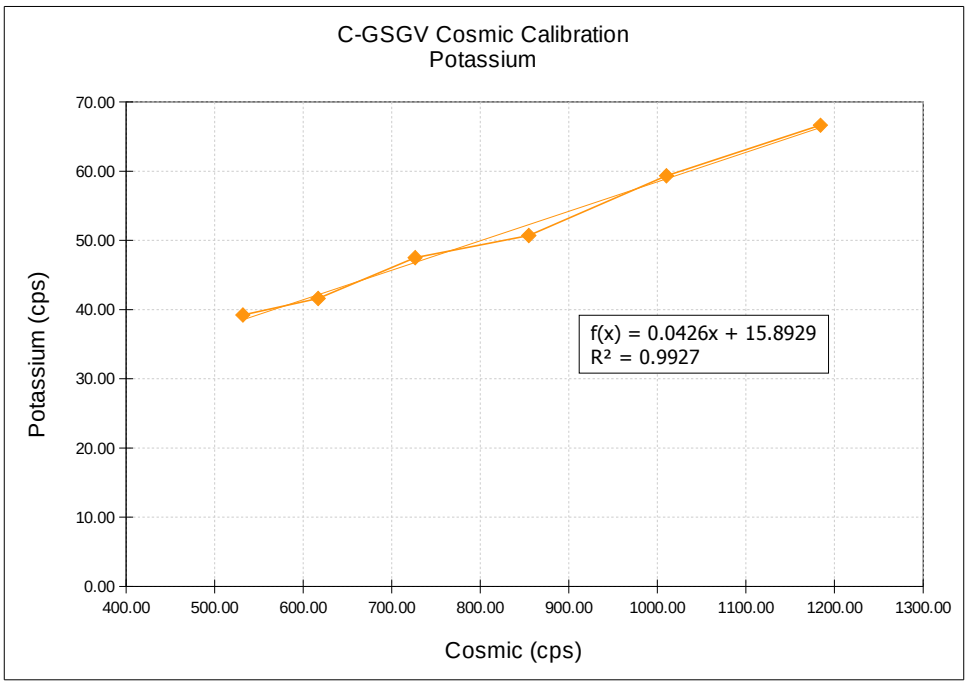


Figure 7: Potassium vs Cosmic test C-GSGV

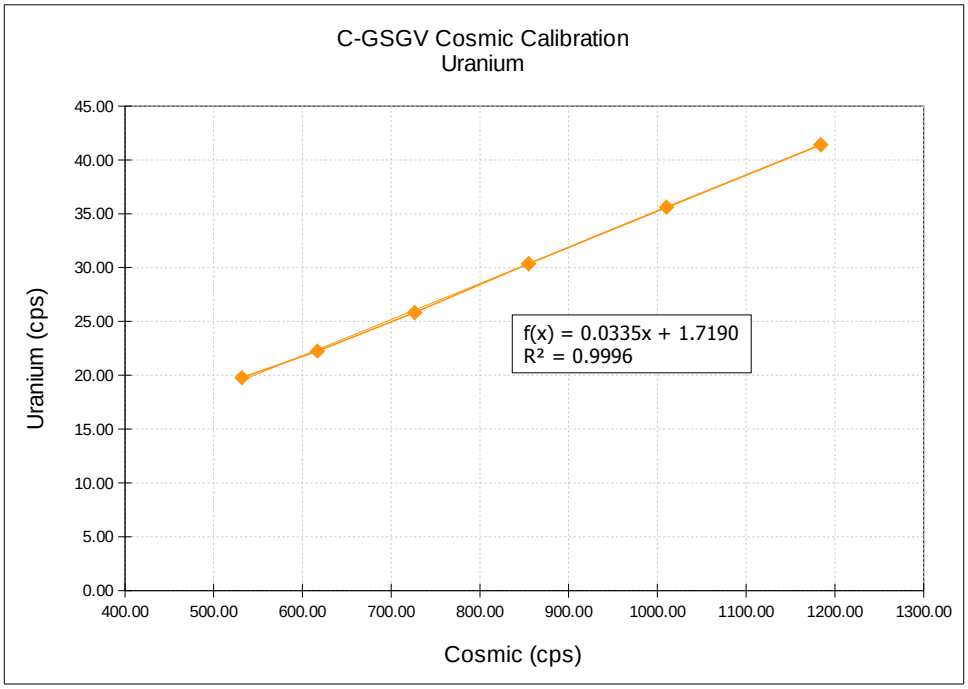


Figure 8: Uranium vs Cosmic test C-GSGV

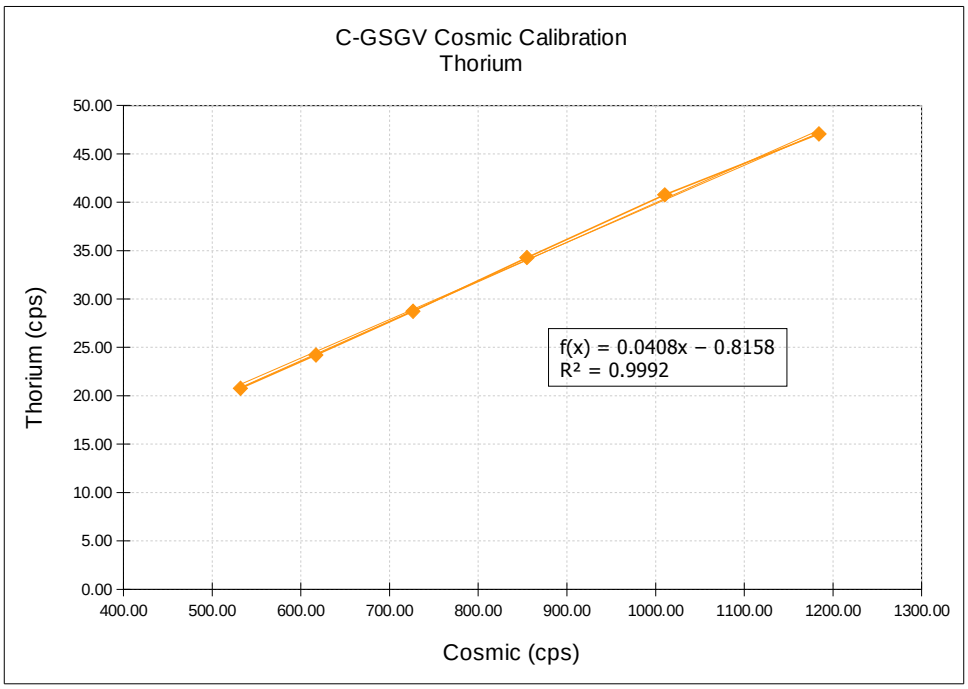


Figure 9: Thorium vs Cosmic test C-GSGV

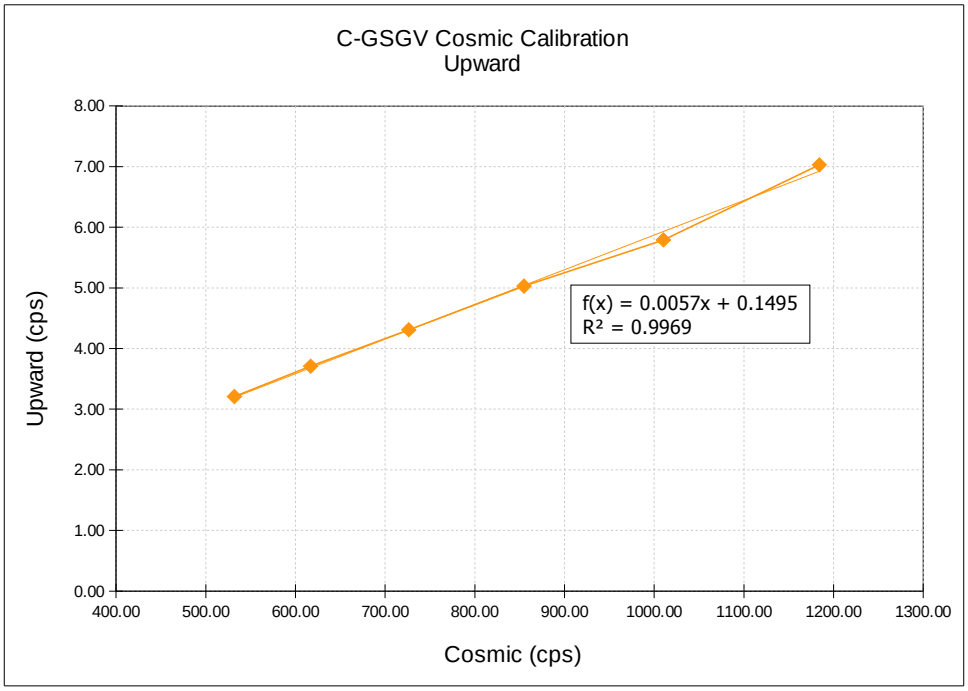


Figure 10: Upward vs Cosmic test C-GSGV

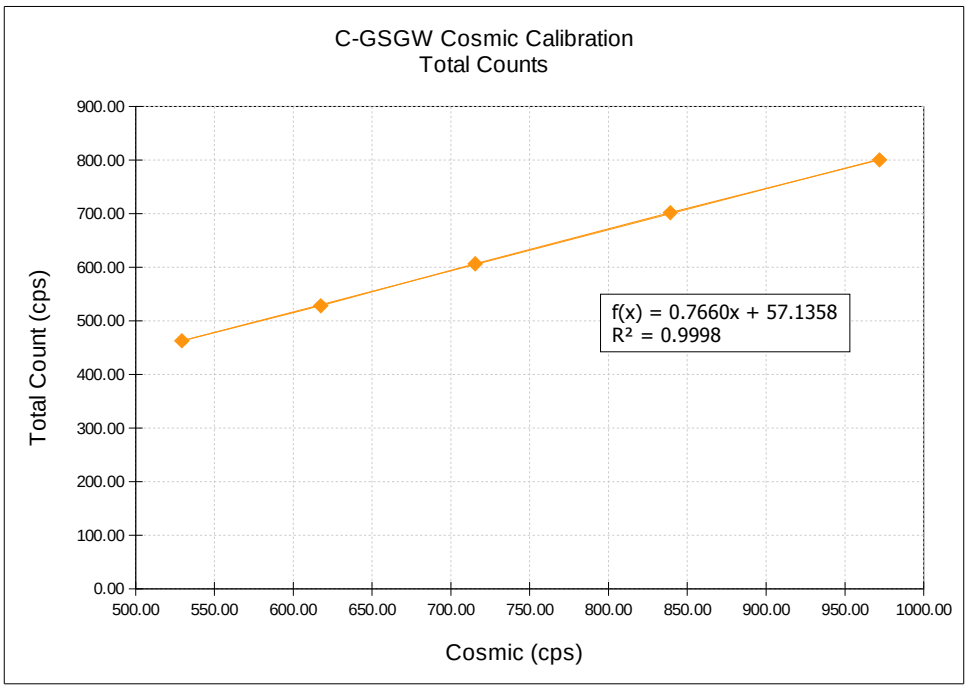


Figure 11: Total vs Cosmic test C-GSGW

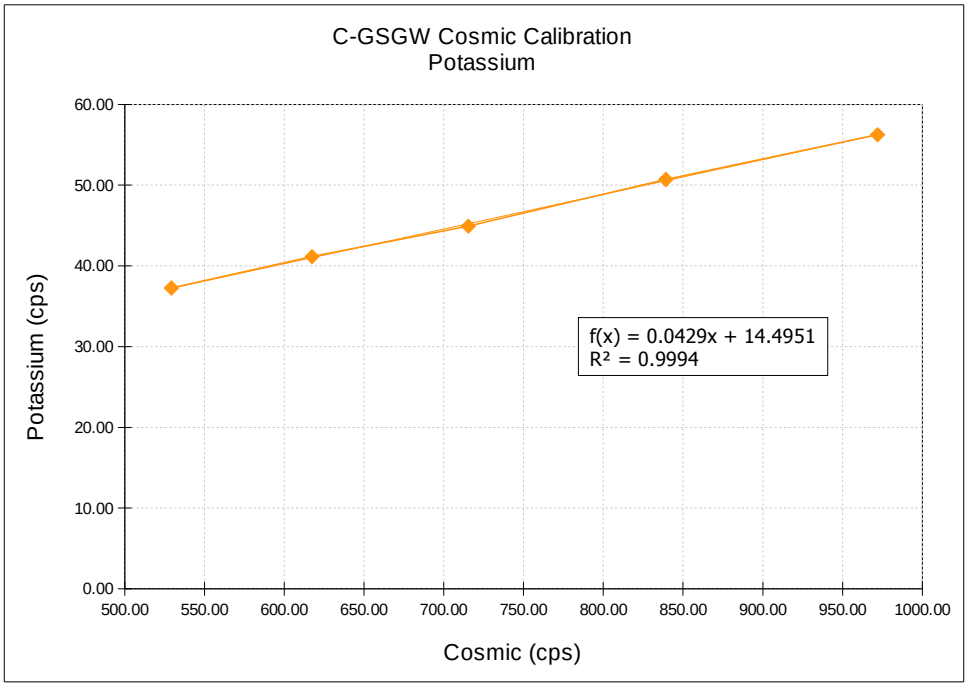


Figure 12: Potassium vs Cosmic test C-GSGW

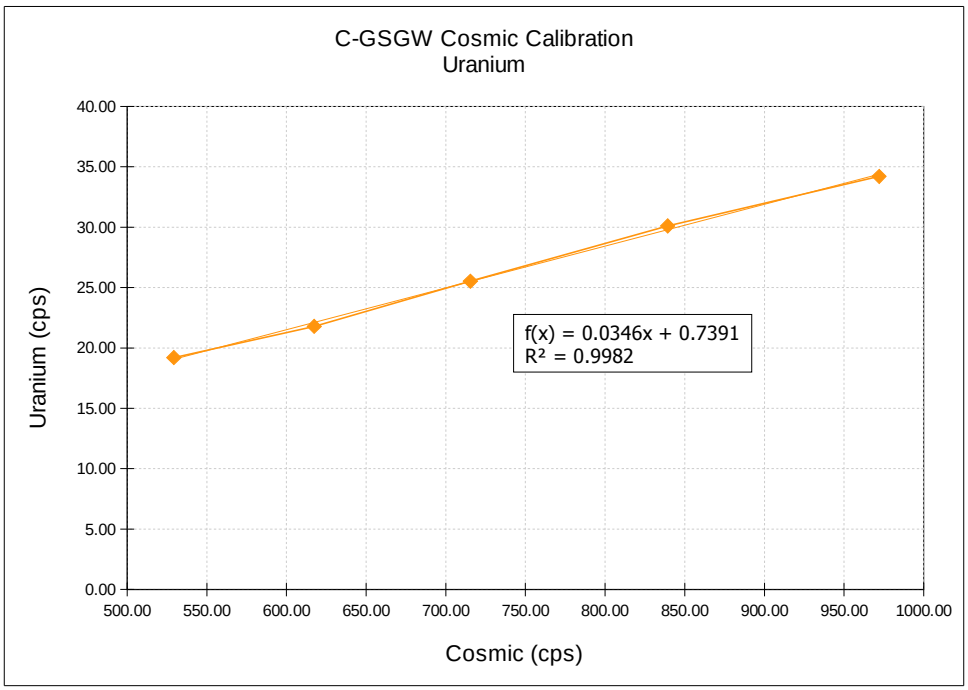


Figure 13: Uranium vs Cosmic test C-GSGW

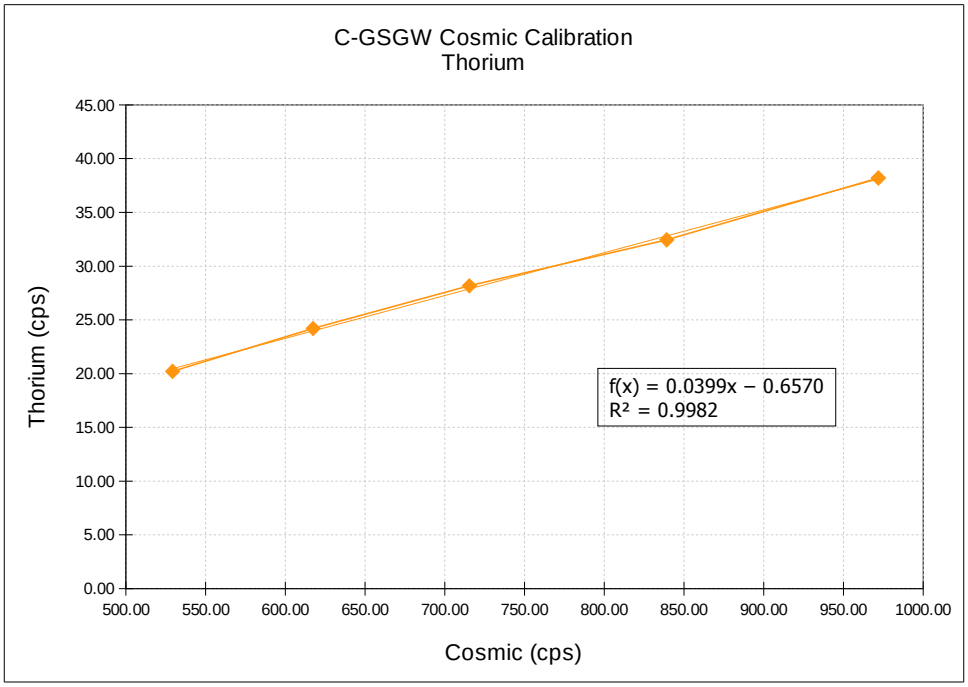


Figure 14: Thorium vs Cosmic test C-GSGW

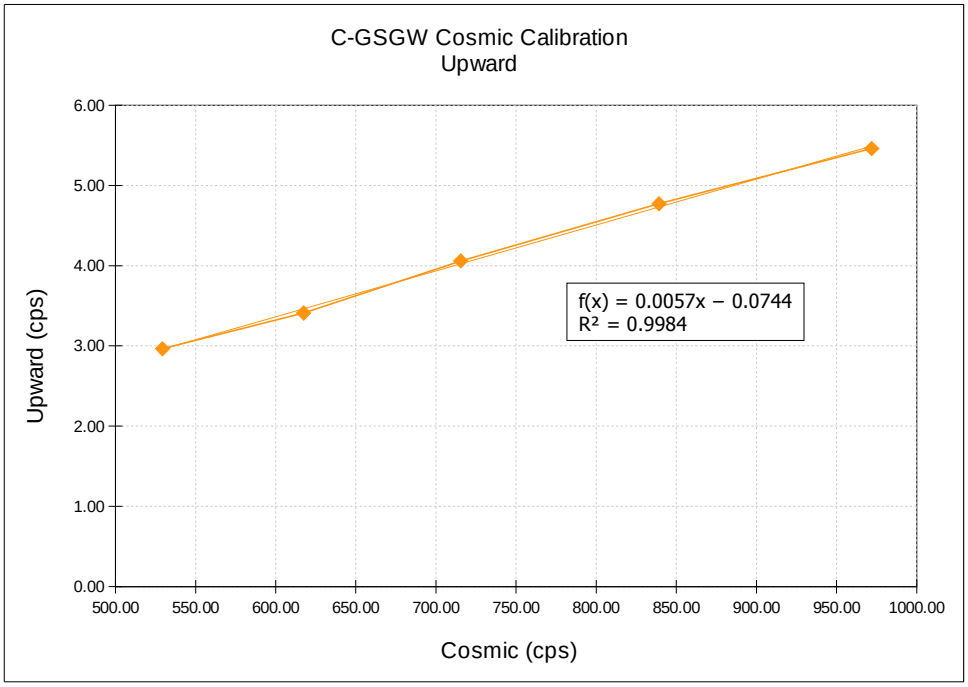


Figure 15: Upward vs Cosmic test C-GSGW

SGL

Appendix X



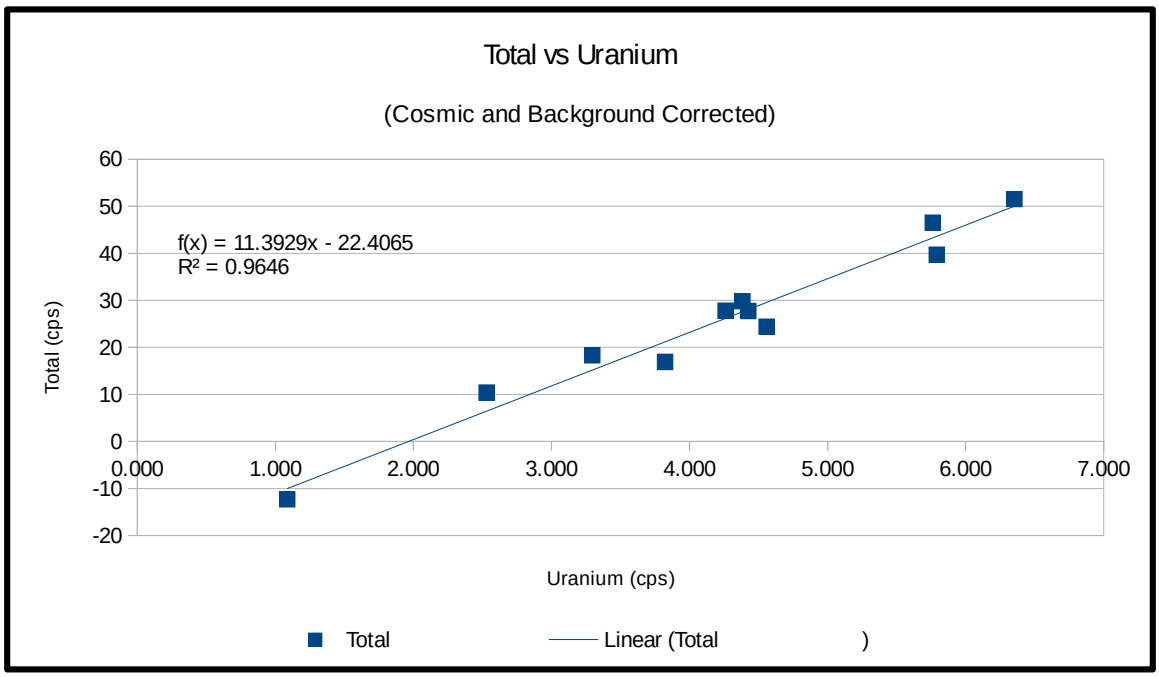


Figure 1: Total Radon coefficient test C-GSGL

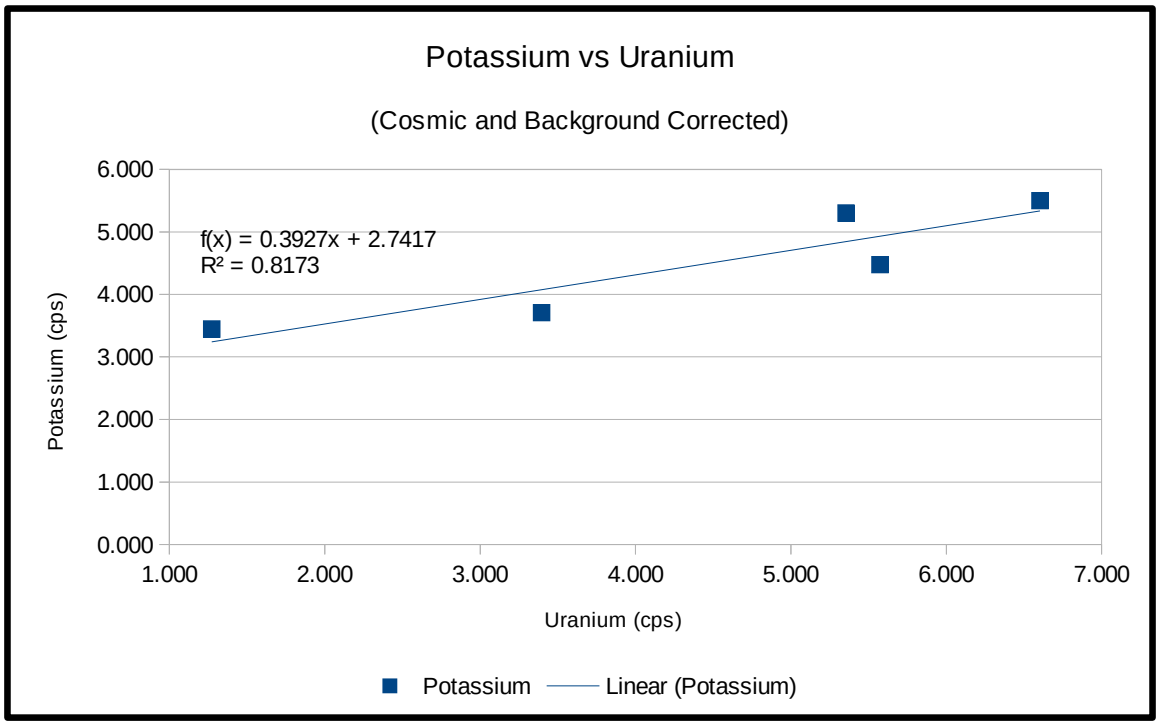


Figure 2: Potassium Radon coefficient test C-GSGL

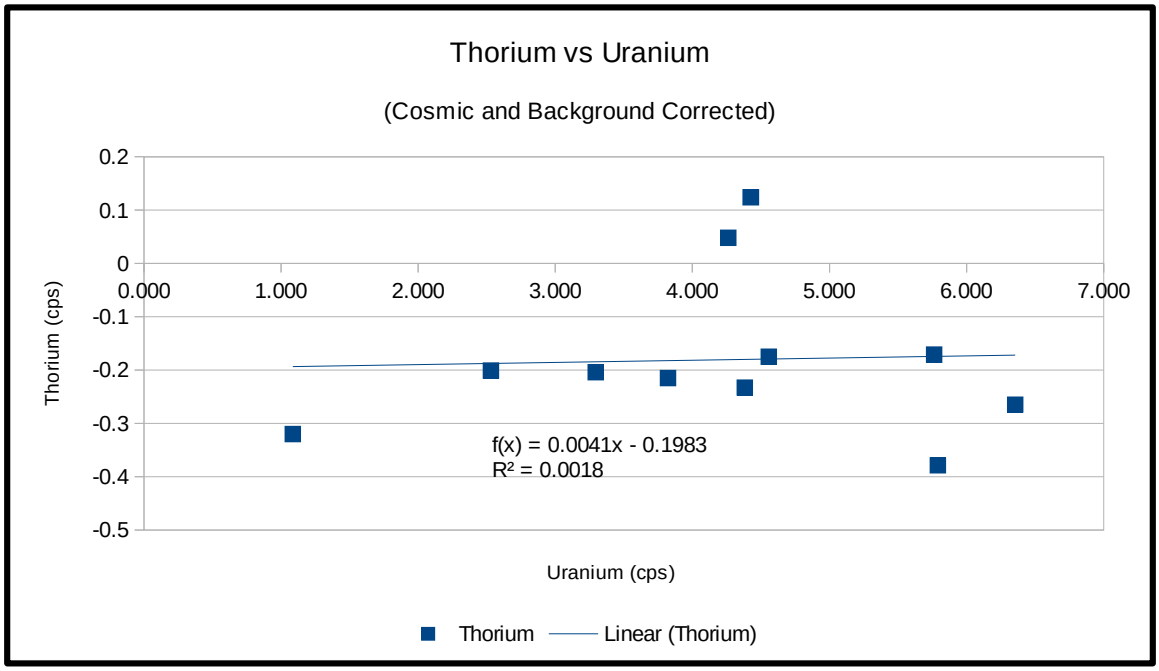


Figure 3: Thorium Radon coefficient test C-GSGL

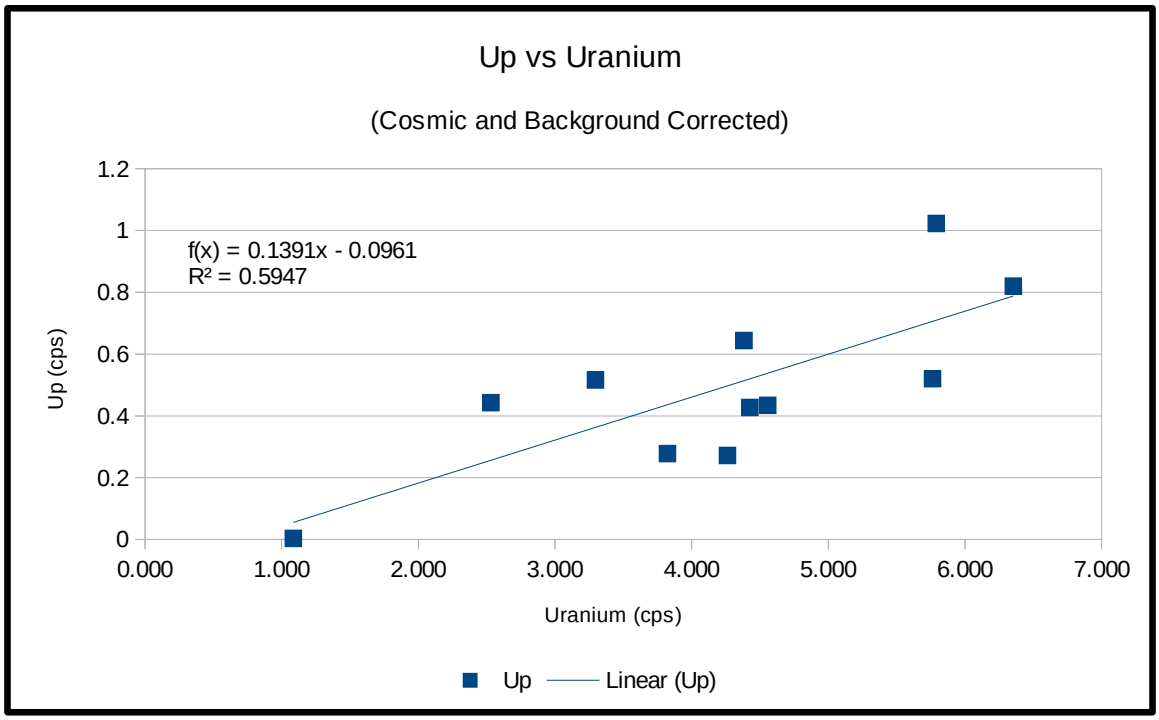


Figure 4: Up Radon coefficient test C-GSGL

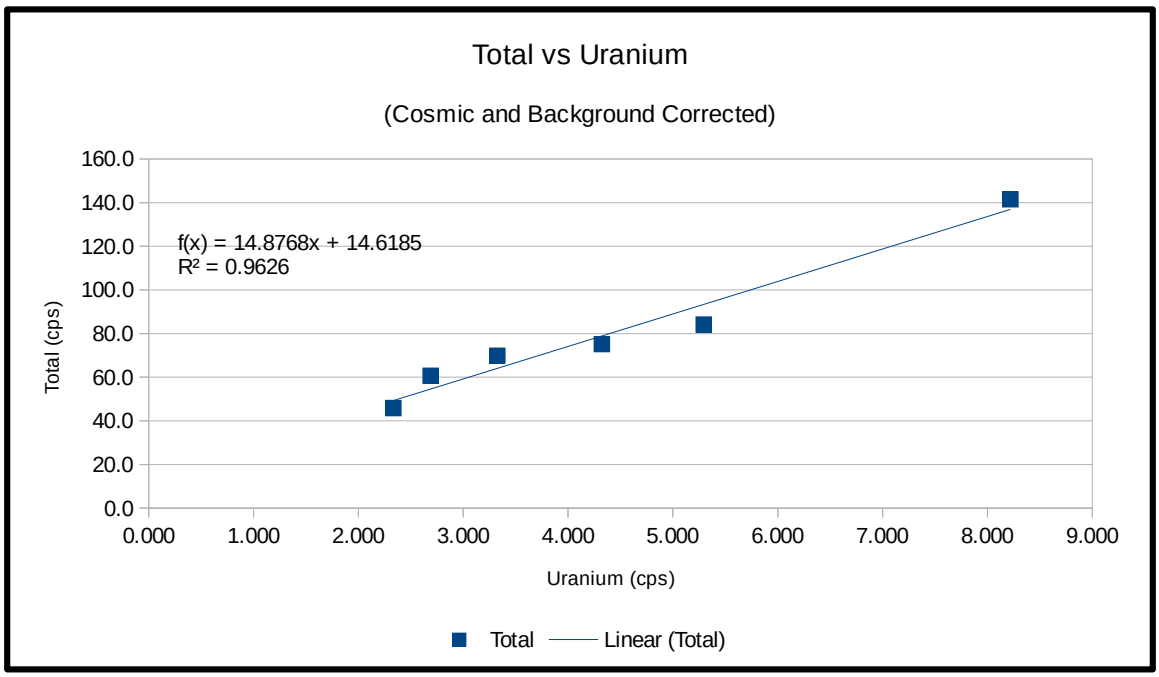


Figure 5: Total Radon coefficient test C-GSGV

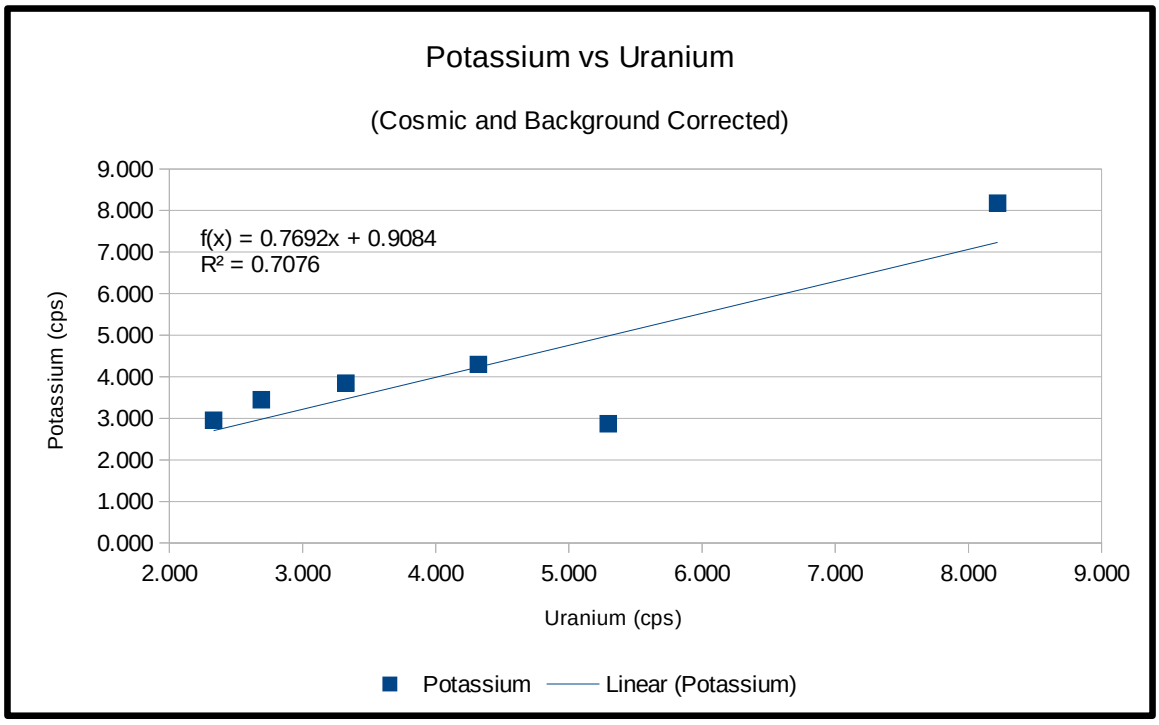


Figure 6: Potassium Radon coefficient test C-GSGV

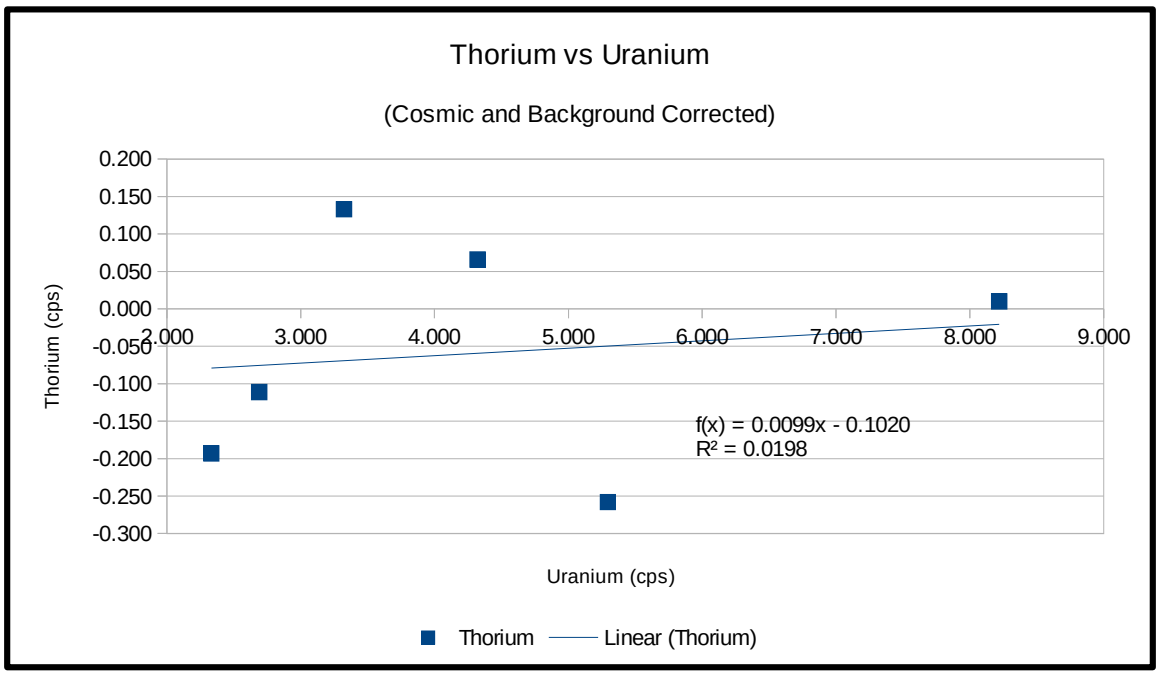


Figure 7: Thorium Radon coefficient test C-GSGV

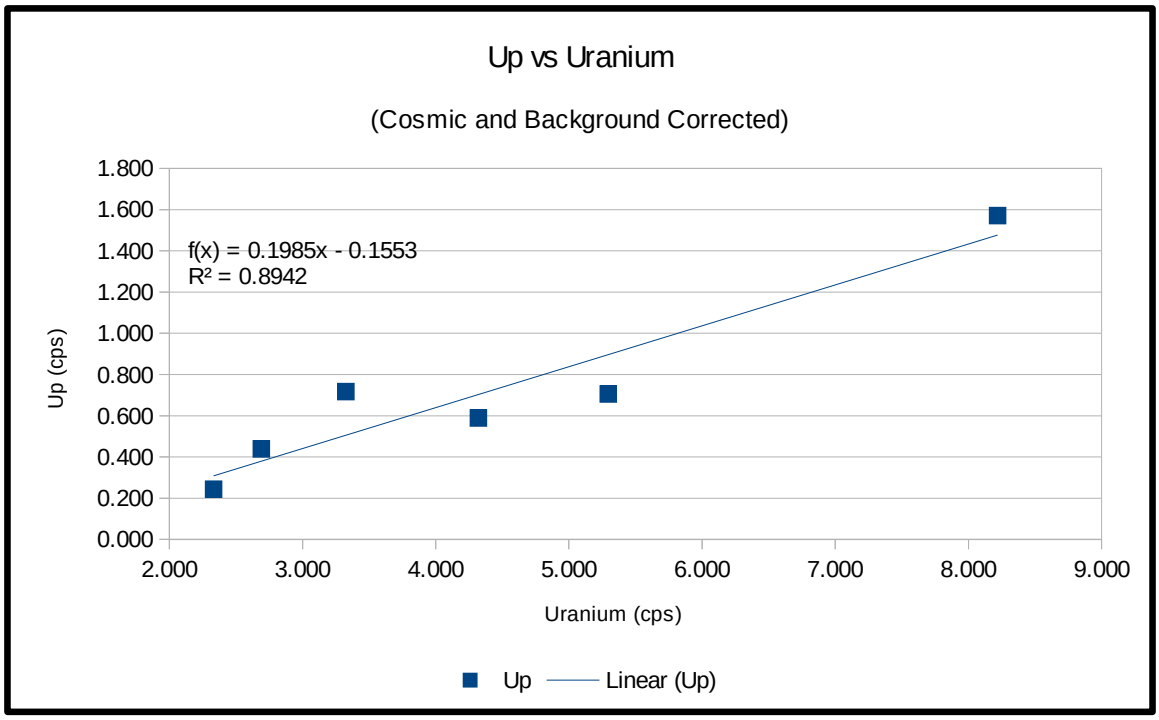


Figure 8: Up Radon coefficient test C-GSGV

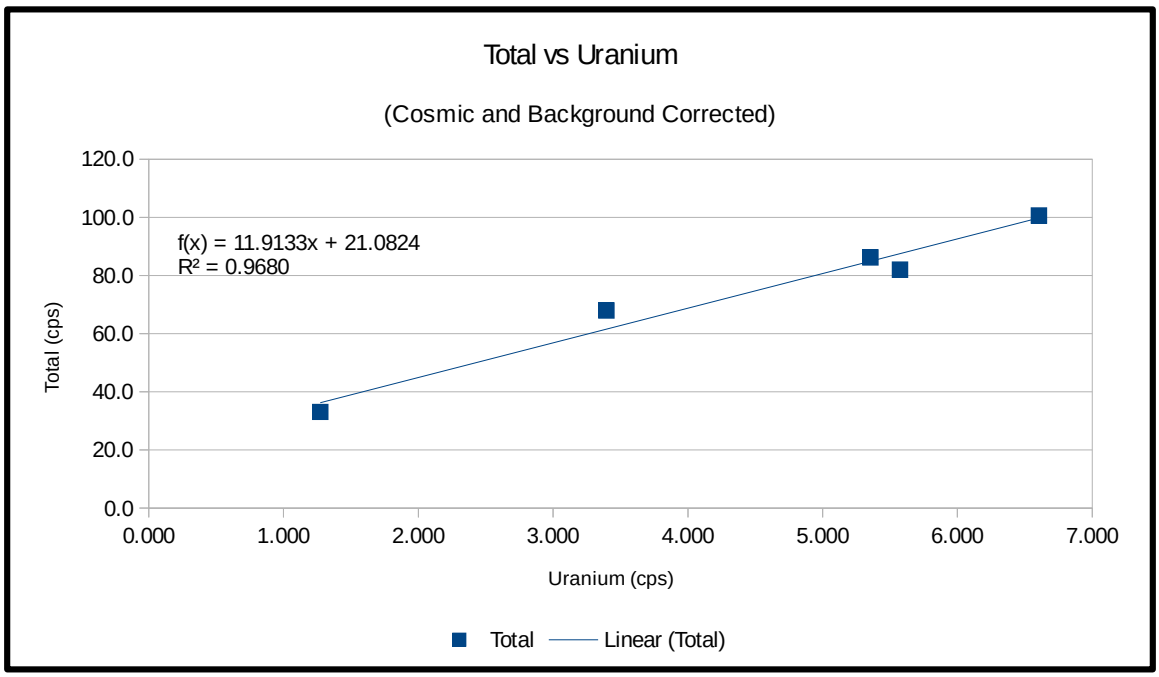


Figure 9: Total Radon coefficient test C-GSGW

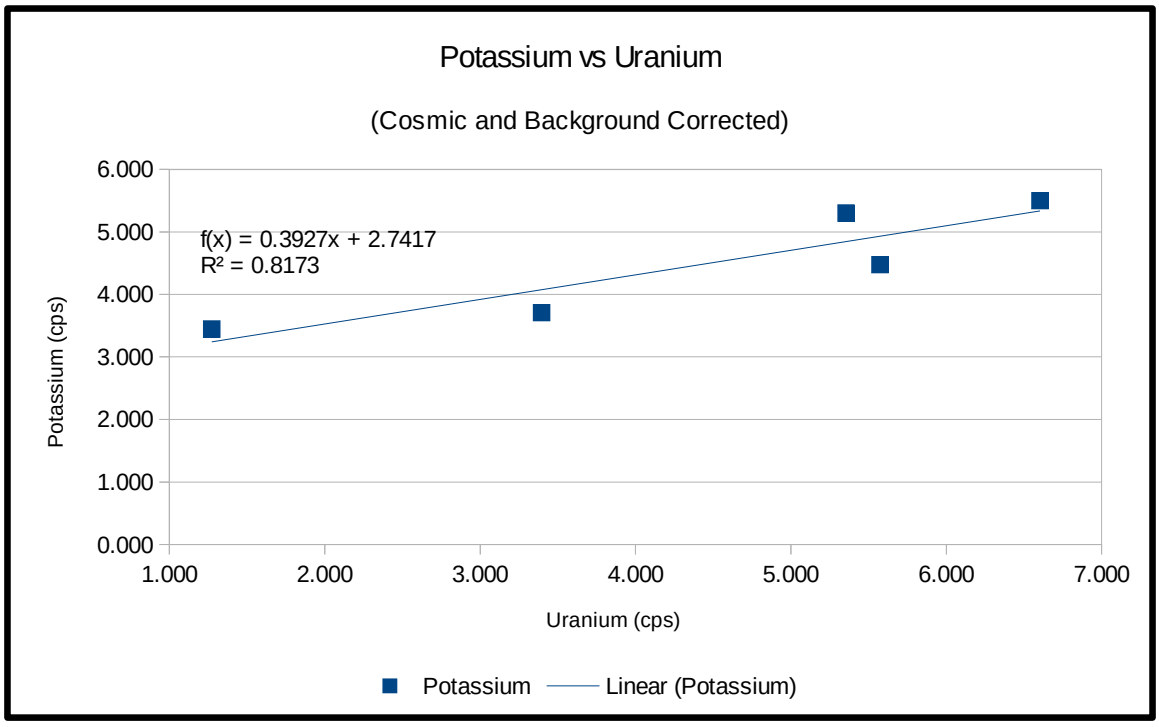


Figure 10: Potassium Radon coefficient test C-GSGW

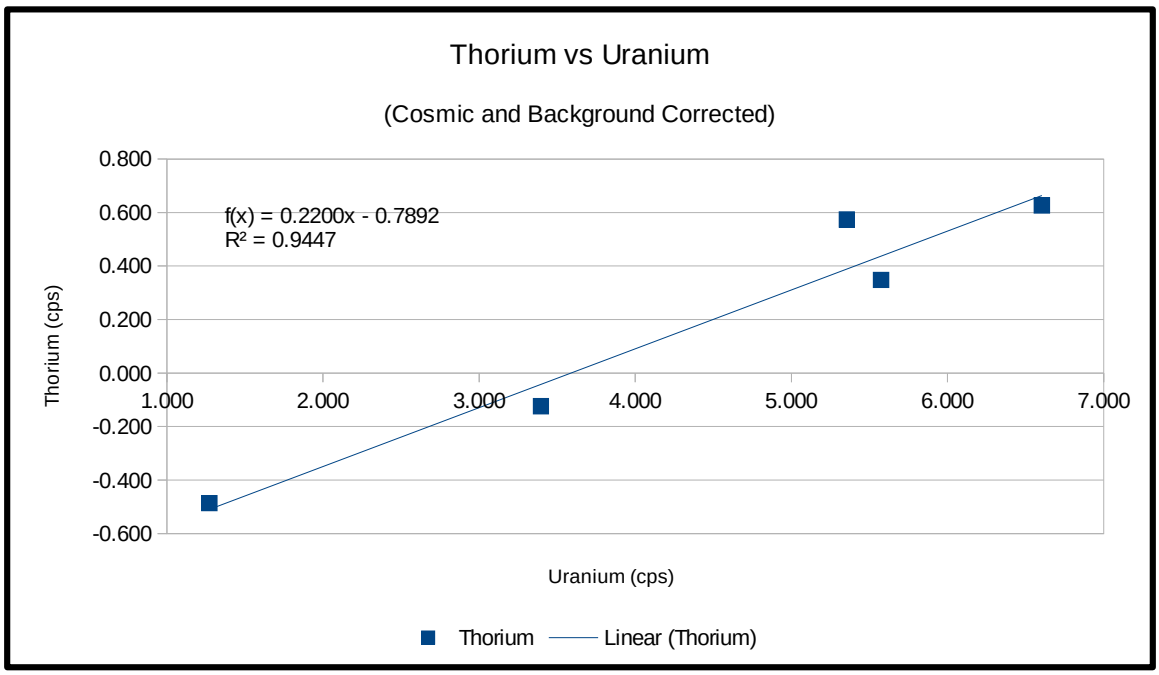


Figure 11: Thorium Radon coefficient test C-GSGW

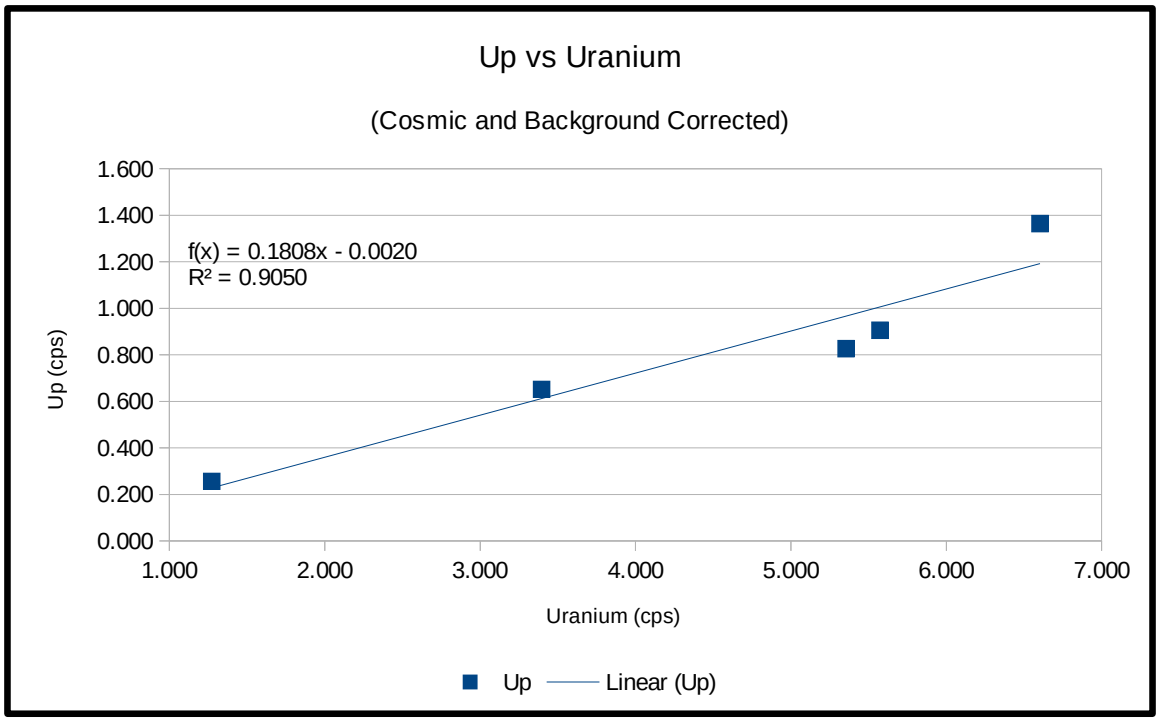


Figure 12: Up Radon coefficient test C-GSGW

SGL

Appendix XI



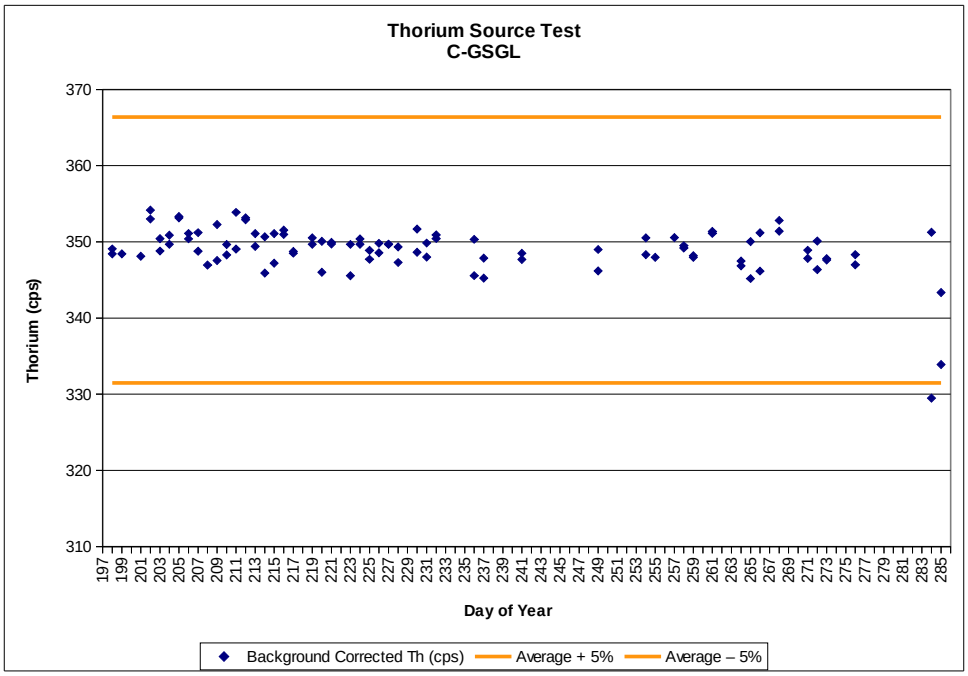


Figure 1: Thorium source test C-GSGL

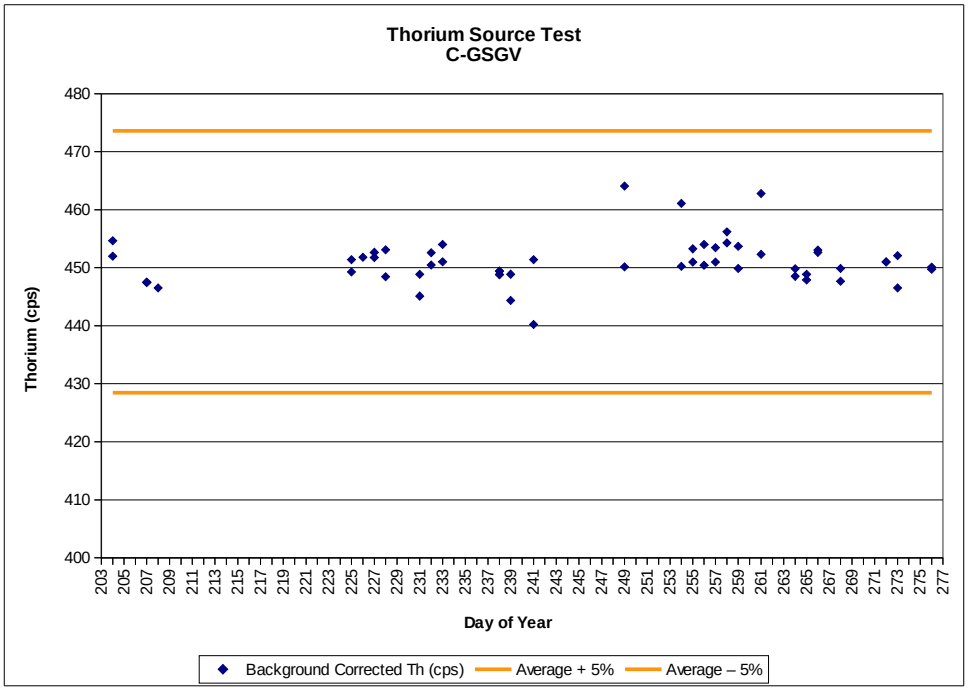


Figure 2: Thorium source test C-GSGV

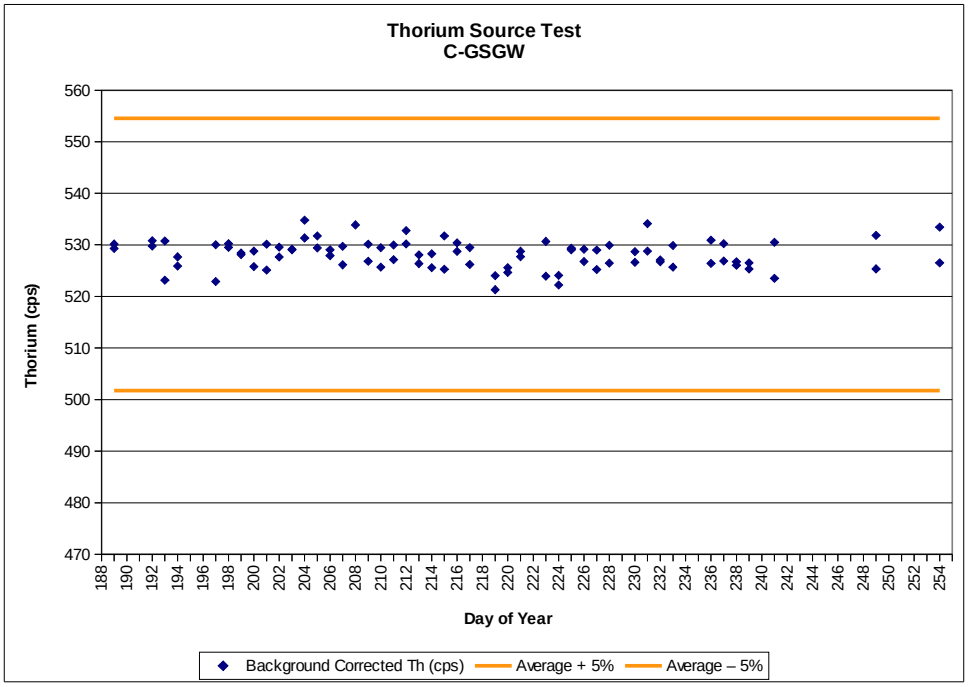


Figure 3: Thorium source test C-GSGW

SGL

Appendix XII



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	0.0	**Total km Flown to Date**	0.0
Total Remaining (km)	116344.8	**km Reflown This Week**	0.0
Percent Complete (%)	0.0	**Flight Time This Week (h)**	12.3
Prod km/Day This Week	0.0	**Prod km/Flt Hour This Week**	0.0

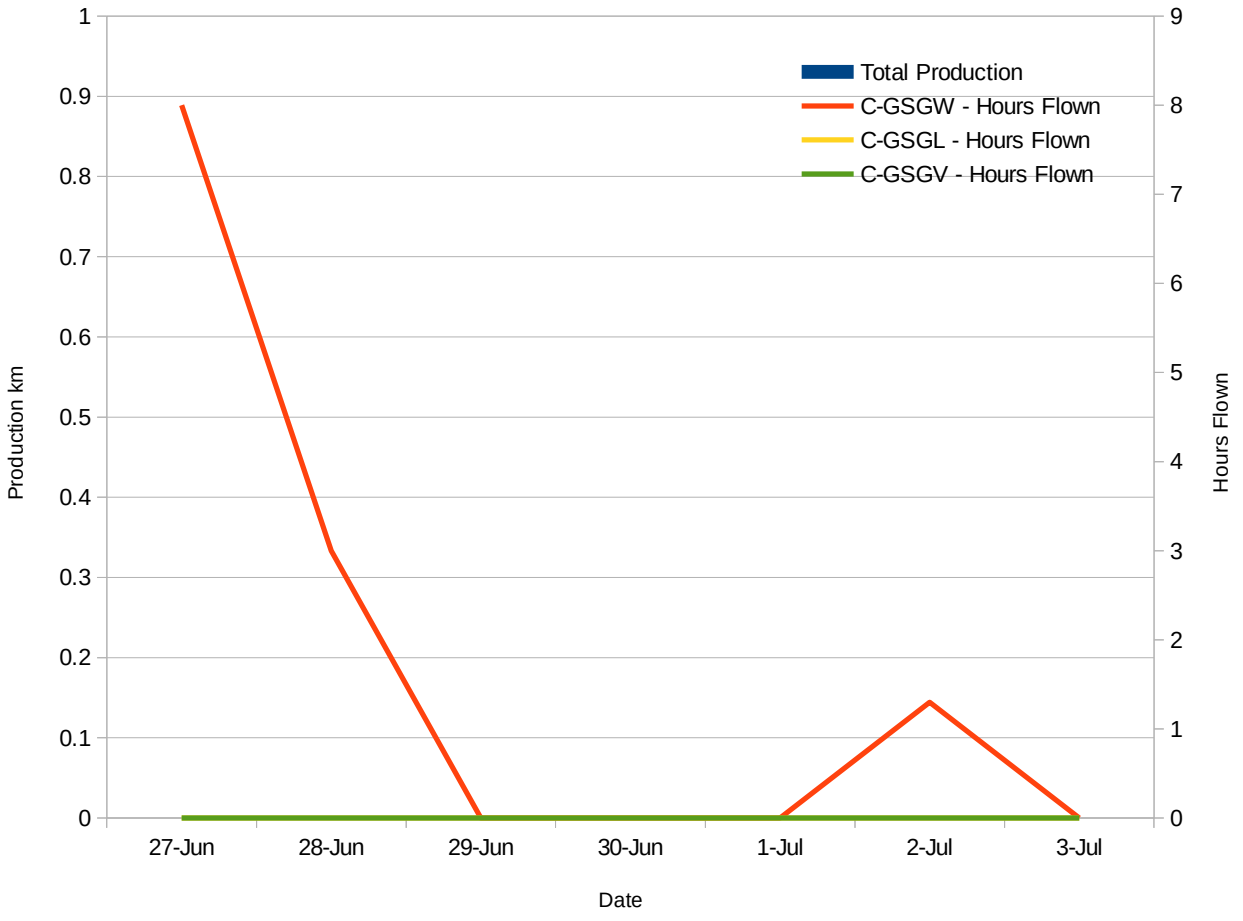
WEEKLY PRODUCTION

Week 1		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**12.3**	**0.0**	**0.0**	**0.0**	**0.0**
27-Jun	**Monday**		**8.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW	ferry	8.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	N/A		**Remarks**	C-GSGW arrives in Whitecourt, AB. Ground crew arrive in Prince George, BC.			
Geomag	N/A						
28-Jun	**Tuesday**		**3.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW	ferry	3.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	N/A		**Remarks**	C-GSGW and ground crew arrive in Burns Lake, BC.			
Geomag	N/A						
29-Jun	**Wednesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear and windy		**Remarks**	Operations meeting held with Burns Lake airport manager.			
Geomag	N/A						
30-Jun	**Thursday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Partly overcast		**Remarks**	Initial equipment shipment from Ottawa arrives in Burns Lake. Field office installed at crew accommodations.			
Geomag	N/A						
1-Jul	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Partly overcast		**Remarks**	Geophysical reference stations installed. Aircraft electrical ground power installed at airport.			
Geomag	N/A						
2-Jul	**Saturday**		**1.3**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW	9001	1.3	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	Geophysical test flight attempted; aborted due to deteriorating weather conditions.			
Geomag	Quiet						
3-Jul	**Sunday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	Geophysical test flight cancelled due to adverse weather conditions.			
Geomag	Quiet						
Comments	Mobilization and survey preparations underway.						
Signed	Adam Jones						

PERSONNEL ON SITE THIS WEEK						
Name	**Position**	**Arrival This Week**	**Departure This Week**	**On Site?**	**No. of Days On Site This Week**	**No. of Days on Site To Date**
Adam Jones	Crew Chief	28-Jun-16		ON SITE	6	6
Ryan Millar	Data Processor	28-Jun-16		ON SITE	6	6
Kevin Michaud	Pilot	28-Jun-16		ON SITE	6	6
Marianne Durette	Co-Pilot	28-Jun-16		ON SITE	6	6
Darren McBeth	AME				0	0
Kevin Cahill	AME				0	0
Jean Deschenes	Pilot				0	0
Nikhal Behl	Co-Pilot				0	0
Oteng Matsetse	Data Processor				0	0
Eric Seme	Crew Chief				0	0
Tomo Nishimura	Pilot				0	0
Karlo Pavlicevic	Co-Pilot				0	0
Alex Faulkner	Co-Pilot				0	0
Alex Pritchard	perations Manag				0	0
Jason Thomas	Pilot				0	0
Katherine Svarckopf	light Ops Manage				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	180	180
Inductions	4	4
Near Miss	0	0
First Aid Case (FAC)	0	0
Medical Treatment Case (MTC)	0	0
Restricted Work Case (RWC)	0	0
Lost Time Injuries (LTI)	0	0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	1083.4	**Total km Flown to Date**	1083.4
Total Remaining (km)	115261.4	**km Reflown This Week**	0.0
Percent Complete (%)	0.9	**Flight Time This Week (h)**	10.9
Prod km/Day This Week	154.8	**Prod km/Flt Hour This Week**	99.4

WEEKLY PRODUCTION

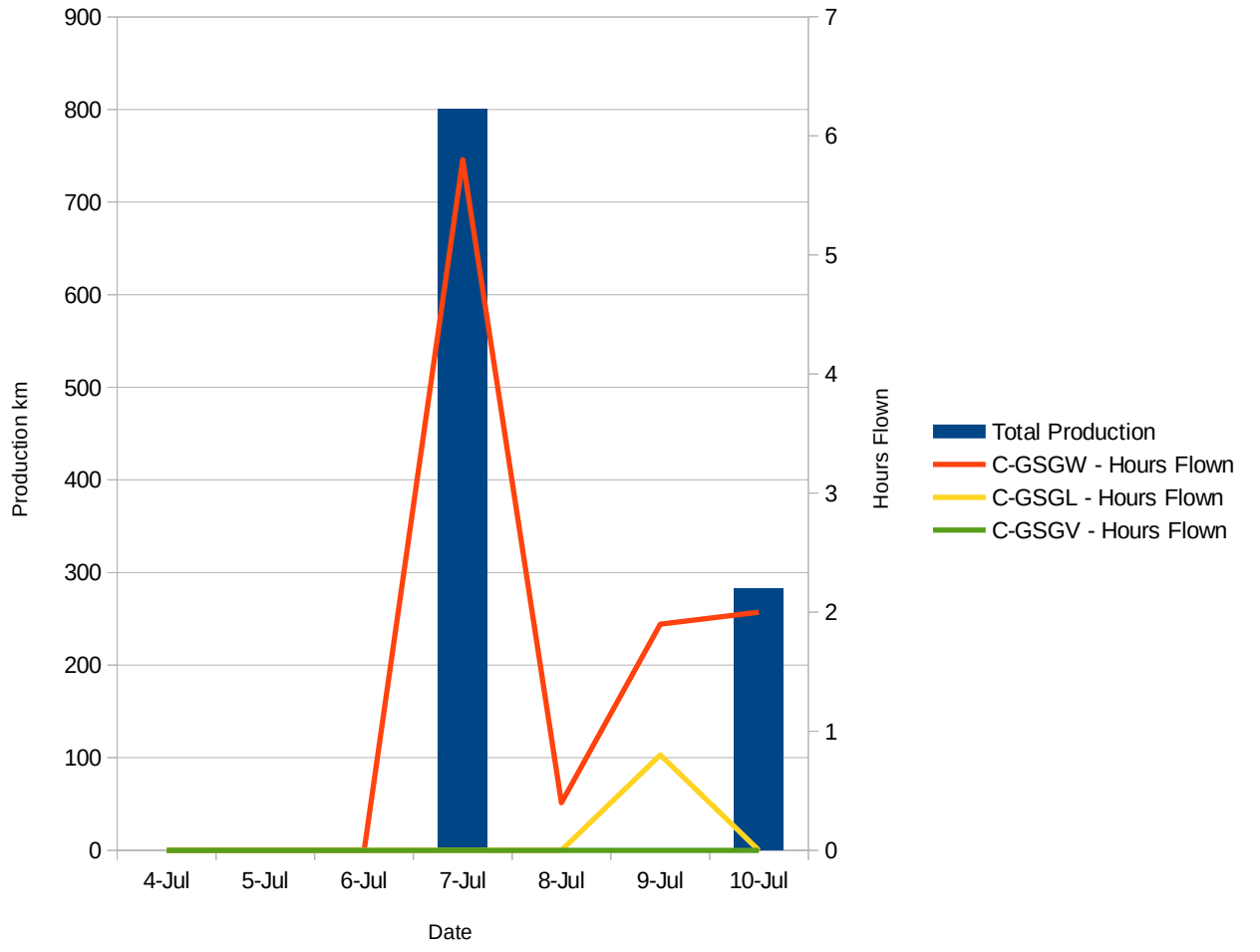
Week 2		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**10.9**	**29.0**	**0.0**	**1083.4**	**0.0**
4-Jul	**Monday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	Production flight delayed and eventually cancelled due to adverse weather conditions			
Geomag	Quiet						
5-Jul	**Tuesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	Production flight delayed and eventually cancelled due to adverse weather conditions			
Geomag	Quiet						
6-Jul	**Wednesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	C-GSGL & C-GSGV arrive in Prince George, BC. Production flight delayed and eventually cancelled due to adverse weather conditions			
Geomag	Quiet						
7-Jul	**Thursday**		**5.8**	**25.0**	**0.0**	**800.6**	**0.0**
	C-GSGW	1001	5.8	25.0	0.0	800.6	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Partly overcast, showers		**Remarks**	C-GSGL & C-GSGV arrive in Smithers, BC. Production flight with C-GSGW.			
Geomag	Quiet						
8-Jul	**Friday**		**0.4**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW	-	0.4	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Partly overcast, rain & hail		**Remarks**	Production flight attempted, aborted prior to starting production lines due to adverse weather conditions.			
Geomag	Quiet						
9-Jul	**Saturday**		**2.7**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW	9002	1.9	0.0	0.0	0.0	0.0
	C-GSGL	ferry	0.8	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Partly overcast.		**Remarks**	Magnetic heading and compensation calibration completed for C-GSGW. C-GSGL arrives in Burns Lake.			
Geomag	Quiet						
10-Jul	**Sunday**		**2.0**	**4.0**	**0.0**	**282.8**	**0.0**
	C-GSGW	1002	2.0	4.0	0.0	282.8	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Partly overcast.		**Remarks**	Installation of geophysical equipment in C-GSGL underway.			
Geomag	Quiet						
Comments	Production flights with C-GSGW underway. Survey preparations for C-GSGL and C-GSGV ongoing.						
Signed	A.Jones						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief			ON SITE	7	13
Ryan Millar	Data Processor			ON SITE	7	13
Kevin Michaud	Pilot			ON SITE	7	13
Marianne Durette	Co-Pilot			ON SITE	7	13
Darren McBeth	AME	6-Jul-16		ON SITE	5	5
Kevin Cahill	AME	6-Jul-16		ON SITE	5	5
Jean Deschenes	Pilot	7-Jul-16		ON SITE	4	4
Nikhal Behl	Co-Pilot	7-Jul-16		ON SITE	4	4
Oteng Matsetse	Data Processor	6-Jul-16		ON SITE	5	5
Eric Seme	Crew Chief	10-Jul-16		ON SITE	1	1
Tomo Nishimura	Pilot				0	0
Karlo Pavlicevic	Co-Pilot				0	0
Alex Faulkner	Co-Pilot				0	0
Alex Pritchard	perations Manage				0	0
Jason Thomas	Pilot				0	0
Katherine Svarckopf	light Ops Manage				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	390	570
Inductions	6	10
Near Miss	0	0
First Aid Case (FAC)	0	0
Medical Treatment Case (MTC)	0	0
Restricted Work Case (RWC)	0	0
Lost Time Injuries (LTI)	0	0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	5476.2	**Total km Flown to Date**	6559.6
Total Remaining (km)	109785.2	**km Reflown This Week**	0.0
Percent Complete (%)	5.6	**Flight Time This Week (h)**	41.4
Prod km/Day This Week	782.3	**Prod km/Flt Hour This Week**	132.3

WEEKLY PRODUCTION

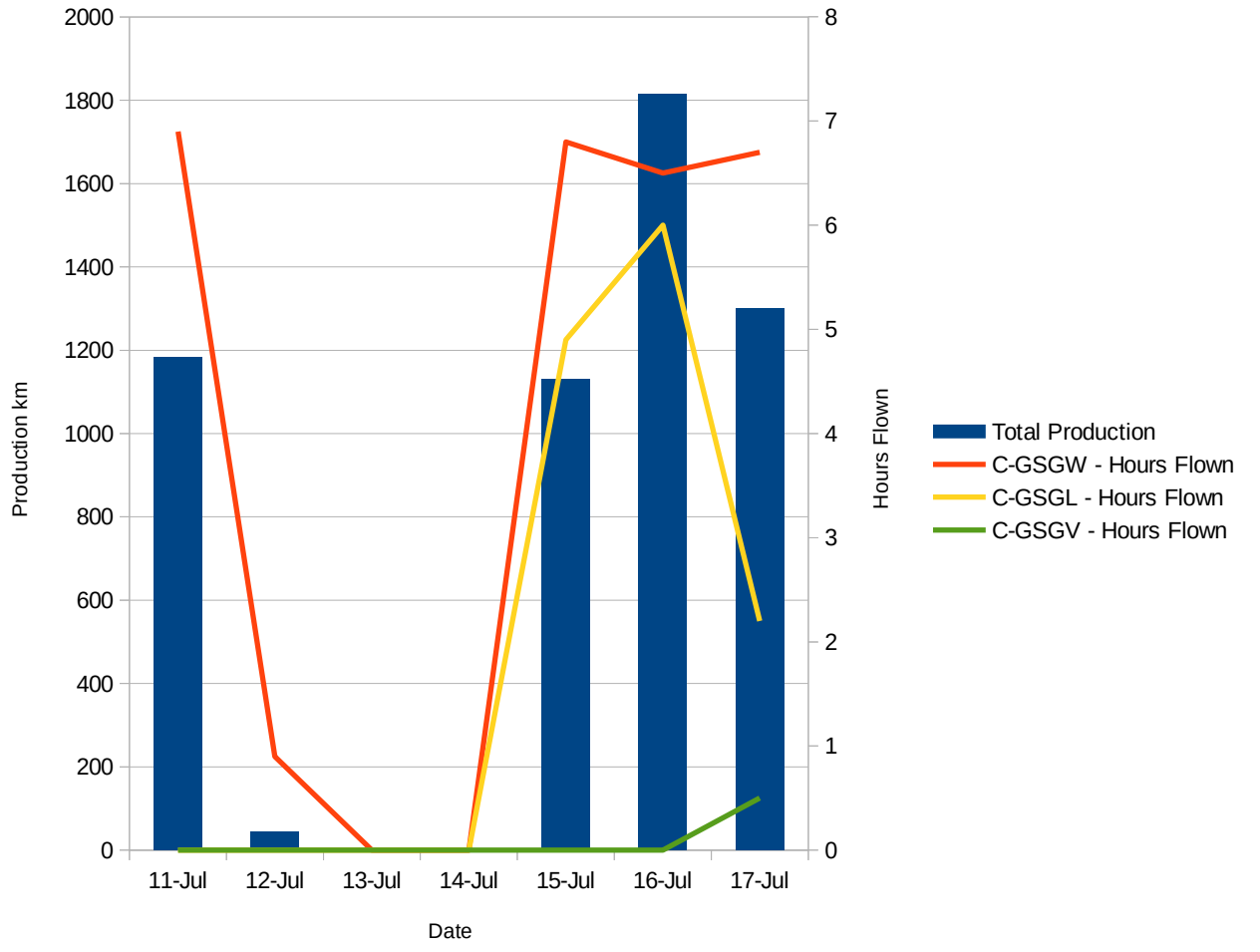
Week 3		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**41.4**	**189.4**	**0.0**	**5476.2**	**0.0**
11-Jul	**Monday**		**6.9**	**30.0**	**0.0**	**1182.2**	**0.0**
	C-GSGW	1003	6.9	30.0	0.0	1182.2	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Mainly clear		**Remarks**	Production flight C-GSGW. Geophysical installation on C-GSGL underway. Maintenance on C-GSGV continues.			
Geomag	Quiet						
12-Jul	**Tuesday**		**0.9**	**0.7**	**0.0**	**45.3**	**0.0**
	C-GSGW	1004	0.9	0.7	0.0	45.3	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	Production flight attempted, aborted due to adverse weather conditions. Geophysical installation on C-GSGL underway. Maintenance on C-GSGV continues.			
Geomag	Quiet						
13-Jul	**Wednesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	Production flight delayed and eventually cancelled due to adverse weather conditions.			
Geomag	Quiet						
14-Jul	**Thursday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast & rain		**Remarks**	Production flight delayed and eventually cancelled due to adverse weather conditions.			
Geomag	Quiet						
15-Jul	**Friday**		**11.7**	**23.0**	**0.0**	**1131.6**	**0.0**
	C-GSGW	1005	6.8	23.0	0.0	1131.6	0.0
	C-GSGL	9201	4.9	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production flight C-GSGW. Geophysical test flight C-GSGL.			
Geomag	Quiet						
16-Jul	**Saturday**		**12.5**	**75.8**	**0.0**	**1815.7**	**0.0**
	C-GSGW	1006	6.5	52.5	0.0	1027.2	0.0
	C-GSGL	2001/2002/2003	6.0	23.3	0.0	788.5	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production flights, C-GSGW & C-GSGL. C-GSGV maintenance completed in Smithers.			
Geomag	Quiet						
17-Jul	**Sunday**		**9.4**	**59.9**	**0.0**	**1301.4**	**0.0**
	C-GSGW	1007	6.7	52.5	0.0	1135.6	0.0
	C-GSGL	2004	2.2	7.4	0.0	165.8	0.0
	C-GSGV	ferry	0.5	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production flights, C-GSGW & C-GSGL. C-GSGV ferry flight to Burns Lake.			
Geomag	Quiet						
Comments	All aircraft, crew and equipment in Burns Lake. Production underway.						
Signed	A.Jones						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief			ON SITE	7	20
Ryan Millar	Data Processor			ON SITE	7	20
Kevin Michaud	Pilot			ON SITE	7	20
Marianne Durette	Co-Pilot			ON SITE	7	20
Darren McBeth	AME			ON SITE	7	12
Kevin Cahill	AME			ON SITE	7	12
Jean Deschenes	Pilot			ON SITE	7	11
Nikhal Behl	Co-Pilot			ON SITE	7	11
Oteng Matsetse	Data Processor			ON SITE	7	12
Eric Seme	Crew Chief			ON SITE	7	8
Tomo Nishimura	Pilot	17-Jul-16		ON SITE	1	1
Karlo Pavlicevic	Co-Pilot	17-Jul-16		ON SITE	1	1
Alex Faulkner	Co-Pilot				0	0
Alex Pritchard	perations Manage				0	0
Jason Thomas	Pilot				0	0
Katherine Svarckopf	light Ops Manage				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	540	1110
Inductions	2	12
Near Miss	0	0
First Aid Case (FAC)	0	0
Medical Treatment Case (MTC)	0	0
Restricted Work Case (RWC)	0	0
Lost Time Injuries (LTI)	0	0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	13507.1	**Total km Flown to Date**	20066.7
Total Remaining (km)	96278.1	**km Reflown This Week**	0.0
Percent Complete (%)	17.2	**Flight Time This Week (h)**	87.8
Prod km/Day This Week	1929.6	**Prod km/Flt Hour This Week**	153.8

WEEKLY PRODUCTION

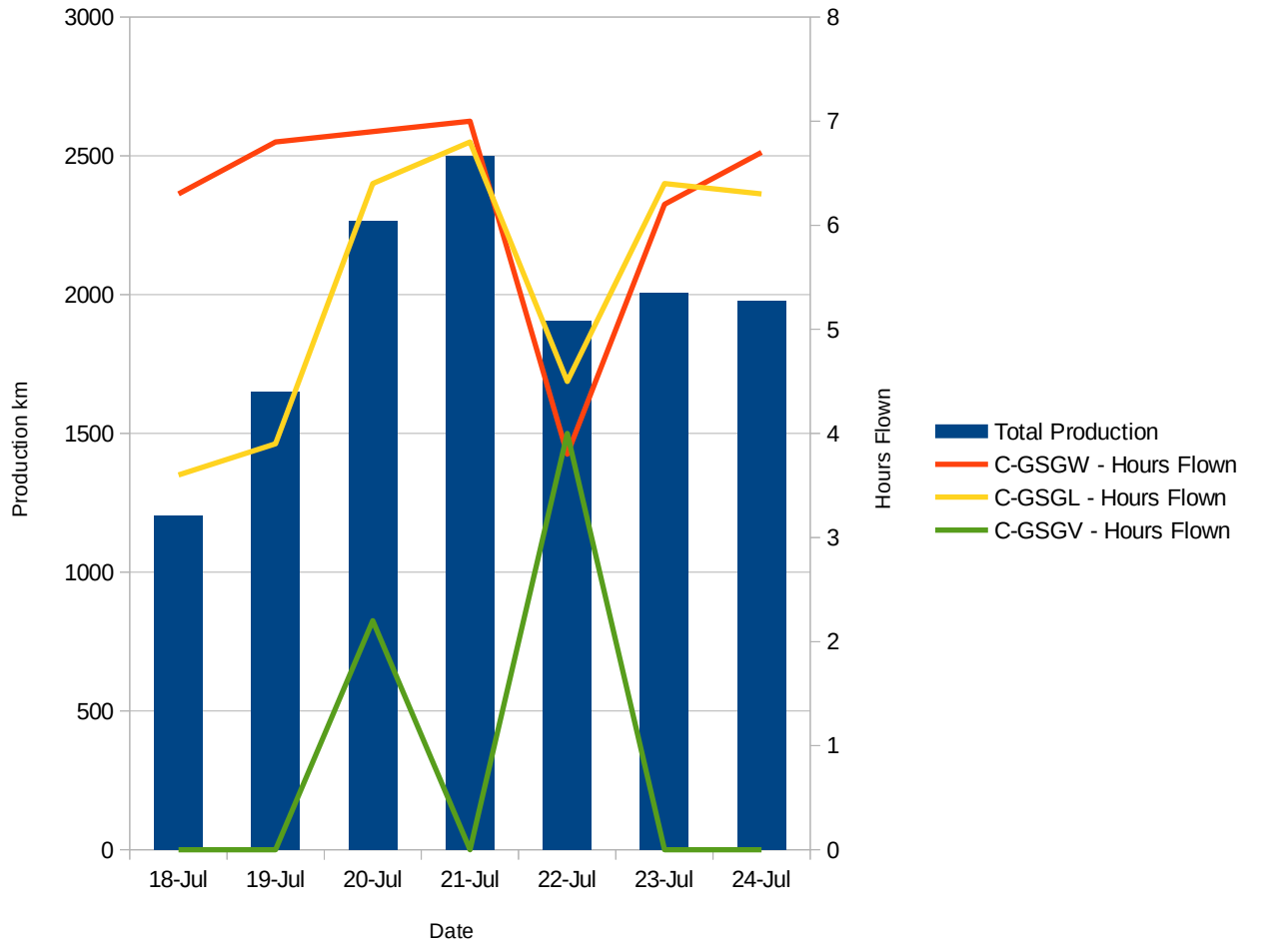
Week 4		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**87.8**	**362.7**	**0.0**	**13507.1**	**0.0**
18-Jul	**Monday**		**9.9**	**17.0**	**0.0**	**1204.4**	**0.0**
	C-GSGW	1008	6.3	17.0	0.0	1204.4	0.0
	C-GSGL	9204	3.6	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Partly overcast		**Remarks**	Production flights with C-GSGW. Pilot training with C-GSGL. Geophysical equipment installation on C-GSGV.			
Geomag	Quiet						
19-Jul	**Tuesday**		**10.7**	**67.2**	**0.0**	**1649.5**	**0.0**
	C-GSGW	1009	6.8	54.5	0.0	1062.1	0.0
	C-GSGL	2005	3.9	12.7	0.0	587.4	0.0
	C-GSGV	9301	0.0	0.0	0.0	0.0	0.0
Weather	clear		**Remarks**	Production flights with C-GSGW and C-GSGL. Heading Test and Radar Altimeter in C-GSGV.			
Geomag	Quiet						
20-Jul	**Wednesday**		**15.5**	**75.5**	**0.0**	**2264.1**	**0.0**
	C-GSGW	1010	6.9	63.5	0.0	1164.4	0.0
	C-GSGL	2006	6.4	12.0	0.0	1099.7	0.0
	C-GSGV	9302	2.2	0.0	0.0	0.0	0.0
Weather	Partly overcast		**Remarks**	Production flights with C-GSGW and C-GSGL and a training flight on C-GSGV			
Geomag	Quiet						
21-Jul	**Thursday**		**13.8**	**73.9**	**0.0**	**2501.4**	**0.0**
	C-GSGW	1011	7.0	60.9	0.0	1225.8	0.0
	C-GSGL	2007	6.8	13.0	0.0	1275.6	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	clear		**Remarks**	Production flights with C-GSGW and C-GSGL. Geophysical equipment installation on C-GSGV.			
Geomag	Quiet						
22-Jul	**Friday**		**12.3**	**37.8**	**0.0**	**1903.8**	**0.0**
	C-GSGW	1012	3.8	10.8	0.0	575.8	0.0
	C-GSGL	2008	4.5	9.0	0.0	666.6	0.0
	C-GSGV	3001	4.0	18.0	0.0	661.4	0.0
Weather	overcast		**Remarks**	Production flights with C-GSGW, C-GSGL and C-GSGV. All flights were cut short to weather.			
Geomag	Quiet						
23-Jul	**Saturday**		**12.6**	**46.0**	**0.0**	**2006.7**	**0.0**
	C-GSGW	1013	6.2	26.4	0.0	901.0	0.0
	C-GSGL	2009	6.4	19.6	0.0	1105.7	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast and light showers		**Remarks**	Production flights with C-GSGW and C-GSGL. C-GSGV grounded for maintenance.			
Geomag	Quiet						
24-Jul	**Sunday**		**13.0**	**45.3**	**0.0**	**1977.2**	**0.0**
	C-GSGW	1014	6.7	18.0	0.0	877.7	0.0
	C-GSGL	2010	6.3	27.3	0.0	1099.5	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast		**Remarks**	Production flights with C-GSGW and C-GSGL. C-GSGV grounded for maintenance.			
Geomag	Quiet						
Comments	Production starts to pick up with a few days of shorter flights due to weather						
Signed	Eric Seme						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief		20-Jul-16	ON SITE	3	23
Ryan Millar	Data Processor			ON SITE	7	27
Kevin Michaud	Pilot			ON SITE	7	27
Marianne Durette	Co-Pilot			ON SITE	7	27
Darren McBeth	AME			ON SITE	7	19
Kevin Cahill	AME			ON SITE	7	19
Jean Deschenes	Pilot			ON SITE	7	18
Nikhal Behl	Co-Pilot			ON SITE	7	18
Oteng Matsetse	Data Processor			ON SITE	7	19
Eric Seme	Crew Chief			ON SITE	7	15
Tomo Nishimura	Pilot			ON SITE	7	8
Karlo Pavlicevic	Co-Pilot			ON SITE	7	8
Alex Faulkner	Co-Pilot				0	0
Alex Pritchard	perations Manage				0	0
Jason Thomas	Pilot				0	0
Katherine Svarckopf	light Ops Manage				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	600	1710
Inductions	0	12
Near Miss	0	0
First Aid Case (FAC)	0	0
Medical Treatment Case (MTC)	0	0
Restricted Work Case (RWC)	0	0
Lost Time Injuries (LTI)	0	0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	17578.7	**Total km Flown to Date**	37645.4
Total Remaining (km)	78699.4	**km Reflown This Week**	0.0
Percent Complete (%)	32.4	**Flight Time This Week (h)**	102.8
Prod km/Day This Week	2511.2	**Prod km/Flt Hour This Week**	171.0

WEEKLY PRODUCTION

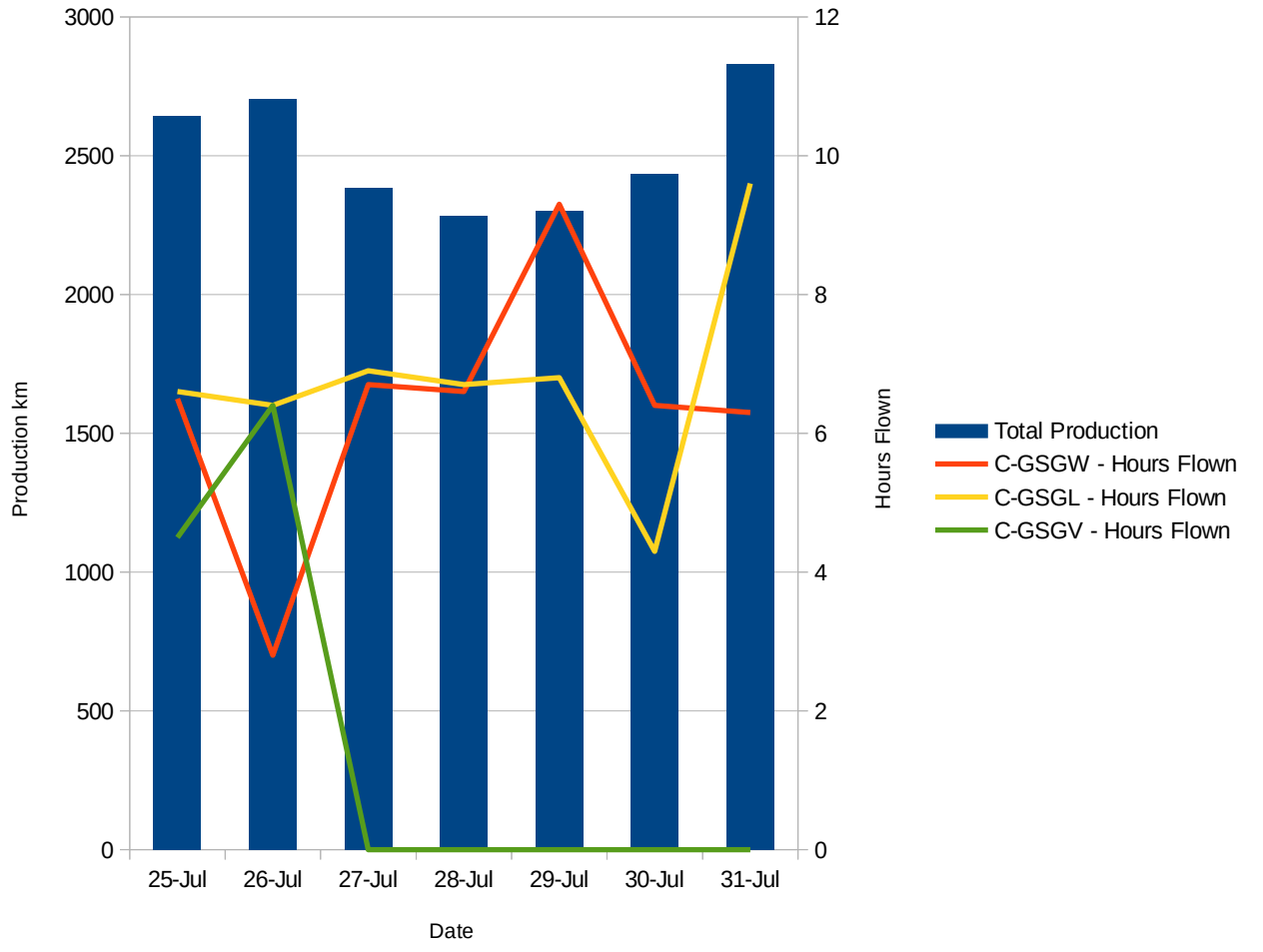
Week 5		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**102.8**	**440.1**	**0.0**	**17578.7**	**0.0**
25-Jul	**Monday**		17.6	85.5	0.0	2642.7	0.0
	C-GSGW	1015	6.5	58.2	0.0	1074.1	0.0
	C-GSGL	2011	**6.6**	18.7	0.0	898.1	0.0
	C-GSGV	3002	4.5	8.6	0.0	670.5	0.0
Weather	Overcast		**Remarks**	Production Flights on SGW, SGL and SGV.			
Geomag	Quiet						
26-Jul	**Tuesday**		**15.6**	**53.2**	**0.0**	**2705.4**	**0.0**
	C-GSGW	1016	2.8	7.0	0.0	340.3	0.0
	C-GSGL	2012	6.4	30.2	0.0	1163.3	0.0
	C-GSGV	3003	6.4	16.0	0.0	1201.8	0.0
Weather	Clear		**Remarks**	Production Flights on SGW, SGV and SGL. Discovery Crew comes to Burns Lake to film SGL's operations.			
Geomag	Quiet						
27-Jul	**Wednesday**		**13.6**	**66.8**	**0.0**	**2382.2**	**0.0**
	C-GSGW	1017	6.7	42.8	0.0	1119.3	0.0
	C-GSGL	2013	**6.9**	24.0	0.0	1262.9	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. SGV grounded for maintenance.			
Geomag	Quiet						
28-Jul	**Thursday**		**13.3**	**61.7**	**0.0**	**2281.3**	**0.0**
	C-GSGW	1018	6.6	19.0	0.0	1155.0	0.0
	C-GSGL	2014	6.7	42.7	0.0	1126.3	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. SGV grounded for maintenance.			
Geomag	Quiet						
29-Jul	**Friday**		**16.1**	**53.6**	**0.0**	**2302.3**	**0.0**
	C-GSGW	1019	9.3	15.0	0.0	1151.4	0.0
	C-GSGL	2015	6.8	38.6	0.0	1150.9	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast		**Remarks**	Production Flights on SGW and SGL. SGV grounded for maintenance. Training flight on SGW after a full flight.			
Geomag	Quiet						
30-Jul	**Saturday**		**10.7**	**65.6**	**0.0**	**2433.3**	**0.0**
	C-GSGW	1020	6.4	47.6	0.0	1788.5	0.0
	C-GSGL	2016	4.3	18.0	0.0	644.8	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Cloudy		**Remarks**	Production Flights on SGW and SGL. SGW goes up for a second flight. SGV grounded for maintenance.			
Geomag	Quiet						
31-Jul	**Sunday**		**15.9**	**53.7**	**0.0**	**2831.5**	**0.0**
	C-GSGW	1021	6.3	20.0	0.0	1249.2	0.0
	C-GSGL	2017	9.6	33.7	0.0	1582.3	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. SGW goes up for a second flight. SGV grounded for maintenance.			
Geomag	Quiet						
Comments	Another good week of production in BC.						
Signed	Eric Seme						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor			ON SITE	7	34
Kevin Michaud	Pilot			ON SITE	7	34
Marianne Durette	Co-Pilot			ON SITE	7	34
Darren McBeth	AME			ON SITE	7	26
Kevin Cahill	AME			ON SITE	7	26
Jean Deschenes	Pilot			ON SITE	7	25
Nikhal Behl	Co-Pilot		31-Jul-16	ON SITE	7	25
Oteng Matsetse	Data Processor			ON SITE	7	26
Eric Seme	Crew Chief			ON SITE	7	22
Tomo Nishimura	Pilot			ON SITE	7	15
Karlo Pavlicevic	Co-Pilot			ON SITE	7	15
Alex Faulkner	Co-Pilot	27-Jul-16		ON SITE	5	5
Alex Pritchard	perations Manage	31-Jul-16		ON SITE	1	1
Jason Thomas	Pilot				0	0
Katherine Svarckopf	light Ops Manage				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	622.5	2332.5
Inductions		12
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

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SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	14403.2	**Total km Flown to Date**	52048.6
Total Remaining (km)	64296.2	**km Reflown This Week**	0.0
Percent Complete (%)	44.7	**Flight Time This Week (h)**	87.6
Prod km/Day This Week	2057.6	**Prod km/Flt Hour This Week**	164.4

WEEKLY PRODUCTION

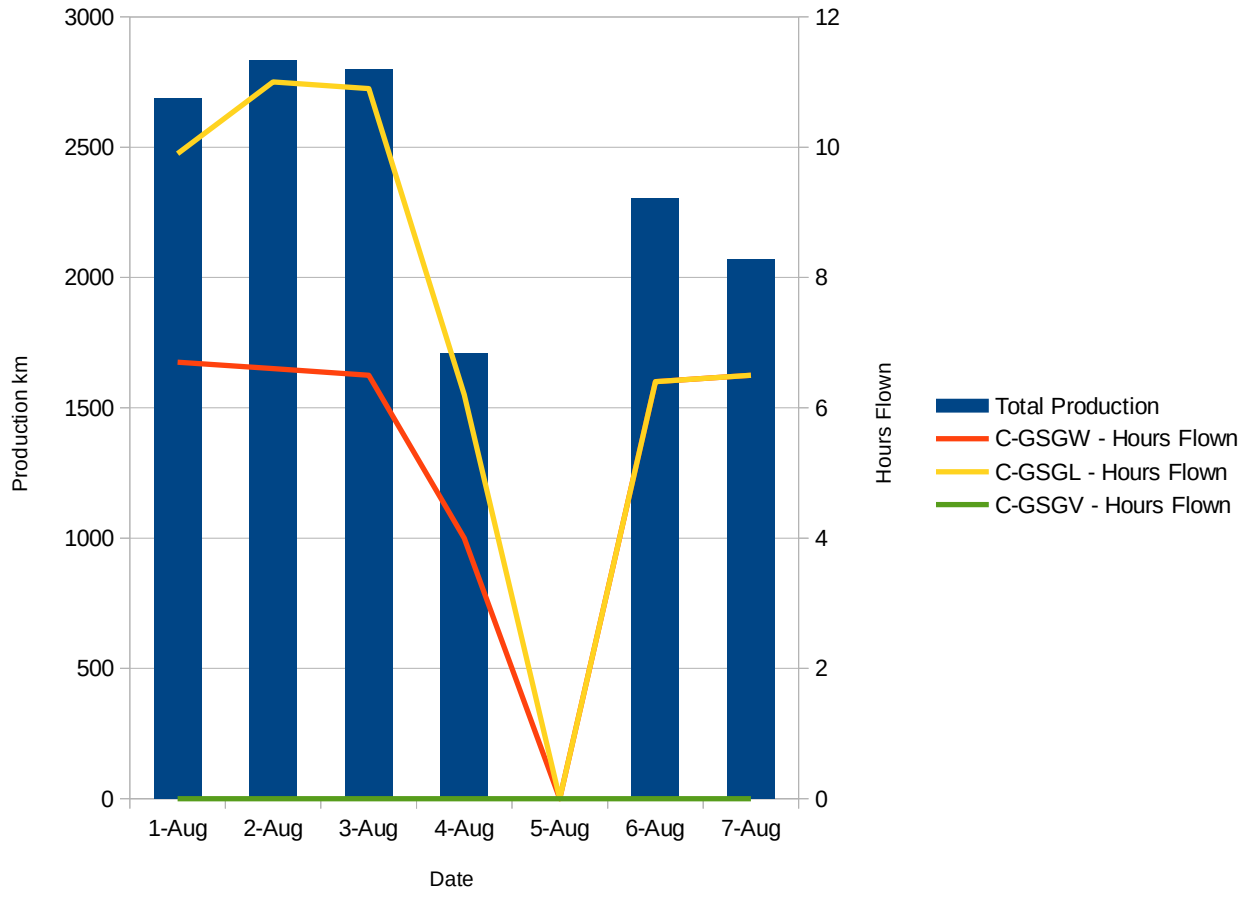
Week 6		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**87.6**	**351.0**	**0.0**	**14403.2**	**0.0**
1-Aug	**Monday**		**16.6**	**60.0**	**0.0**	**2686.6**	**0.0**
	C-GSGW	1022	6.7	24.0	0.0	1027.9	0.0
	C-GSGL	2018	9.9	36.0	0.0	1658.7	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. Second Flight on SGL. SGV offline for maintenance.			
Geomag	Quiet						
2-Aug	**Tuesday**		**17.6**	**74.2**	**0.0**	**2832.5**	**0.0**
	C-GSGW	1023	6.6	19.7	0.0	1098.4	0.0
	C-GSGL	2019	11.0	54.5	0.0	1734.1	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. Second Flight on SGL.			
Geomag	Unsettled						
3-Aug	**Wednesday**		**17.4**	**81.6**	**0.0**	**2800.4**	**0.0**
	C-GSGW	1024	6.5	20.6	0.0	1082.5	0.0
	C-GSGL	2020	10.9	61.0	0.0	1717.9	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. Second Flight on SGL.			
Geomag	Unsettled						
4-Aug	**Thursday**		**10.2**	**42.8**	**0.0**	**1709.2**	**0.0**
	C-GSGW	1025	4.0	13.8	0.0	561.9	0.0
	C-GSGL	2021	6.2	29.0	0.0	1147.3	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. Second Flight on SGL.			
Geomag	Quiet						
5-Aug	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low clouds and rain		**Remarks**	No production flights due to weather.			
Geomag	n/a						
6-Aug	**Saturday**		**12.8**	**39.5**	**0.0**	**2303.2**	**0.0**
	C-GSGW	1026	6.4	17.7	0.0	1154.6	0.0
	C-GSGL	2022	6.4	21.8	0.0	1148.6	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low clouds		**Remarks**	Full Production Flights on SGW and SGL.			
Geomag	Quiet						
7-Aug	**Sunday**		**13.0**	**52.9**	**0.0**	**2071.3**	**0.0**
	C-GSGW	1027	6.5	15.0	0.0	1102.6	0.0
	C-GSGL	2023	6.5	37.9	0.0	968.7	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Cloudy		**Remarks**	Full Production Flights on SGW and SGL.			
Geomag	Quiet						
Comments	A fairly good week of production with one weather day.						
Signed	Eric Seme						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor			ON SITE	7	41
Kevin Michaud	Pilot			ON SITE	7	41
Marianne Durette	Co-Pilot			ON SITE	7	41
Darren McBeth	AME			ON SITE	7	33
Kevin Cahill	AME			ON SITE	7	33
Jean Deschenes	Pilot		4-Aug-16	ON SITE	4	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor			ON SITE	7	33
Eric Seme	Crew Chief			ON SITE	7	29
Tomo Nishimura	Pilot			ON SITE	7	22
Karlo Pavlicevic	Co-Pilot			ON SITE	7	22
Alex Faulkner	Co-Pilot			ON SITE	7	12
Alex Pritchard	perations Manage		3-Aug-16	ON SITE	3	4
Jason Thomas	Pilot	7-Aug-16		ON SITE	1	1
Katherine Svarckopf	light Ops Manage				0	0
Bret Curtis	Pilot				0	0
Diana Kuiper	Data Processor				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	585	585
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

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SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	16904.9	**Total km Flown to Date**	68953.5
Total Remaining (km)	47391.3	**km Reflown This Week**	0.0
Percent Complete (%)	59.3	**Flight Time This Week (h)**	100.9
Prod km/Day This Week	2415.0	**Prod km/Flt Hour This Week**	167.5

WEEKLY PRODUCTION

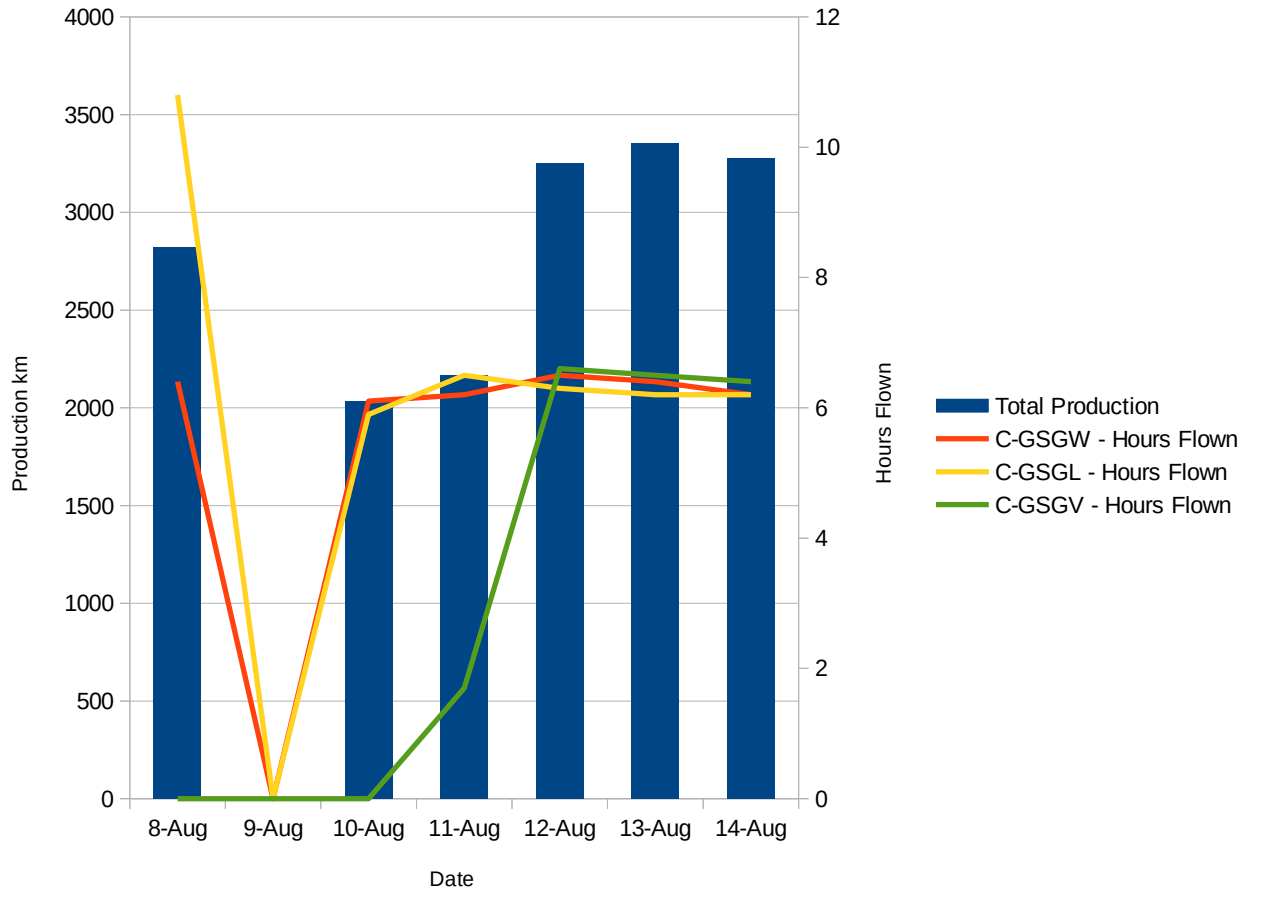
Week 7		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**100.9**	**377.0**	**0.0**	**16904.9**	**0.0**
8-Aug	**Monday**		**17.2**	**68.8**	**0.0**	**2819.6**	**0.0**
	C-GSGW	1028	6.4	14.7	0.0	1102.7	0.0
	C-GSGL	2024	10.8	54.1	0.0	1716.9	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. Second Flight on SGL.			
Geomag	Quiet						
9-Aug	**Tuesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low clouds and overcast		**Remarks**	No production due to weather.			
Geomag	n/a						
10-Aug	**Wednesday**		**12.0**	**62.4**	**0.0**	**2034.5**	**0.0**
	C-GSGW	1029/1030	6.1	22.2	0.0	815.2	0.0
	C-GSGL	2025	5.9	40.2	0.0	1219.3	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. Second Flight on SGL.			
Geomag	unsettled						
11-Aug	**Thursday**		**14.4**	**50.0**	**0.0**	**2166.4**	**0.0**
	C-GSGW	1031	6.2	26.0	0.0	1006.0	0.0
	C-GSGL	2026	6.5	24.0	0.0	1160.4	0.0
	C-GSGV	calibration	1.7	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Production Flights on SGW and SGL. Maintenance test flight and Mag Calibration Flight on SGV			
Geomag	Quiet						
12-Aug	**Friday**		**19.4**	**67.7**	**0.0**	**3250.4**	**0.0**
	C-GSGW	1032	6.5	25.5	0.0	1087.3	0.0
	C-GSGL	2027	6.3	23.2	0.0	1063.7	0.0
	C-GSGV	3004	6.6	19.0	0.0	1099.4	0.0
Weather	Clear		**Remarks**	Full production Flights on SGW, SGL and SGV.			
Geomag	Quiet						
13-Aug	**Saturday**		**19.1**	**72.5**	**0.0**	**3356.8**	**0.0**
	C-GSGW	1033	6.4	31.3	0.0	1048.9	0.0
	C-GSGL	2028	6.2	23.0	0.0	1121.7	0.0
	C-GSGV	3005	6.5	18.2	0.0	1186.2	0.0
Weather	Clear		**Remarks**	Full production Flights on SGW, SGL and SGV.			
Geomag	Quiet						
14-Aug	**Sunday**		**18.8**	**55.6**	**0.0**	**3277.2**	**0.0**
	C-GSGW	1034	6.2	19.1	0.0	1072.8	0.0
	C-GSGL	2029	6.2	21.5	0.0	1112.8	0.0
	C-GSGV	3006	6.4	15.0	0.0	1091.6	0.0
Weather	Scattered Clouds		**Remarks**	Full production Flights on SGW, SGL and SGV.			
Geomag	Quiet						
Comments	A good week of production with all the airplanes flying.						
Signed	Eric Seme						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor			ON SITE	7	48
Kevin Michaud	Pilot			ON SITE	7	48
Marianne Durette	Co-Pilot			ON SITE	7	48
Darren McBeth	AME			ON SITE	7	40
Kevin Cahill	AME			ON SITE	7	40
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor			ON SITE	7	40
Eric Seme	Crew Chief			ON SITE	7	36
Tomo Nishimura	Pilot			ON SITE	7	29
Karlo Pavlicevic	Co-Pilot			ON SITE	7	29
Alex Faulkner	Co-Pilot			ON SITE	7	19
Alex Pritchard	perations Manage				0	4
Jason Thomas	Pilot			ON SITE	7	8
Katherine Svarckopf	light Ops Manage				0	0
Bret Curtis	Pilot				0	0
Diana Kuiper	Data Processor				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	577.5	1162.5
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	13855.0	**Total km Flown to Date**	82808.5
Total Remaining (km)	33536.3	**km Reflown This Week**	0.0
Percent Complete (%)	71.2	**Flight Time This Week (h)**	77.7
Prod km/Day This Week	1979.3	**Prod km/Flt Hour This Week**	178.2

WEEKLY PRODUCTION

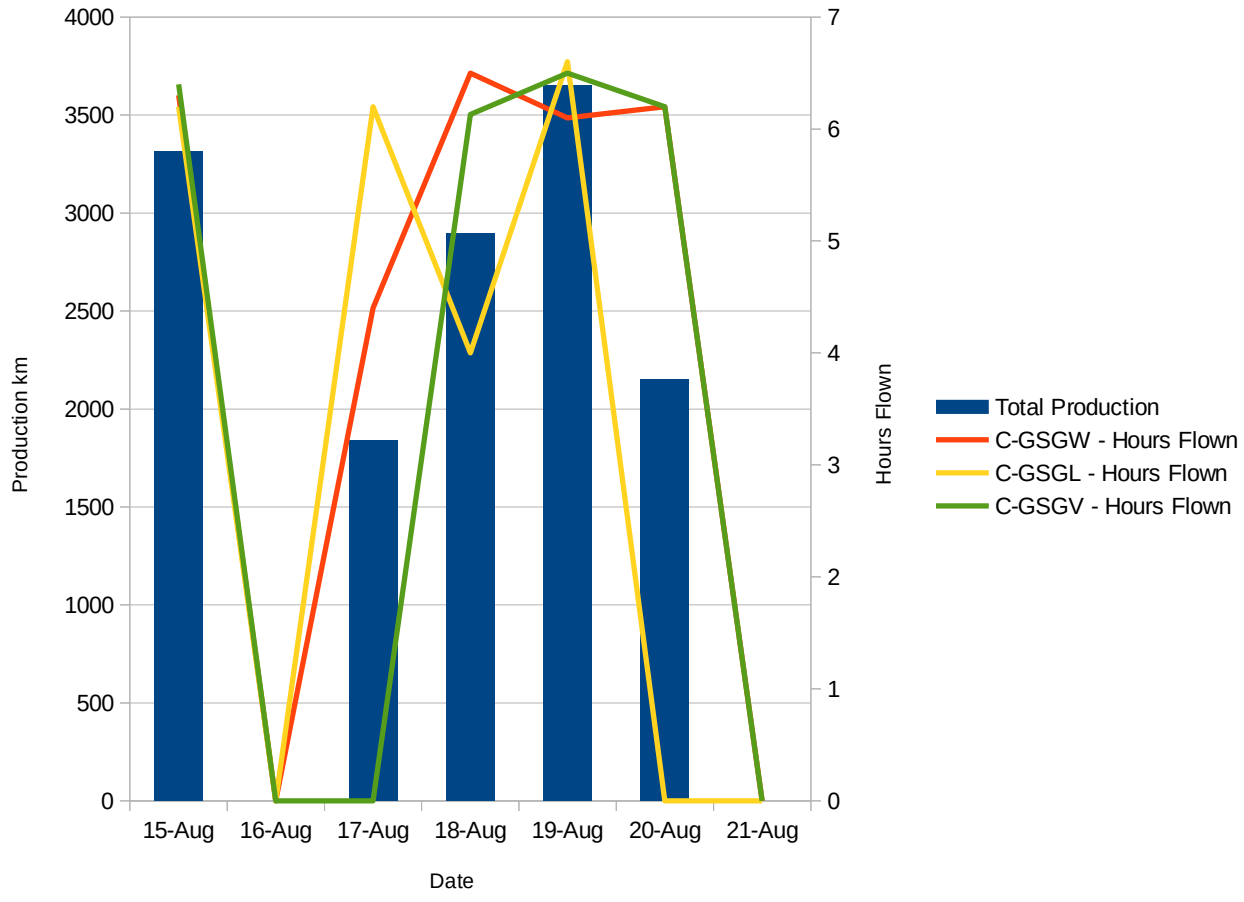
Week 8		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**77.7**	**228.5**	**0.0**	**13855.0**	**0.0**
15-Aug	**Monday**		**18.9**	**57.3**	**0.0**	**3315.2**	**0.0**
	C-GSGW	1035	6.3	18.3	0.0	1061.2	0.0
	C-GSGL	2030	6.2	21.0	0.0	1028.6	0.0
	C-GSGV	3007	6.4	18.0	0.0	1225.4	0.0
Weather	Overcast		**Remarks**	Full production Flights on SGW, SGL and SGV.			
Geomag	Quiet						
16-Aug	**Tuesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low clouds and fog		**Remarks**	no production due to weather.			
Geomag	n/a						
17-Aug	**Wednesday**		**10.6**	**38.0**	**0.0**	**1838.7**	**0.0**
	C-GSGW	1036	4.4	12.0	0.0	736.0	0.0
	C-GSGL	2031	6.2	26.0	0.0	1102.7	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast		**Remarks**	Full production Flights on SGL, a short flight on SGW. .			
Geomag	Quiet						
18-Aug	**Thursday**		**16.6**	**44.4**	**0.0**	**2895.0**	**0.0**
	C-GSGW	1037	6.5	17.4	0.0	1144.9	0.0
	C-GSGL	2032	4.0	13.0	0.0	643.6	0.0
	C-GSGV	3008	**6.1**	14.0	0.0	1106.5	0.0
Weather	Clear		**Remarks**	Full production Flights on SGW and SGV, a short flight on SGL due to a malfunctioning King Radar Altimeter.			
Geomag	unsettled						
19-Aug	**Friday**		**19.2**	**55.8**	**0.0**	**3654.4**	**0.0**
	C-GSGW	1038	6.1	16.0	0.0	1161.3	0.0
	C-GSGL	2033	6.6	23.8	0.0	1279.9	0.0
	C-GSGV	3009	6.5	16.0	0.0	1213.2	0.0
Weather	Overcast		**Remarks**	Full production Flights on SGW, SGL and SGV.			
Geomag	Quiet						
20-Aug	**Saturday**		**12.4**	**33.0**	**0.0**	**2151.7**	**0.0**
	C-GSGW	1039	6.2	19.0	0.0	1076.1	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV	3010	6.2	14.0	0.0	1075.6	0.0
Weather	Overcast		**Remarks**	Full production Flights on SGW and SGV. No flight on SGL due to a malfunctioning King Radar Altimeter.			
Geomag	Quiet						
21-Aug	**Sunday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast, low clouds and rain		**Remarks**	no production due to weather.			
Geomag	n/a						
Comments	A fairly good week of production.						
Signed	Eric Seme						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor			ON SITE	7	55
Kevin Michaud	Pilot			ON SITE	7	55
Marianne Durette	Co-Pilot			ON SITE	7	55
Darren McBeth	AME			ON SITE	7	47
Kevin Cahill	AME			ON SITE	7	47
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor			ON SITE	7	47
Eric Seme	Crew Chief			ON SITE	7	43
Tomo Nishimura	Pilot			ON SITE	7	36
Karlo Pavlicevic	Co-Pilot			ON SITE	7	36
Alex Faulkner	Co-Pilot			ON SITE	7	26
Alex Pritchard	perations Manage				0	4
Jason Thomas	Pilot			ON SITE	7	15
Katherine Svarckopf	light Ops Manage	19-Aug-16		ON SITE	3	3
Bret Curtis	Pilot	19-Aug-16		ON SITE	3	3
Diana Kuiper	Data Processor				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	622.5	1785
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	10155.1	**Total km Flown to Date**	92963.6
Total Remaining (km)	23381.2	**km Reflown This Week**	0.0
Percent Complete (%)	79.9	**Flight Time This Week (h)**	68.7
Prod km/Day This Week	1450.7	**Prod km/Flt Hour This Week**	147.8

WEEKLY PRODUCTION

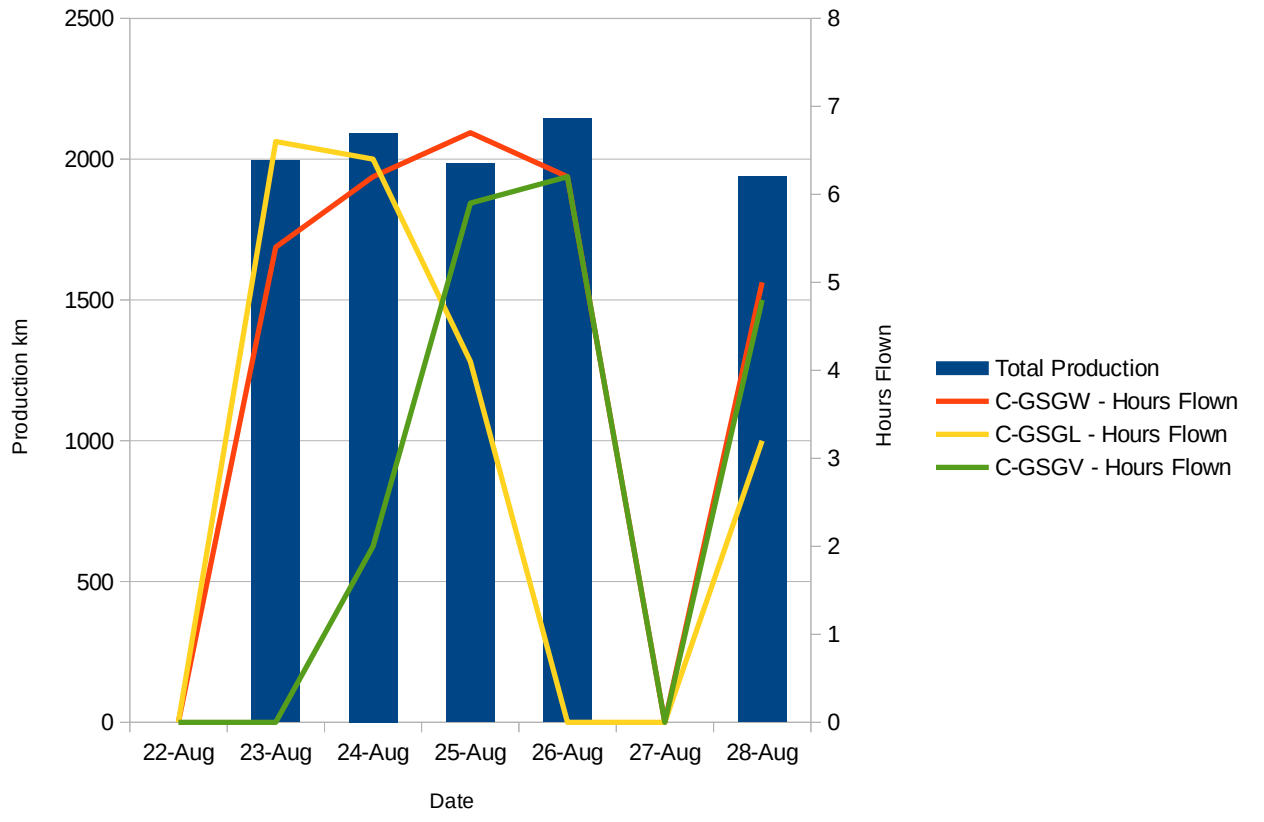
Week 9		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**68.7**	**147.2**	**0.0**	**10155.1**	**0.0**
22-Aug	**Monday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast and Low Clouds		**Remarks**	No production due to weather.			
Geomag	n/a						
23-Aug	**Tuesday**		**12.0**	**29.2**	**0.0**	**1995.0**	**0.0**
	C-GSGW	1040	5.4	12.6	0.0	833.1	0.0
	C-GSGL	2034	6.6	16.6	0.0	1161.9	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Cloudy		**Remarks**	Full production Flights on SGW and SGL. SGV grounded for maintenance.			
Geomag	Quiet						
24-Aug	**Wednesday**		**14.6**	**31.5**	**0.0**	**2092.3**	**0.0**
	C-GSGW	1041	6.2	18.9	0.0	1014.8	0.0
	C-GSGL	2035	6.4	12.6	0.0	1077.5	0.0
	C-GSGV	training	2.0	0.0	0.0	0.0	0.0
Weather	Clear		**Remarks**	Full production Flights on SGW and SGL			
Geomag	Quiet						
25-Aug	**Thursday**		**16.7**	**33.0**	**0.0**	**1985.1**	**0.0**
	C-GSGW	1042	6.7	16.0	0.0	1132.0	0.0
	C-GSGL	training	4.1	0.0	0.0	0.0	0.0
	C-GSGV	3011/3012	5.9	17.0	0.0	853.1	0.0
Weather	Clear		**Remarks**	Full production Flights on SGW and SGV. SGL did a training flight.			
Geomag	Quiet						
26-Aug	**Friday**		**12.4**	**25.9**	**0.0**	**2144.0**	**0.0**
	C-GSGW	1043 / 1044	6.2	11.9	0.0	993.9	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV	3013	6.2	14.0	0.0	1150.1	0.0
Weather	Overcast		**Remarks**	Full production Flights on SGW and SGL . Second flights impossible due to weather.			
Geomag	Quiet						
27-Aug	**Saturday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low overcast, rain		**Remarks**	No flights due to weather.			
Geomag	Quiet						
28-Aug	**Sunday**		**13.0**	**27.6**	**0.0**	**1938.7**	**0.0**
	C-GSGW	1045	5.0	11.0	0.0	778.1	0.0
	C-GSGL	2036	3.2	7.2	0.0	379.6	0.0
	C-GSGV	3014	4.8	9.4	0.0	781.0	0.0
Weather	cloud moving in after noon		**Remarks**	Three flights flown in the morning. Weather deteriorating after noon.			
Geomag	Quiet						
Comments	We continue to make good progress, despite deteriorating weather conditions.						
Signed	Max Buneta						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor		26-Aug-16	ON SITE	5	60
Kevin Michaud	Pilot			ON SITE	7	62
Marianne Durette	Co-Pilot			ON SITE	7	62
Darren McBeth	AME			ON SITE	7	54
Kevin Cahill	AME			ON SITE	7	54
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor		23-Aug-16	ON SITE	2	49
Eric Seme	Crew Chief		27-Aug-16	ON SITE	6	49
Tomo Nishimura	Pilot			ON SITE	7	43
Karlo Pavlicevic	Co-Pilot			ON SITE	7	43
Alex Faulkner	Co-Pilot			ON SITE	7	33
Alex Pritchard	perations Manage				0	4
Jason Thomas	Pilot			ON SITE	7	22
Katherine Svarckopf	light Ops Manage		26-Aug-16	ON SITE	5	8
Bret Curtis	Pilot			ON SITE	7	10
Diana Kuiper	Data Processor	22-Aug-16		ON SITE	7	7
Lindsay Upiter	Data Processor	24-Aug-16		ON SITE	5	5
Max Buneta	Crew Chief	26-Aug-16		ON SITE	3	3
Adam Dalziel	Pilot				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	720	2505
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	0.0	**Total km Flown to Date**	92963.6
Total Remaining (km)	23381.2	**km Reflown This Week**	0.0
Percent Complete (%)	79.9	**Flight Time This Week (h)**	2.7
Prod km/Day This Week	0.0	**Prod km/Flt Hour This Week**	0.0

WEEKLY PRODUCTION

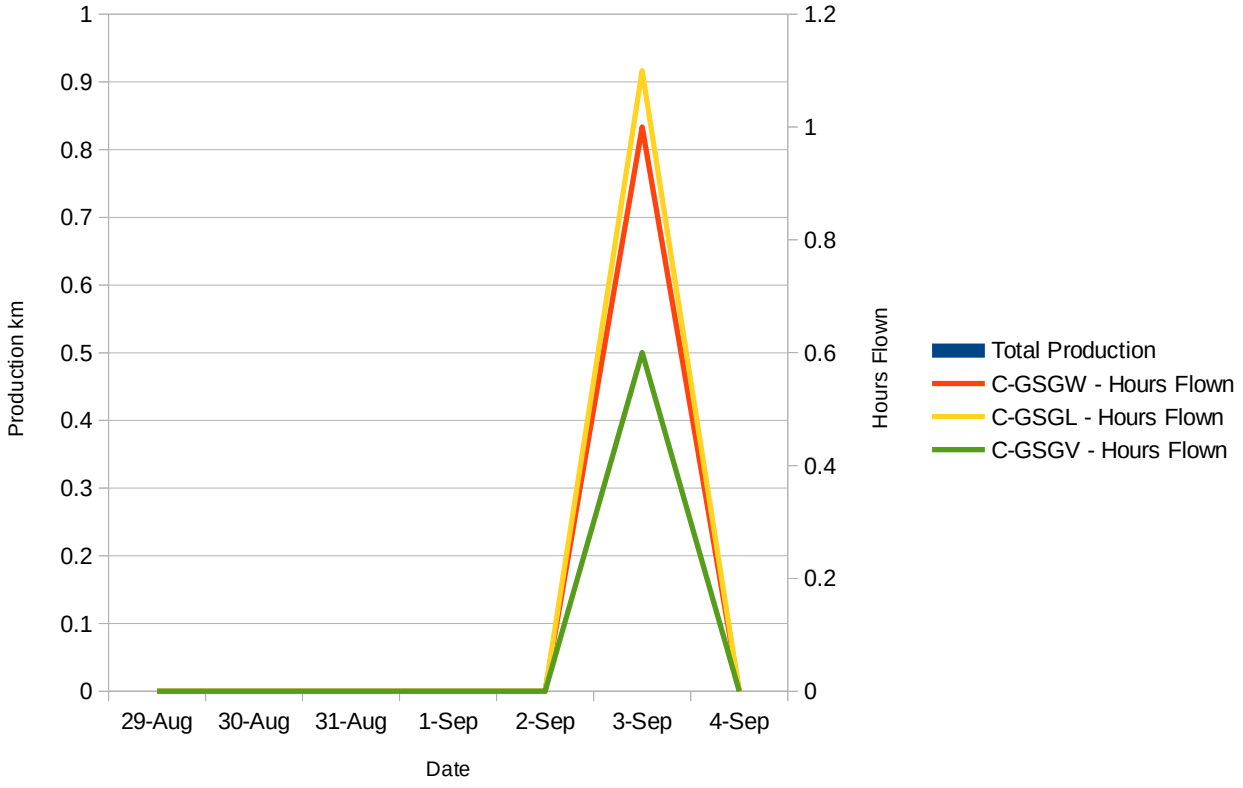
Week 10		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**2.7**	**0.0**	**0.0**	**0.0**	**0.0**
29-Aug	**Monday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low overcast, rain		**Remarks**	No flights due to weather.			
Geomag	quiet						
30-Aug	**Tuesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low overcast, rain		**Remarks**	No flights due to weather.			
Geomag	quiet						
31-Aug	**Wednesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low overcast, rain		**Remarks**	No flights due to weather.			
Geomag	active						
1-Sep	**Thursday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low overcast, rain		**Remarks**	No flights due to weather. Aircraft maintenance performed on C-GSGV			
Geomag	unsettled						
2-Sep	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low overcast, rain		**Remarks**	No flights due to weather. Aircraft maintenance performed on C-GSGV			
Geomag	unsettled						
3-Sep	**Saturday**		**2.7**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW	1046	1.0	0.0	0.0	0.0	0.0
	C-GSGL	2037	1.1	0.0	0.0	0.0	0.0
	C-GSGV	3015	0.6	0.0	0.0	0.0	0.0
Weather	Broken cloud, intermittent rain		**Remarks**	Survey flights were attempted in the afternoon, but thick cloud cover in the survey area prevented any data acquisition.			
Geomag	unsettled						
4-Sep	**Sunday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low overcast		**Remarks**	No flights due to weather. Aircraft maintenance performed on C-GSGV			
Geomag	quiet						
Comments	The entire region has been under thick cloud cover and rain all week, and unfortunately no production flights were flown. We continue to monitor the weather closely and are ready to take advantage of any breaks.						
Signed	Max Buneta						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor				0	60
Kevin Michaud	Pilot			ON SITE	7	69
Marianne Durette	Co-Pilot			ON SITE	7	69
Darren McBeth	AME			ON SITE	7	61
Kevin Cahill	AME		2-Sep-16	ON SITE	5	59
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor				0	49
Eric Seme	Crew Chief				0	49
Tomo Nishimura	Pilot			ON SITE	7	50
Karlo Pavlicevic	Co-Pilot			ON SITE	7	50
Alex Faulkner	Co-Pilot			ON SITE	7	40
Alex Pritchard	perations Manage				0	4
Jason Thomas	Pilot		29-Aug-16	ON SITE	1	23
Katherine Svarckopf	light Ops Manage				0	8
Bret Curtis	Pilot			ON SITE	7	17
Diana Kuiper	Data Processor			ON SITE	7	14
Lindsay Upiter	Data Processor			ON SITE	7	12
Max Buneta	Crew Chief			ON SITE	7	10
Adam Dalziel	Pilot	30-Aug-16		ON SITE	6	6
Nathan Shirey	AME	2-Sep-16		ON SITE	3	3

HSE Statistics	This Week	Project Totals
SGL Person Hours	637.5	3142.5
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

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SURVEY DETAILS

Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY

Production This Week (km)	6277.5	**Total km Flown to Date**	99241.1
Total Remaining (km)	17103.7	**km Reflown This Week**	0.0
Percent Complete (%)	85.3	**Flight Time This Week (h)**	41.2
Prod km/Day This Week	896.8	**Prod km/Flt Hour This Week**	152.4

WEEKLY PRODUCTION

Week 11		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**41.2**	**115.3**	**0.0**	**6277.5**	**0.0**
5-Sep	**Monday**		**12.4**	**31.8**	**0.0**	**1823.5**	**0.0**
	C-GSGW	1047	3.6	11.9	0.0	596.8	0.0
	C-GSGL	2038	4.7	9.9	0.0	685.3	0.0
	C-GSGV	3016	4.1	10.0	0.0	541.4	0.0
Weather	Clearing in the afternoon		**Remarks**	Survey flights were flown in the afternoon once weather cleared.			
Geomag	unsettled						
6-Sep	**Tuesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low overcast, rain		**Remarks**	No flights due to weather.			
Geomag	usettled						
7-Sep	**Wednesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low overcast		**Remarks**	No flights due to weather.			
Geomag	unsettled						
8-Sep	**Thursday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Overcast		**Remarks**	No flights due to weather.			
Geomag	unsettled						
9-Sep	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather			**Remarks**	No flights due to weather.			
Geomag	quiet						
10-Sep	**Saturday**		**18.5**	**54.4**	**0.0**	**2883.3**	**0.0**
	C-GSGW	1048	6.3	18.0	0.0	799.2	0.0
	C-GSGL	2039	6.1	19.0	0.0	955.7	0.0
	C-GSGV	3017	6.1	17.4	0.0	1128.4	0.0
Weather	Scattered cloud		**Remarks**	All three aircraft flew full survey flights today. C-GSGL performed a radar test.			
Geomag	unsettled						
11-Sep	**Sunday**		**10.3**	**29.1**	**0.0**	**1570.7**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2040	4.0	11.8	0.0	569.4	0.0
	C-GSGV	3018	6.3	17.3	0.0	1001.3	0.0
Weather	few clouds		**Remarks**	Two afternoon survey flights flown. C-GSGW departed Smithers.			
Geomag	quiet						
Comments	Weather cleared up towards the end of the week, allowing for survey flights to continue on Saturday and Sunday. C-GSGW has departed Smithers to join a different project. We expect to complete the project with two aircraft.						

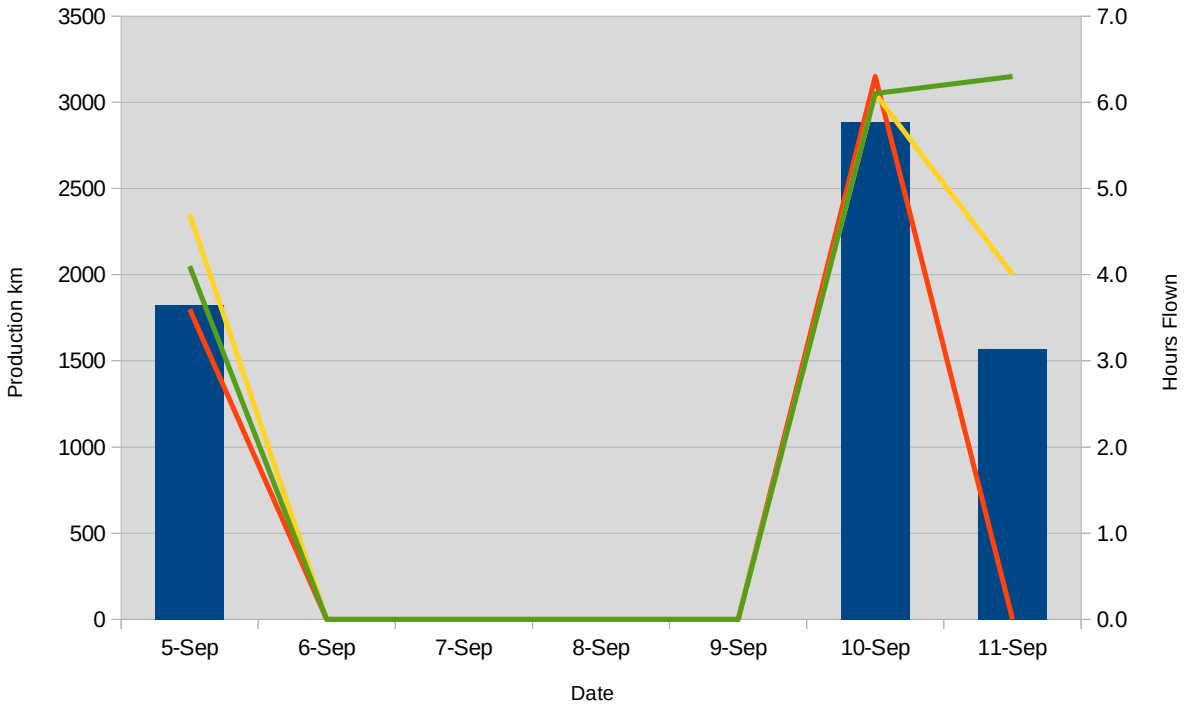
Signed Max Buneta

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor				0	60
Kevin Michaud	Pilot		11-Sep-16	ON SITE	7	76
Marianne Durette	Co-Pilot		11-Sep-16	ON SITE	7	76
Darren McBeth	AME		6-Sep-16	ON SITE	2	63
Kevin Cahill	AME				0	59
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor				0	49
Eric Seme	Crew Chief				0	49
Tomo Nishimura	Pilot			ON SITE	7	57
Karlo Pavlicevic	Co-Pilot		11-Sep-16	ON SITE	7	57
Alex Faulkner	Co-Pilot			ON SITE	7	47
Alex Pritchard	perations Manag				0	4
Jason Thomas	Pilot				0	23
Katherine Svarckopf	light Ops Manage				0	8
Bret Curtis	Pilot			ON SITE	7	24
Diana Kuiper	Data Processor		7-Sep-16	ON SITE	3	17
Lindsay Upiter	Data Processor			ON SITE	7	19
Max Buneta	Crew Chief			ON SITE	7	17
Adam Dalziel	Pilot		11-Sep-16	ON SITE	7	13
Nathan Shirey	AME			ON SITE	7	10
Emmett Schmidt	AME	6-Sep-16		ON SITE	6	6
Randall Forwell	Pilot	10-Sep-16		ON SITE	2	2

HSE Statistics	This Week	Project Totals
SGL Person Hours	622.5	3765
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS			
Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY			
Production This Week (km)	9118.3	**Total km Flown to Date**	108359.4
Total Remaining (km)	7985.4	**km Reflown This Week**	198.9
Percent Complete (%)	93.1	**Flight Time This Week (h)**	60.7
Prod km/Day This Week	1302.6	**Prod km/Flt Hour This Week**	150.2

WEEKLY PRODUCTION

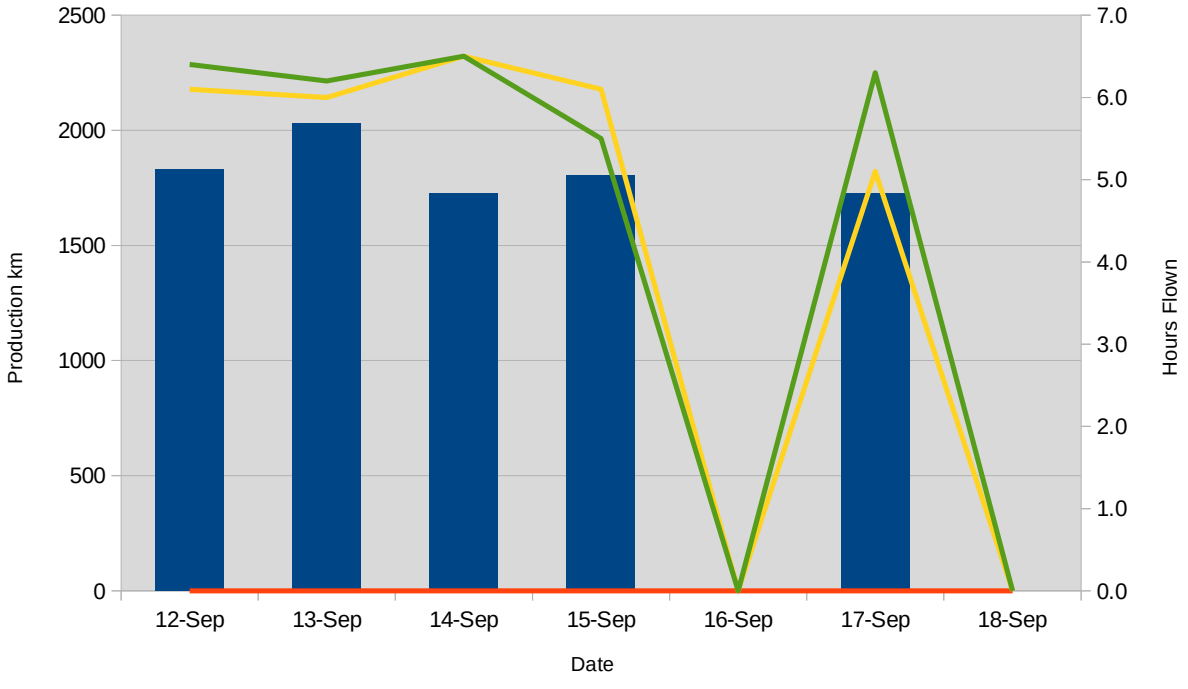
Week 12		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**60.7**	**168.1**	**3.5**	**9118.3**	**198.9**
12-Sep	**Monday**		**12.5**	**39.2**	**0.9**	**1831.9**	**39.1**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2041	6.1	19.1	0.2	794.7	10.0
	C-GSGV	3019	6.4	20.1	0.7	1037.2	29.1
Weather	clear		**Remarks**	Two flights were flown today.			
Geomag	quiet						
13-Sep	**Tuesday**		**12.2**	**33.5**	**0.0**	**2032.4**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2042	6.0	13.5	0.0	910.5	0.0
	C-GSGV	3020	6.2	20.0	0.0	1121.9	0.0
Weather	clear		**Remarks**	Two flights were flown today.			
Geomag	quiet						
14-Sep	**Wednesday**		**13.0**	**41.0**	**0.0**	**1725.9**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2043	6.5	28.1	0.0	761.8	0.0
	C-GSGV	3021	6.5	12.9	0.0	964.1	0.0
Weather	few clouds		**Remarks**	Two flights were flown.			
Geomag	unsettled						
15-Sep	**Thursday**		**11.6**	**33.9**	**1.4**	**1802.9**	**81.1**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2044	6.1	17.0	0.0	893.4	0.0
	C-GSGV	3022	5.5	16.9	1.4	909.5	81.1
Weather	High overcast, afternoon rain		**Remarks**	Two flights, despite marginal weather.			
Geomag	quiet						
16-Sep	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low overcast, rain		**Remarks**	Due to low clouds and rain, no flights flown.			
Geomag	quiet						
17-Sep	**Saturday**		**11.4**	**20.5**	**1.2**	**1725.2**	**78.7**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2045	5.1	8.0	1.0	684.4	63.5
	C-GSGV	3023	6.3	12.5	0.2	1040.8	15.2
Weather	Broken cloud, some rain		**Remarks**	Two flights, despite marginal weather.			
Geomag	quiet						
18-Sep	**Sunday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low overcast, rain		**Remarks**	No flights today, due to low ceilings and rain.			
Geomag	quiet						
Comments	We managed five full production days this week, despite challenging weather conditions on some of the days.						
Signed	Max Buneta						

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor				0	60
Kevin Michaud	Pilot				0	76
Marianne Durette	Co-Pilot				0	76
Darren McBeth	AME				0	63
Kevin Cahill	AME				0	59
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor				0	49
Eric Seme	Crew Chief				0	49
Tomo Nishimura	Pilot			ON SITE	7	64
Karlo Pavlicevic	Co-Pilot				0	57
Alex Faulkner	Co-Pilot			ON SITE	7	54
Alex Pritchard	perations Manag				0	4
Jason Thomas	Pilot				0	23
Katherine Svarckopf	light Ops Manage				0	8
Bret Curtis	Pilot		16-Sep-16	ON SITE	5	29
Diana Kuiper	Data Processor				0	17
Lindsay Upiter	Data Processor			ON SITE	7	26
Max Buneta	Crew Chief			ON SITE	7	24
Adam Dalziel	Pilot				0	13
Nathan Shirey	AME			ON SITE	7	17
Emmett Schmidt	AME			ON SITE	7	13
Randall Forwell	Pilot			ON SITE	7	9
Nikhal Behl	Pilot	16-Sep-16		ON SITE	3	3

HSE Statistics	This Week	Project Totals
SGL Person Hours	427.5	4192.5
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS

Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY

Production This Week (km)	4627.2	**Total km Flown to Date**	112986.6
Total Remaining (km)	3358.2	**km Reflown This Week**	48.7
Percent Complete (%)	97.1	**Flight Time This Week (h)**	39.8
Prod km/Day This Week	661.0	**Prod km/Flt Hour This Week**	116.3

WEEKLY PRODUCTION

Week 13		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**39.8**	**92.2**	**0.9**	**4627.2**	**48.7**
19-Sep	**Monday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low overcast, rain		**Remarks**	No flights today due to low ceilings and isolated rain showers.			
Geomag	quiet						
20-Sep	**Tuesday**		**5.8**	**12.8**	**0.0**	**642.1**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2046	3.0	7.8	0.0	373.3	0.0
	C-GSGV	3024	2.8	5.0	0.0	268.8	0.0
Weather	Clearing in the afternoon		**Remarks**	Managed two flights in the afternoon once weather cleared.			
Geomag	quiet						
21-Sep	**Wednesday**		**12.5**	**27.2**	**0.0**	**1859.6**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2047	6.2	14.0	0.0	859.1	0.0
	C-GSGV	3025	6.3	13.2	0.0	1000.5	0.0
Weather	Clear		**Remarks**	Two full flights flown			
Geomag	Quiet						
22-Sep	**Thursday**		**12.9**	**42.4**	**0.2**	**1665.5**	**12.7**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2048	6.5	30.0	0.0	744.0	0.0
	C-GSGV	3026	6.4	12.4	0.2	921.5	12.7
Weather	Clear		**Remarks**	Two full flights flown			
Geomag	Quiet						
23-Sep	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	cloudy		**Remarks**	No flights due to low ceilings			
Geomag							
24-Sep	**Saturday**		**8.6**	**9.8**	**0.7**	**460.0**	**36.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2049	3.7	8.8	0.7	392.4	36.0
	C-GSGV	3027	4.9	1.0	0.0	67.6	0.0
Weather	cloudy		**Remarks**	SGL flew production, and SGV preformed a test flight before weather moved in.			
Geomag	quiet						
25-Sep	**Sunday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low cloud, rain.		**Remarks**	No flights today due to low ceilings and rain.			
Geomag	quiet						

Comments We made some more progress this week. Importantly, we got a couple of flights in the SW extension which is mountainous and frequently weathered out.

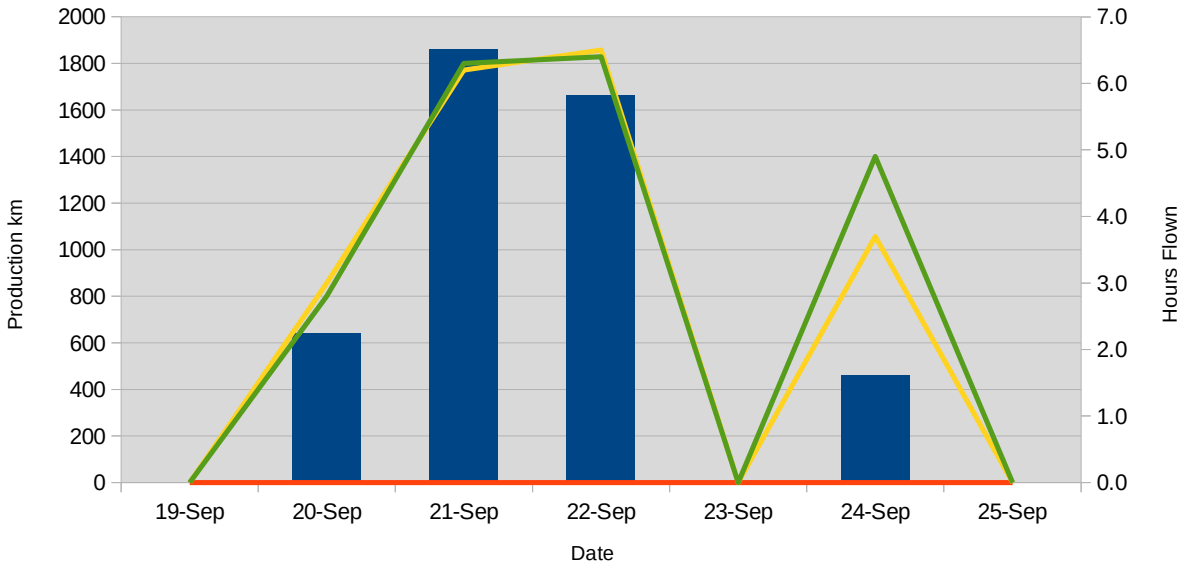
Signed Max Buneta

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor				0	60
Kevin Michaud	Pilot				0	76
Marianne Durette	Co-Pilot				0	76
Darren McBeth	AME				0	63
Kevin Cahill	AME				0	59
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor				0	49
Eric Seme	Crew Chief				0	49
Tomo Nishimura	Pilot			ON SITE	7	71
Karlo Pavlicevic	Co-Pilot				0	57
Alex Faulkner	Co-Pilot			ON SITE	7	61
Alex Pritchard	perations Manag				0	4
Jason Thomas	Pilot				0	23
Katherine Svarckopf	light Ops Manage				0	8
Bret Curtis	Pilot				0	29
Diana Kuiper	Data Processor				0	17
Lindsay Upiter	Data Processor			ON SITE	7	33
Max Buneta	Crew Chief			ON SITE	7	31
Adam Dalziel	Pilot				0	13
Nathan Shirey	AME		20-Sep-16	ON SITE	2	19
Emmett Schmidt	AME			ON SITE	7	20
Randall Forwell	Pilot		22-Sep-16	ON SITE	4	13
Nikhal Behl	Pilot			ON SITE	7	10
Gerry McGrath	AME	20-Sep-16		ON SITE	6	6
Matt Lemay	Pilot	21-Sep-16		ON SITE	5	5
Roger Knott	AME				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	442.5	4635
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

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SURVEY DETAILS

Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY

Production This Week (km)	3353.2	**Total km Flown to Date**	116339.8
Total Remaining (km)	5.0	**km Reflown This Week**	513.0
Percent Complete (%)	99.996	**Flight Time This Week (h)**	33.3
Prod km/Day This Week	479.0	**Prod km/Flt Hour This Week**	100.7

WEEKLY PRODUCTION

Week 14		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**33.3**	**71.3**	**18.7**	**3353.2**	**513.0**
26-Sep	**Monday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	Low cloud, rain		**Remarks**	No flights today due to low overcast and rain.			
Geomag	quiet						
27-Sep	**Tuesday**		**2.9**	**1.9**	**0.0**	**180.2**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2050	2.9	1.9	0.0	180.2	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	low, broken cloud layers		**Remarks**	Some production was accomplished, but marginal weather conditions prevented access to most of the block.			
Geomag	unsettled						
28-Sep	**Wednesday**		**12.7**	**29.4**	**14.7**	**1153.6**	**383.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2051	6.3	4.5	14.7	335.7	383.0
	C-GSGV	3028	6.4	24.9	0.0	817.9	0.0
Weather	clear		**Remarks**	Completed all of the lines in the main and French Project blocks. Only the extension in the SW remains.			
Geomag	active						
29-Sep	**Thursday**		**9.7**	**24.0**	**1.0**	**1352.4**	**23.2**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2052	4.9	10.0	1.0	668.1	23.2
	C-GSGV	3029	4.8	14.0	0.0	684.3	0.0
Weather	partially cloudy		**Remarks**	Two production flights completed in the afternoon after the weather cleared.			
Geomag	active						
30-Sep	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast		**Remarks**	No flights today due to low cloud cover			
Geomag	unsettled						
1-Oct	**Saturday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast		**Remarks**	No flights today due to low cloud cover			
Geomag	quiet						
2-Oct	**Sunday**		**8.0**	**16.0**	**3.0**	**667.0**	**106.8**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2053	3.7	6.0	2.0	266.0	86.5
	C-GSGV	3030	4.3	10.0	1.0	401.0	20.3
Weather	partially cloudy		**Remarks**	A flight in the SW extension. Significant drape deviations present due to cloud. Some will have to be reflown.			
Geomag	unsettled						

Comments Almost done, but we still need one good weather day in the SW extension to finish things off.

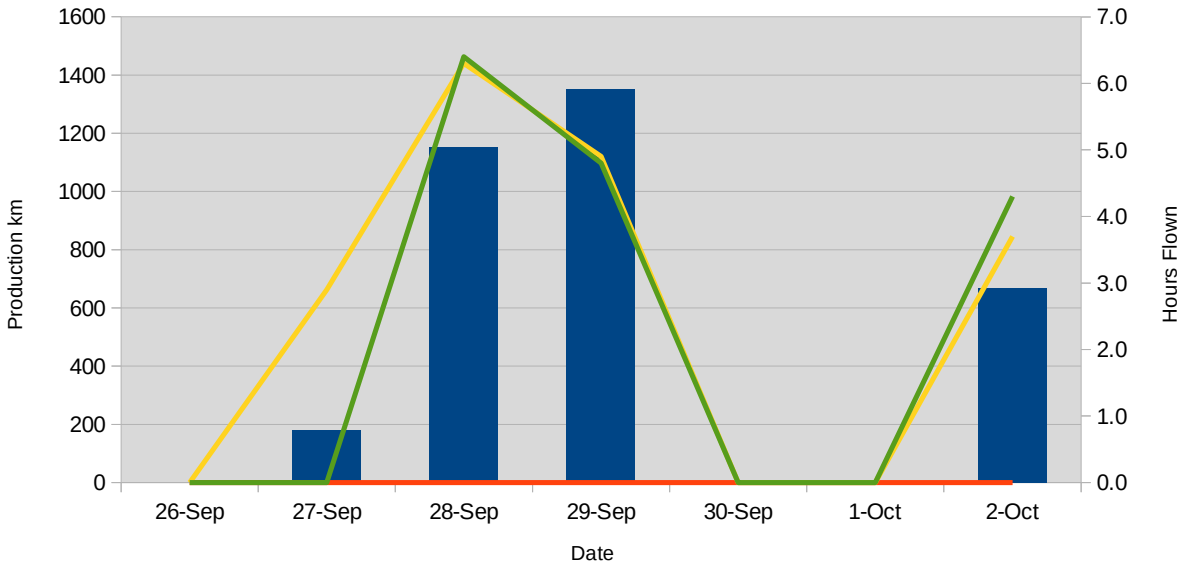
Signed Max Buneta

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor				0	60
Kevin Michaud	Pilot				0	76
Marianne Durette	Co-Pilot				0	76
Darren McBeth	AME				0	63
Kevin Cahill	AME				0	59
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor				0	49
Eric Seme	Crew Chief				0	49
Tomo Nishimura	Pilot			ON SITE	7	78
Karlo Pavlicevic	Co-Pilot				0	57
Alex Faulkner	Co-Pilot			ON SITE	7	68
Alex Pritchard	perations Manag				0	4
Jason Thomas	Pilot				0	23
Katherine Svarckopf	light Ops Manage				0	8
Bret Curtis	Pilot				0	29
Diana Kuiper	Data Processor				0	17
Lindsay Upiter	Data Processor			ON SITE	7	40
Max Buneta	Crew Chief			ON SITE	7	38
Adam Dalziel	Pilot				0	13
Nathan Shirey	AME				0	19
Emmett Schmidt	AME			ON SITE	7	27
Randall Forwell	Pilot				0	13
Nikhal Behl	Pilot			ON SITE	7	17
Gerry McGrath	AME			ON SITE	7	13
Matt Lemay	Pilot			ON SITE	7	12
Roger Knott	AME				0	0

HSE Statistics	This Week	Project Totals
SGL Person Hours	420	5055
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS

Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY

Production This Week (km)	0.0	**Total km Flown to Date**	116339.8
Total Remaining (km)	5.0	**km Reflown This Week**	0.0
Percent Complete (%)	99.996	**Flight Time This Week (h)**	0.0
Prod km/Day This Week	0.0	**Prod km/Flt Hour This Week**	

WEEKLY PRODUCTION

Week 15		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
3-Oct	**Monday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast		**Remarks**	No production due to low overcast			
Geomag							
4-Oct	**Tuesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast, rain		**Remarks**	No production due to low overcast and rain			
Geomag							
5-Oct	**Wednesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast		**Remarks**	No production due to low overcast			
Geomag							
6-Oct	**Thursday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast		**Remarks**	No production due to low overcast			
Geomag							
7-Oct	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast, rain		**Remarks**	No production due to low overcast and rain			
Geomag							
8-Oct	**Saturday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast, rain		**Remarks**	No production due to low overcast and rain			
Geomag							
9-Oct	**Sunday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	overcast		**Remarks**	No production due to low overcast			
Geomag							

Comments Another week of overcast skies, fog, and rain. No survey flights were flown as a result. We are hoping for a couple of flight days at the start of next week.

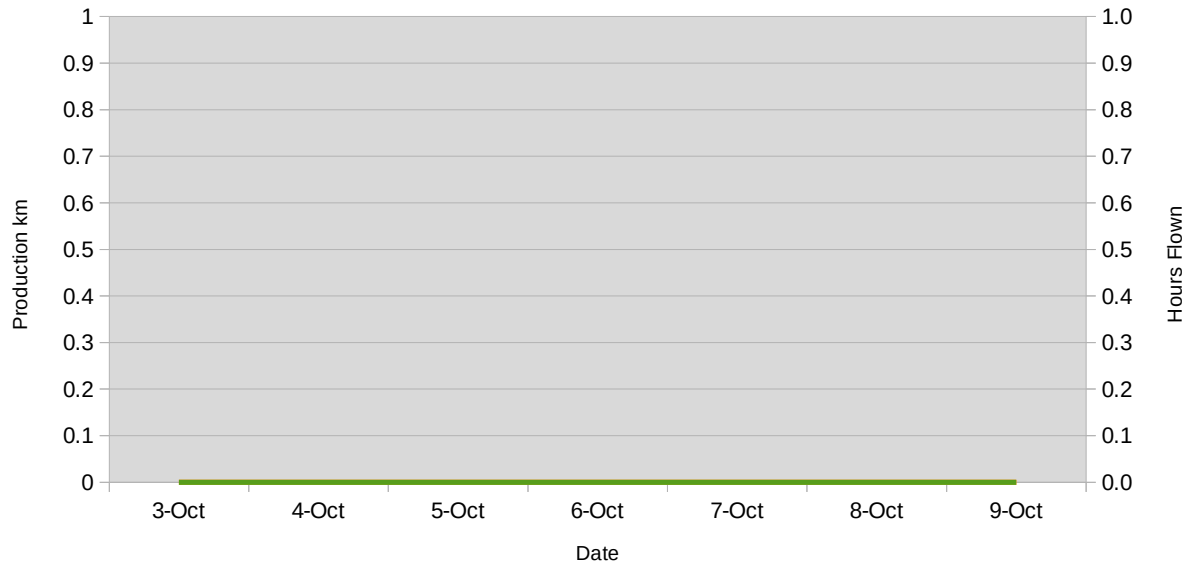
Signed Max Buneta

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor				0	60
Kevin Michaud	Pilot				0	76
Marianne Durette	Co-Pilot				0	76
Darren McBeth	AME				0	63
Kevin Cahill	AME				0	59
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor				0	49
Eric Seme	Crew Chief				0	49
Tomo Nishimura	Pilot			ON SITE	7	85
Karlo Pavlicevic	Co-Pilot				0	57
Alex Faulkner	Co-Pilot			ON SITE	7	75
Alex Pritchard	perations Manage				0	4
Jason Thomas	Pilot				0	23
Katherine Svarckopf	light Ops Manage				0	8
Bret Curtis	Pilot				0	29
Diana Kuiper	Data Processor				0	17
Lindsay Upiter	Data Processor			ON SITE	7	47
Max Buneta	Crew Chief			ON SITE	7	45
Adam Dalziel	Pilot				0	13
Nathan Shirey	AME				0	19
Emmett Schmidt	AME			ON SITE	7	34
Randall Forwell	Pilot				0	13
Nikhal Behl	Pilot			ON SITE	7	24
Gerry McGrath	AME		5-Oct-16	ON SITE	3	16
Matt Lemay	Pilot			ON SITE	7	19
Roger Knott	AME	4-Oct-16		ON SITE	6	6

HSE Statistics	This Week	Project Totals
SGL Person Hours	435	5490
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



SANDER GEOPHYSICS AIRBORNE GEOPHYSICAL SURVEY

260 Hunt Club Road, Ottawa, ON K1V 1C1 Canada Tel: +1 613-521-9626 Fax: +1 613-521-0215 www.sgl.com

SURVEY DETAILS

Survey Name	Search Project Phase 2	**Client Name**	Geoscience BC
Survey Location	Burns Lake, BC	**Contact Name**	Bruce Madu
Project Code	Geosci16.BC	**Contact Phone**	(604) 662-4147
Total km	116344.82	**Client Address**	1101-750 W. Pender St., Vancouver, BC, V6C 2T7
Line Spacing	250m x 2500m		
Survey Type	Radiometric & Mag Gradient	**Email**	madu@geosciencebc.com

SURVEY PRODUCTION SUMMARY

Production This Week (km)	5.0	**Total km Flown to Date**	116344.8
Total Remaining (km)	0.0	**km Reflown This Week**	711.6
Percent Complete (%)	100.000	**Flight Time This Week (h)**	7.5
Prod km/Day This Week	0.7	**Prod km/Flt Hour This Week**	0.7

WEEKLY PRODUCTION

Week 16		Flight No.	Flight Time	No. of Lines Flown	No. Reflight Lines Flown	Production (km)	Reflown (km)
TOTALS			**7.5**	**0.1**	**15.1**	**5.0**	**711.6**
10-Oct	**Monday**		**2.3**	**0.0**	**3.1**	**0.0**	**123.1**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2054	2.3	0.0	3.1	0.0	123.1
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	partially cloud, clear		**Remarks**	SGL flew a later production flight, but low clouds only allowed for a handful of lines.			
Geomag	unsettled						
11-Oct	**Tuesday**		**5.2**	**0.1**	**12.0**	**5.0**	**588.5**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL	2055	5.2	0.1	12.0	5.0	588.5
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	clear		**Remarks**	Beautiful weather, complete flight flown. All planned and reflight flights completed!			
Geomag	quiet						
12-Oct	**Wednesday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather	clear		**Remarks**	Demobilization begins. Both aircraft depart Smithers to take advantage of the good weather. Received client approval			
Geomag							
13-Oct	**Thursday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather			**Remarks**	Demobilization continues.			
Geomag							
14-Oct	**Friday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather			**Remarks**	Demobilization continues. Ground crew leaves Smithers.			
Geomag							
15-Oct	**Saturday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather			**Remarks**				
Geomag							
16-Oct	**Sunday**		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
	C-GSGW		0.0	0.0	0.0	0.0	0.0
	C-GSGL		0.0	0.0	0.0	0.0	0.0
	C-GSGV		0.0	0.0	0.0	0.0	0.0
Weather			**Remarks**				
Geomag							

Comments We have finally gotten the weather break we were waiting for. The final flight was flown on Tuesday, completing all outstanding reflights

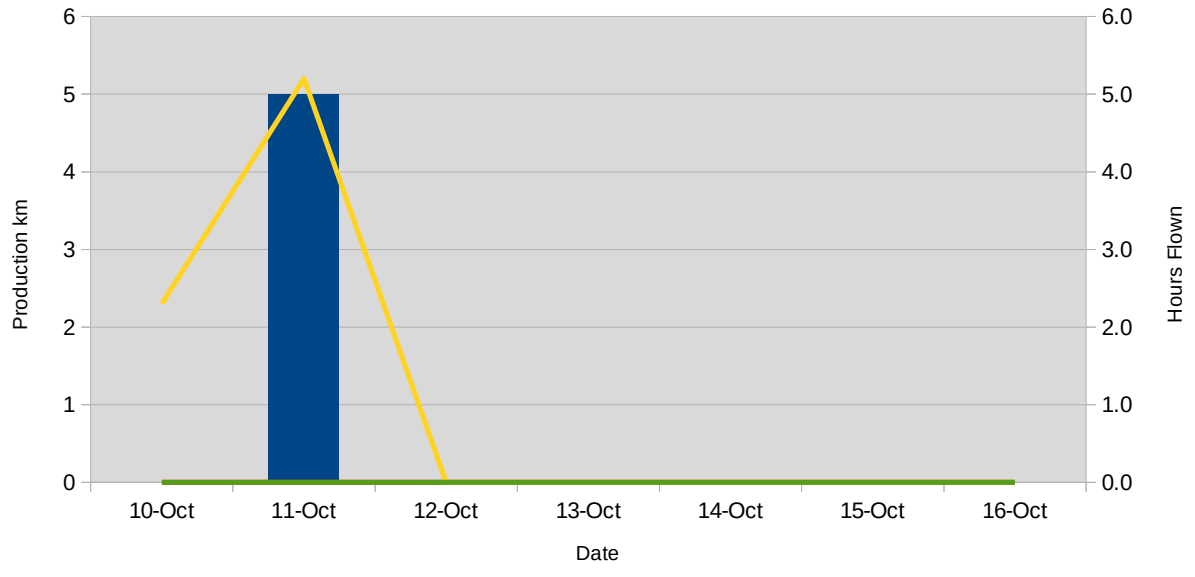
Signed Max Buneta

PERSONNEL ON SITE THIS WEEK

Name	Position	Arrival This Week	Departure This Week	On Site?	No. of Days On Site This Week	No. of Days on Site To Date
Adam Jones	Crew Chief				0	23
Ryan Millar	Data Processor				0	60
Kevin Michaud	Pilot				0	76
Marianne Durette	Co-Pilot				0	76
Darren McBeth	AME				0	63
Kevin Cahill	AME				0	59
Jean Deschenes	Pilot				0	29
Nikhal Behl	Co-Pilot				0	25
Oteng Matsetse	Data Processor				0	49
Eric Seme	Crew Chief				0	49
Tomo Nishimura	Pilot		12-Oct-16	ON SITE	3	88
Karlo Pavlicevic	Co-Pilot				0	57
Alex Faulkner	Co-Pilot		12-Oct-16	ON SITE	3	78
Alex Pritchard	perations Manag				0	4
Jason Thomas	Pilot				0	23
Katherine Svarckopf	light Ops Manage				0	8
Bret Curtis	Pilot				0	29
Diana Kuiper	Data Processor				0	17
Lindsay Upiter	Data Processor		14-Oct-16	ON SITE	5	52
Max Buneta	Crew Chief		14-Oct-16	ON SITE	5	50
Adam Dalziel	Pilot				0	13
Nathan Shirey	AME				0	19
Emmett Schmidt	AME		14-Oct-16	ON SITE	5	39
Randall Forwell	Pilot				0	13
Nikhal Behl	Pilot		12-Oct-16	ON SITE	3	27
Gerry McGrath	AME				0	16
Matt Lemay	Pilot		12-Oct-16	ON SITE	3	22
Roger Knott	AME		14-Oct-16	ON SITE	5	11

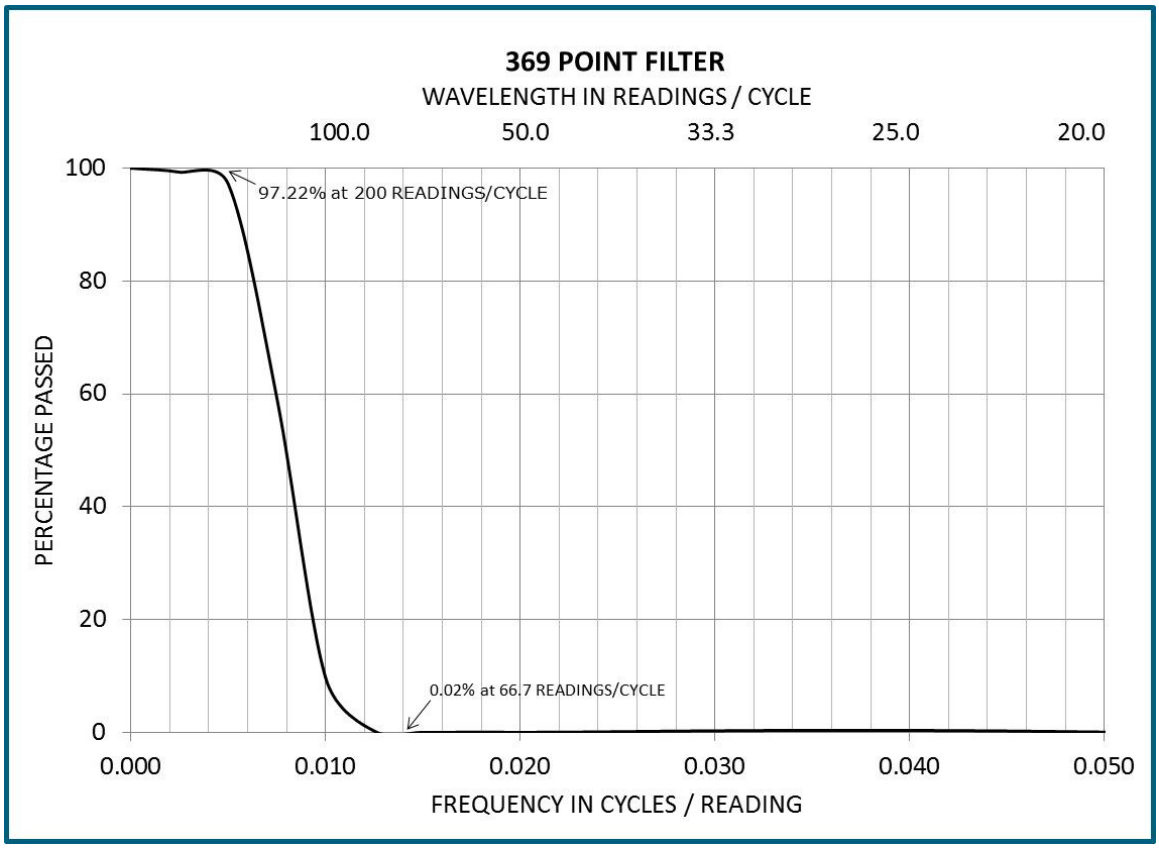
HSE Statistics	This Week	Project Totals
SGL Person Hours	240	5730
Inductions		0
Near Miss		0
First Aid Case (FAC)		0
Medical Treatment Case (MTC)		0
Restricted Work Case (RWC)		0
Lost Time Injuries (LTI)		0

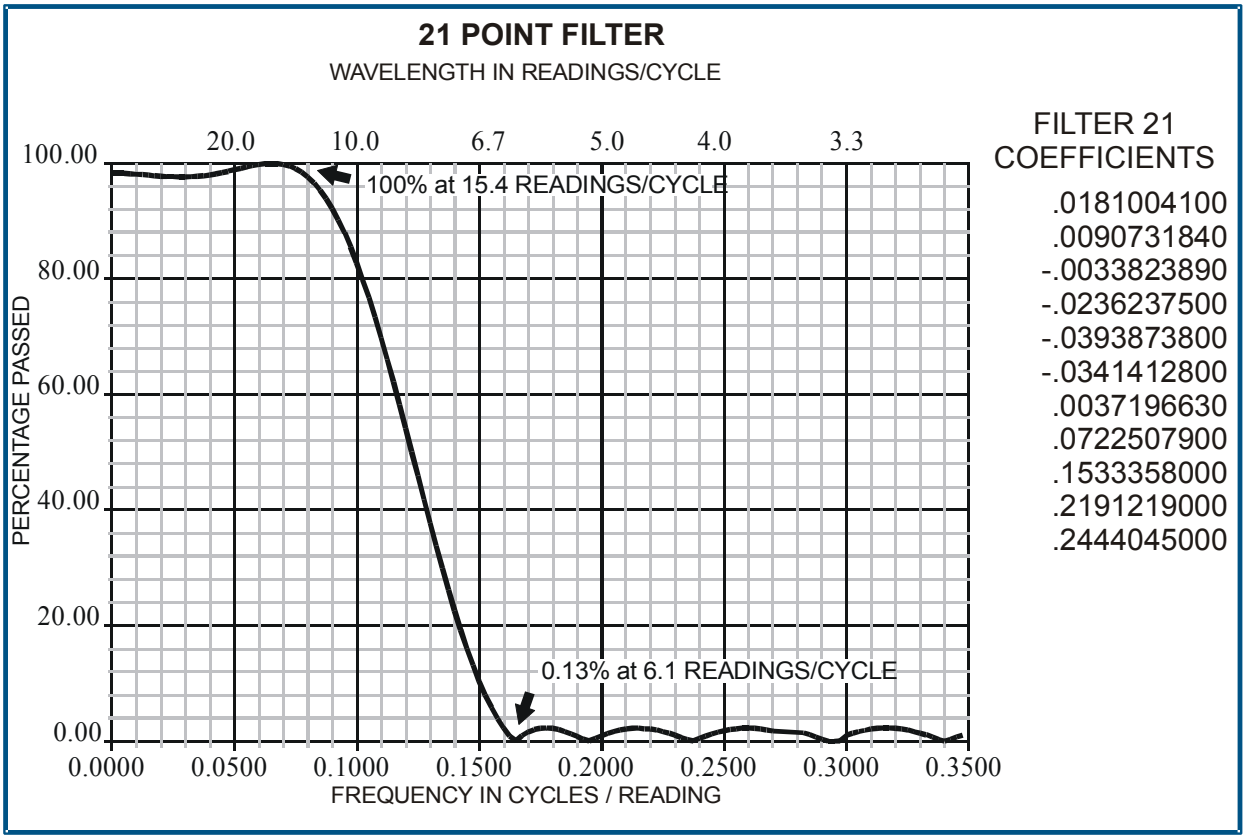
WEEKLY PRODUCTION KILOMETRES AND HOURS FLOWN



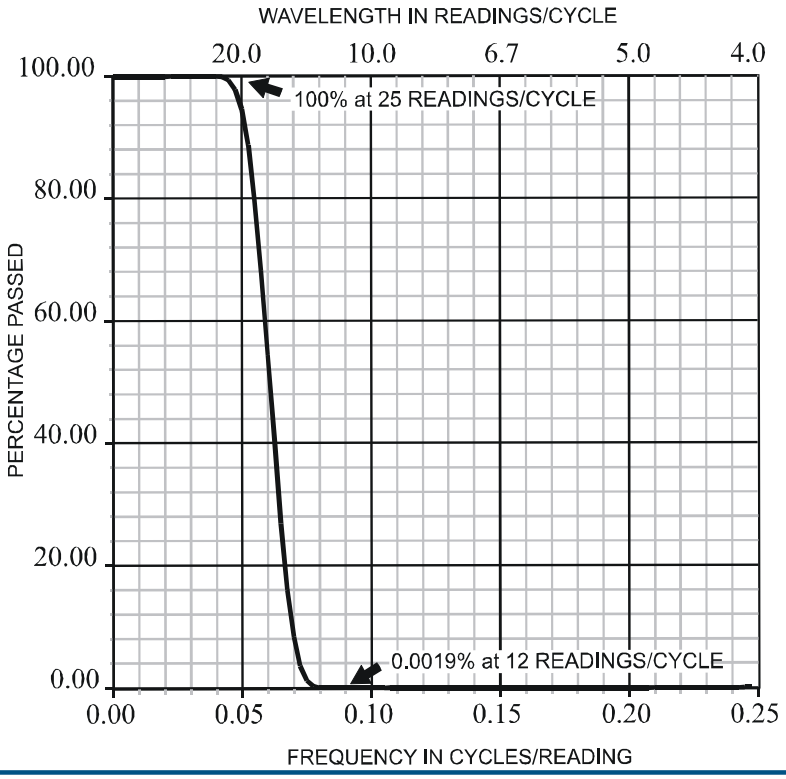
Appendix XIII




369 POINT FILTER
WAVELENGTH IN READINGS / CYCLE
100.0
50.0
33.3
25.0
20.0
100
80
60
40
20
0
PERCENTAGE PASSED
97.22% at 200 READINGS/CYCLE
0.02% at 66.7 READINGS/CYCLE
0.000
0.010
0.020
0.030
0.040
0.050
FREQUENCY IN CYCLES / READING

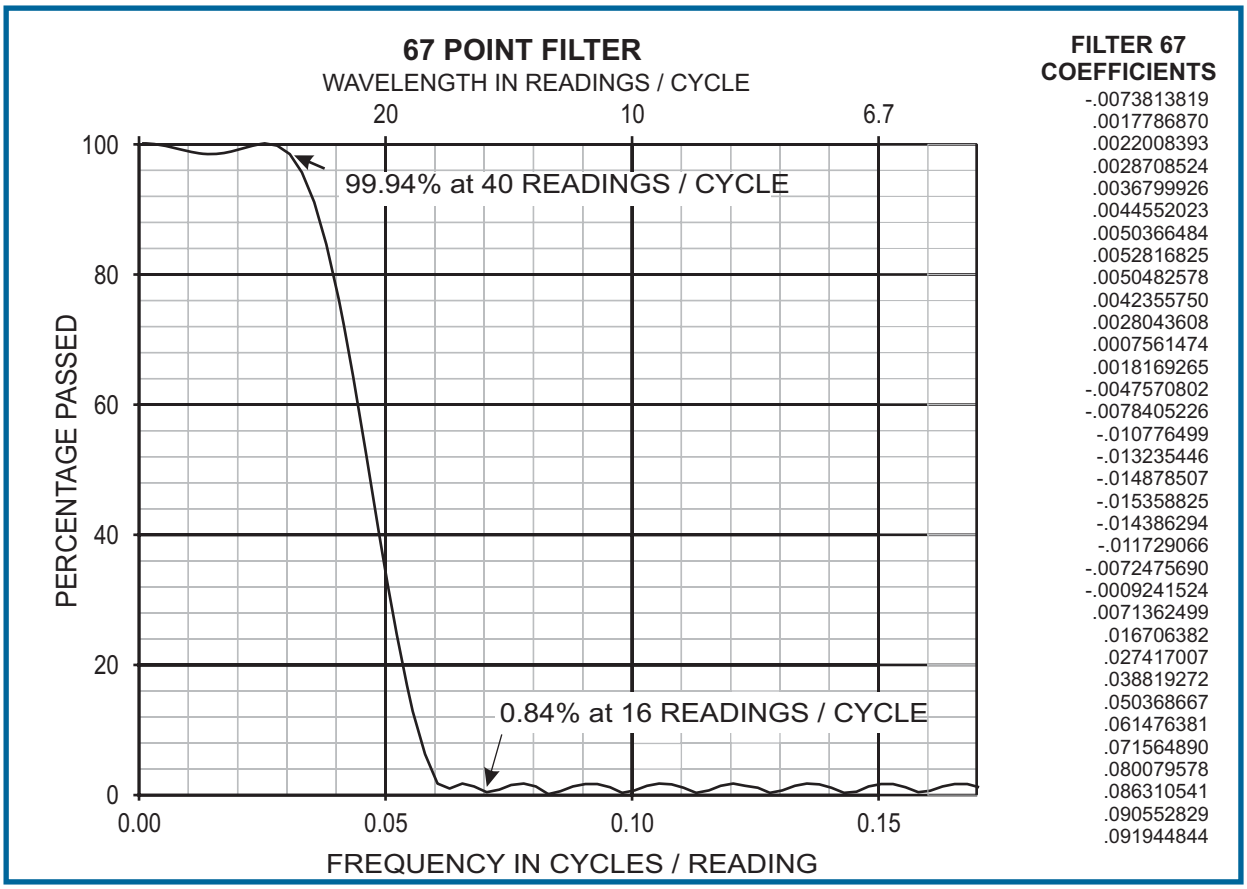

21 POINT FILTER
WAVELENGTH IN READINGS/CYCLE
20.0
10.0
6.7
5.0
4.0
3.3
100.00
80.00
60.00
40.00
20.00
0.00
PERCENTAGE PASSED
100% at 15.4 READINGS/CYCLE
0.13% at 6.1 READINGS/CYCLE
0.0000
0.0500
0.1000
0.1500
0.2000
0.2500
0.3000
0.3500
FREQUENCY IN CYCLES / READING
FILTER 21
COEFFICIENTS
.0181004100
.0090731840
-.0033823890
-.0236237500
-.0393873800
-.0341412800
.0037196630
.0722507900
.1533358000
.2191219000
.2444045000

131 POINT FILTER



131 FILTER COEFFICIENTS

.0000260972	.0021227699	.0387007609
-.0000215508	.0013318287	.0587941859
-.0000347301	.0001445621	.0784115155
-.0000527685	-.0013145414	.0958773646
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-.0000759605	-.0042091576	.1184433040
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.0001815251	-.0032317683	
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.0002754251	.0080698676	
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.0024068490	.0033276342	
.0024719976	.0197483320	



FILTER 67 COEFFICIENTS

-.0073813819
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.0050482578
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.091944844

Appendix XIV



Radiometric Data Adjustments

Adjustments to Data Post September 6th 2016

Scale Factor			
Total	**Potassium**	**Uranium**	**Thorium**
1.19	1.19	1.28	1.17
1.14	1.15	1.12	1.12
1.13	1.13	1.27	1.14

Adjustments to Entire Flights

	Scale Factor			
Flight	**Total**	**Potassium**	**Uranium**	**Thorium**
1001	1.05	1.10	1.00	1.00
1002	1.07	1.05	1.00	1.00
1003	1.05	1.15	1.10	1.00
1004	1.00	1.10	1.00	1.00
1005	1.07	1.10	1.00	1.05
1008	1.05	1.10	1.00	1.10
1012	1.05	1.05	1.00	1.00
1013	1.00	1.10	1.00	1.00
1014	1.00	1.10	1.00	1.00
1016	1.00	1.05	1.00	1.00
1018	1.05	1.10	1.00	1.00
1019	1.00	1.10	1.00	1.00
1021	1.00	1.05	1.00	1.05
1024	1.00	1.05	1.00	1.00
1047	1.10	1.05	1.00	1.05
1048	1.00	1.05	1.00	1.00
2003	1.10	1.10	1.00	1.10
2010	1.00	1.00	1.00	1.05
2013	1.08	1.00	1.00	1.00
2015	1.00	1.00	0.90	1.00
3001	1.00	1.00	1.20	1.05
3006	1.00	1.00	1.00	1.05
3016	1.10	1.08	1.00	1.08
3019	1.00	1.08	1.00	1.08

Radiometric Data Adjustments

Adjustments to Individual Lines

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1050.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
1051.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
1055.00	Start of Line	End of Line	1.00	0.90	0.90	1.00
1056.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
1060.00	Start of Line	End of Line	1.00	0.90	0.90	1.00
1061.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
1068.00	Start of Line	End of Line	1.00	0.92	0.90	1.00
1069.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1078.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
1079.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
1088.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
1109.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1119.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1122.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1122.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1123.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1123.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1128.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1129.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1129.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1133.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1139.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1148.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1149.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1149.00	Start of Line	End of Line	1.00	0.97	1.00	1.00
1153.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
1158.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1159.00	Start of Line	End of Line	1.00	0.95	1.10	1.00
1159.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1164.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
1168.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1169.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1169.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1178.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1179.00	Start of Line	End of Line	0.97	0.95	1.10	1.00
1179.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1188.00	Start of Line	End of Line	1.00	0.95	0.95	1.00
1189.00	Start of Line	End of Line	1.00	0.95	1.05	1.00
1189.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1198.00	Start of Line	End of Line	0.97	1.00	1.00	1.00
1209.00	65750.00	End of Line	0.97	1.00	1.00	0.90
1248.00	Start of Line	77728.00	1.00	1.00	1.25	1.00
1249.00	69090.00	End of Line	1.00	1.00	1.25	1.00
1251.00	Start of Line	66380.00	1.00	1.00	0.80	1.00
1254.00	Start of Line	66720.00	1.00	1.00	1.10	1.00
1256.00	68610.00	End of Line	1.00	1.00	0.90	1.00
1258.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1267.00	76740.00	76844.00	1.00	1.00	1.00	0.95
1267.00	77324.00	End of Line	1.00	1.00	1.00	0.93
1269.00	63028.00	63226.00	1.00	1.00	1.00	1.05
1271.00	79950.00	End of Line	1.00	1.00	1.05	1.00
1271.00	Start of Line	79530.00	1.00	1.05	1.00	1.00
1272.00	62270.00	62490.00	1.00	1.00	1.10	1.00
1273.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1274.00	61480.00	61682.00	1.00	1.00	1.00	1.10
1274.00	61488.00	61600.00	1.00	1.00	0.95	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1274.00	Start of Line	61200.00	1.00	0.95	1.00	1.00
1275.00	63560.00	63668.00	1.00	1.00	1.00	1.05
1275.00	63840.00	End of Line	1.00	1.00	1.00	1.05
1276.00	Start of Line	80750.00	1.00	1.00	1.05	1.00
1276.00	80968.00	End of Line	1.00	1.05	1.00	1.00
1278.00	Start of Line	75234.00	1.00	1.00	1.07	1.07
1279.00	Start of Line	60256.00	1.00	1.00	1.00	1.05
1280.00	Start of Line	End of Line	1.00	1.05	1.00	1.00
1281.00	Start of Line	81600.00	1.00	1.05	1.00	1.00
1283.00	66972.00	End of Line	1.00	1.00	1.10	1.00
1283.00	66860.00	End of Line	1.00	1.00	1.00	1.05
1285.00	Start of Line	End of Line	1.00	1.00	1.08	1.00
1285.00	74480.00	74980.00	1.00	1.00	1.10	1.00
1285.00	75000.00	End of Line	1.00	1.05	1.00	1.00
1286.00	Start of Line	82290.00	1.00	1.05	1.00	1.00
1286.00	82850.00	82890.00	1.00	1.00	1.00	0.95
1287.00	67240.00	End of Line	1.00	1.00	1.05	1.00
1288.00	Start of Line	67325.00	1.00	1.00	0.95	1.00
1290.00	Start of Line	End of Line	1.05	1.05	1.00	1.00
1290.00	60986.00	61280.00	1.00	1.05	1.00	1.00
1290.00	61768.00	End of Line	1.00	1.05	1.05	1.00
1292.00	70142.00	End of Line	1.00	0.95	1.00	1.00
1295.00	Start of Line	73222.00	1.00	1.05	1.00	1.00
1296.00	73820.00	End of Line	1.00	1.05	1.00	1.00
1297.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
1297.00	58530.00	End of Line	1.00	1.00	1.00	0.95
1298.00	57650.00	End of Line	1.00	1.00	0.90	1.00
1299.00	Start of Line	End of Line	1.00	0.92	1.00	1.00
1299.00	67550.00	67680.99	1.00	1.00	1.00	1.05
1300.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
1300.00	70342.00	End of Line	1.00	1.00	1.00	1.05
1300.00	70264.00	70450.00	1.00	0.95	1.00	1.00
1302.00	70264.00	60666.00	1.00	1.00	1.00	0.95
1305.00	70656.00	70740.00	1.00	1.00	1.10	1.00
1306.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1307.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1307.00	65252.00	65680.00	1.00	1.00	1.10	1.00
1308.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
1309.00	61004.00	61142.00	1.00	1.00	0.85	1.00
1310.00	69774.00	69914.00	1.00	1.00	1.15	1.00
1311.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1312.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1312.00	63390.00	63730.00	1.00	1.00	1.10	1.00
1316.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1317.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1317.00	62174.00	62430.00	1.00	0.95	1.13	1.00
1318.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1320.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1324.00	61196.00	61368.00	1.00	1.00	1.05	1.00
1324.00	61280.00	61444.00	1.00	1.00	1.00	1.10
1325.00	Start of Line	End of Line	1.00	0.92	1.00	1.00
1325.00	65800.00	65980.00	1.00	0.95	1.10	1.00
1327.00	Start of Line	End of Line	1.00	1.00	1.05	1.00
1327.00	63210.00	63426.00	1.00	1.00	0.90	1.00
1329.00	59440.00	End of Line	1.07	1.00	1.10	1.00
1330.00	Start of Line	67390.00	1.00	1.00	0.95	1.00
1331.00	Start of Line	64890.00	1.00	1.00	0.90	1.00
1331.00	Start of Line	64890.00	1.00	1.00	1.00	1.05

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1331.00	65000.00	65086.00	1.00	1.00	1.00	1.10
1336.00	72000.00	72250.00	1.00	1.00	0.90	1.00
1336.00	71940.00	72220.00	1.00	1.00	0.90	1.00
1337.00	69500.00	69660.00	1.00	1.00	0.90	1.00
1340.00	66390.00	66780.00	1.00	1.05	1.00	1.00
1342.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1342.00	64272.00	End of Line	1.00	1.00	1.00	1.10
1342.00	64180.00	64350.00	1.00	0.95	0.90	1.00
1342.00	64600.00	End of Line	1.00	1.00	1.00	1.10
1343.00	66630.00	End of Line	1.00	1.00	1.00	0.95
1344.00	64340.00	64510.00	1.00	1.00	1.10	1.00
1346.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1346.00	65590.00	65830.00	1.00	1.00	0.90	1.00
1346.00	65278.00	65426.00	1.00	1.00	0.90	1.00
1347.00	59730.00	End of Line	1.00	1.00	0.85	1.00
1347.00	59304.00	59690.00	1.00	0.90	1.00	1.10
1347.00	59234.00	59390.00	1.00	1.00	1.00	1.10
1347.00	59720.00	59885.00	1.00	1.00	0.90	1.00
1348.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
1351.00	69600.00	69716.00	1.00	0.95	1.00	1.05
1352.00	69648.00	69832.00	1.00	0.95	1.00	1.00
1352.00	60720.00	61040.00	1.00	0.90	1.00	1.20
1352.00	60470.00	60630.00	1.00	1.00	0.95	1.00
1357.00	Start of Line	End of Line	0.95	1.00	0.85	1.00
1357.00	64712.00	65064.00	1.00	0.95	1.00	1.05
1359.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1361.00	75030.00	75140.00	1.00	1.00	1.00	1.15
1362.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1362.00	Start of Line	66020.00	1.00	1.00	0.90	1.00
1362.00	66170.00	66464.00	1.00	1.00	1.00	1.15
1363.00	76710.00	76820.00	1.00	1.05	1.00	0.95
1363.00	76800.00	77066.00	1.00	1.00	1.00	0.95
1363.00	76430.00	76960.00	1.00	1.00	1.00	0.95
1364.00	68690.00	End of Line	1.00	1.00	1.10	1.00
1364.00	68990.00	End of Line	1.00	1.00	1.10	1.00
1364.00	Start of Line	68800.00	1.00	1.00	1.00	0.90
1365.00	62574.00	62774.00	1.00	0.95	1.00	1.00
1366.00	68824.00	End of Line	1.00	1.00	1.05	1.08
1368.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
1369.00	76110.00	End of Line	1.00	1.00	1.00	0.95
1369.00	76010.00	76152.00	1.00	1.05	1.00	1.00
1370.00	Start of Line	End of Line	1.00	1.05	1.10	1.05
1371.00	79410.00	End of Line	1.00	1.00	1.10	1.00
1371.00	79478.00	End of Line	1.00	1.00	1.00	1.05
1372.00	Start of Line	End of Line	1.00	1.00	0.95	0.95
1372.00	61600.00	61682.00	1.00	1.00	1.00	0.93
1376.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1376.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1377.00	Start of Line	End of Line	1.00	1.05	0.95	1.00
1377.00	70030.00	70120.00	1.00	1.00	1.00	0.95
1377.00	69680.00	69810.00	1.00	1.00	1.00	0.95
1378.00	Start of Line	End of Line	1.00	1.10	1.05	1.10
1378.00	78030.00	78126.00	1.00	1.00	1.10	1.00
1378.00	Start of Line	77850.00	1.00	1.00	1.00	1.05
1380.00	Start of Line	74545.00	1.00	1.00	1.00	0.95
1380.00	74910.00	75130.00	1.00	1.00	1.00	0.95
1382.00	64400.00	64586.00	1.00	1.00	0.95	1.00
1383.00	Start of Line	70780.00	1.00	1.05	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1384.00	Start of Line	End of Line	1.00	1.00	1.05	1.00
1385.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1385.00	65340.00	65610.00	1.00	0.95	1.00	1.00
1386.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1386.00	Start of Line	73970.00	1.00	1.00	0.90	1.00
1386.00	73780.00	74040.00	1.00	0.95	1.00	1.00
1386.00	73780.00	73788.00	1.00	0.95	1.00	1.00
1387.00	Start of Line	68310.00	1.00	0.90	1.00	1.00
1388.00	Start of Line	End of Line	1.00	1.05	1.00	0.95
1388.00	81770.00	81970.00	1.00	1.00	0.85	1.00
1388.00	81650.00	81842.00	1.00	1.05	1.00	1.00
1389.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
1389.00	Start of Line	72230.00	1.00	1.00	0.95	1.00
1389.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
1390.00	Start of Line	End of Line	1.00	1.05	1.00	0.95
1390.00	64280.00	64505.00	1.00	1.00	0.90	1.00
1391.00	Start of Line	End of Line	1.00	1.00	1.10	1.05
1392.00	67020.00	End of Line	1.00	1.00	1.10	1.00
1393.00	Start of Line	End of Line	1.00	1.05	1.00	1.00
1393.00	74890.00	End of Line	1.00	1.00	0.95	0.95
1394.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
1394.00	69300.00	69330.00	1.00	1.00	1.10	1.00
1396.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1397.00	Start of Line	End of Line	1.00	1.00	1.10	1.10
1397.00	Start of Line	72090.00	1.00	1.05	1.00	1.00
1400.00	Start of Line	End of Line	1.00	1.05	0.85	1.00
1400.00	70870.00	71080.00	1.00	1.00	1.10	1.00
1401.00	Start of Line	End of Line	1.00	1.00	0.85	1.00
1401.00	72100.00	72188.00	1.00	1.00	1.00	0.95
1401.00	71850.00	End of Line	1.00	1.00	0.95	0.95
1402.00	Start of Line	End of Line	1.00	1.00	0.85	1.00
1402.00	75938.00	76594.00	1.00	1.05	1.00	1.00
1402.00	Start of Line	76710.00	1.00	1.00	0.95	0.95
1403.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
1403.00	Start of Line	End of Line	1.00	1.10	1.00	1.00
1404.00	60460.00	60710.00	1.00	1.00	0.95	1.00
1404.00	60950.00	61010.00	1.00	1.00	1.10	1.00
1404.00	60330.00	End of Line	1.00	1.00	1.00	1.05
1406.00	Start of Line	End of Line	1.00	1.00	1.10	1.05
1407.00	Start of Line	73190.00	1.00	1.00	1.10	1.00
1409.00	64640.00	End of Line	1.00	1.00	0.85	1.00
1411.00	71410.00	End of Line	1.00	1.00	1.10	1.00
1411.00	71690.00	71820.00	1.00	1.00	1.10	1.00
1412.00	65990.00	66160.00	1.00	1.00	1.10	1.00
1413.00	77460.00	77920.00	1.00	1.00	0.85	1.00
1413.00	77522.00	77690.00	1.00	1.00	0.90	1.00
1414.00	65718.00	65866.00	1.00	1.00	0.95	1.00
1416.00	72880.00	72970.00	1.00	1.00	1.10	1.00
1417.00	62698.00	62754.00	1.00	1.00	1.10	1.00
1417.00	62690.00	62760.00	1.00	1.00	1.10	1.00
1419.00	Start of Line	78446.00	1.00	1.00	0.90	1.00
1424.00	Start of Line	67740.00	1.00	1.05	1.00	1.00
1425.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1425.00	68800.00	End of Line	1.00	1.05	1.00	1.00
1434.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
1434.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1435.00	Start of Line	End of Line	1.00	1.00	0.85	1.00
1435.00	Start of Line	73800.00	1.00	1.00	1.00	0.95

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1436.00	Start of Line	75320.00	1.00	1.00	0.85	1.00
1436.00	74800.00	End of Line	1.00	1.00	1.00	0.95
1438.00	62706.00	63130.00	1.00	1.00	1.10	1.00
1439.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
1439.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1442.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1442.00	64880.00	End of Line	1.00	1.00	0.95	0.95
1444.00	Start of Line	End of Line	1.00	1.10	1.05	1.10
1444.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1446.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1447.00	Start of Line	End of Line	0.95	1.00	1.20	1.00
1449.00	Start of Line	End of Line	1.00	1.10	1.10	1.10
1449.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1450.00	65190.00	End of Line	1.00	0.95	1.00	1.00
1450.00	65526.00	End of Line	1.00	0.95	1.00	1.00
1451.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1452.00	73400.00	End of Line	1.00	1.00	1.00	1.00
1453.00	59720.00	59960.00	1.15	1.00	1.00	1.00
1453.00	Start of Line	59720.00	1.00	1.05	1.00	1.00
1456.00	Start of Line	66560.00	1.00	1.05	1.00	1.00
1457.00	81650.00	End of Line	1.00	1.10	1.00	1.00
1461.00	71730.00	End of Line	1.00	1.00	0.90	1.00
1461.00	71780.00	71890.00	1.00	1.00	0.90	1.00
1462.01	71924.00	72084.00	1.00	1.00	1.10	1.00
1462.01	72530.00	72630.00	1.15	1.00	1.00	1.00
1464.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
1465.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
1467.00	Start of Line	67522.00	1.00	0.90	1.00	1.00
1471.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1471.00	Start of Line	77470.00	1.00	1.00	1.00	0.95
1472.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1472.00	73260.00	End of Line	1.00	1.00	1.00	0.95
1481.00	Start of Line	End of Line	1.00	1.08	1.00	1.08
1481.00	Start of Line	91964.00	1.10	1.00	1.00	1.00
1482.00	Start of Line	End of Line	1.00	1.08	1.00	1.08
1482.00	89700.00	End of Line	1.10	1.00	1.00	1.00
1485.00	78185.00	78380.00	1.00	1.05	1.00	1.00
1485.00	Start of Line	78172.00	1.00	1.00	1.00	0.95
1486.00	69550.00	69746.00	1.00	1.00	1.10	1.00
1487.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
1487.00	Start of Line	End of Line	1.00	0.96	1.10	1.00
1487.00	80212.00	80438.00	1.00	0.97	1.10	1.00
1488.00	64600.00	64700.00	1.00	1.00	1.00	1.05
1489.00	Start of Line	61730.00	1.00	1.00	0.90	1.00
1490.00	Start of Line	75536.00	1.00	1.00	1.00	0.95
1503.00	74000.00	74090.00	1.00	1.00	1.00	0.95
1504.00	62758.00	End of Line	1.00	1.00	1.00	0.95
1513.00	67900.00	End of Line	1.00	1.00	1.10	1.00
1515.00	Start of Line	End of Line	1.00	1.03	1.10	1.00
1520.00	Start of Line	End of Line	1.00	1.10	1.10	1.10
1520.00	Start of Line	99999.00	1.10	1.00	1.00	1.00
1529.00	Start of Line	74280.00	1.00	1.00	1.00	1.00
1530.00	85000.00	85350.00	1.00	1.00	1.10	1.00
1531.00	71800.00	End of Line	1.00	1.00	1.20	1.00
1531.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1531.00	72186.00	72310.00	1.10	1.00	1.00	1.00
1533.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1534.00	58110.00	58206.00	0.95	1.00	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1535.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
1535.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1535.00	73480.00	73560.00	1.10	1.00	1.00	1.00
1536.00	70900.00	71080.00	0.95	1.00	1.00	1.00
1537.00	Start of Line	End of Line	0.94	1.00	1.00	1.00
1538.00	75415.00	75630.00	1.05	1.00	1.00	1.00
1539.00	Start of Line	End of Line	0.94	1.00	1.00	1.00
1539.00	57322.00	57496.00	0.95	1.00	1.00	1.00
1541.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
1541.00	Start of Line	End of Line	1.10	1.00	1.00	1.00
1541.00	74630.00	74720.00	1.10	1.00	1.00	1.00
1543.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1543.00	79300.00	79390.00	0.95	1.00	1.00	1.00
1544.00	63896.00	63995.00	1.00	1.00	1.10	1.00
1544.00	Start of Line	End of Line	0.93	1.00	1.00	1.00
1544.00	63800.00	63865.00	1.10	1.00	1.00	1.00
1545.00	Start of Line	99999.90	1.07	1.00	1.00	1.00
1546.00	71480.00	End of Line	1.00	1.00	1.10	1.00
1546.00	Start of Line	99999.90	0.93	1.00	1.00	1.00
1548.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1548.00	57200.00	57450.00	1.00	1.00	0.90	1.00
1549.00	Start of Line	62630.00	0.95	1.00	1.00	1.00
1550.00	65796.00	66008.00	1.00	1.00	1.25	1.10
1550.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1551.00	63290.00	63332.00	1.00	1.00	1.20	1.10
1553.00	64570.00	64850.00	1.00	1.00	0.80	1.00
1554.00	87650.00	87800.00	1.00	1.00	0.80	1.00
1555.00	69174.00	69300.00	1.00	1.00	1.10	1.00
1555.00	69170.00	69030.00	1.00	1.00	0.90	1.00
1555.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1556.00	94570.00	94740.00	1.00	1.00	1.20	1.00
1557.00	Start of Line	76420.00	0.90	1.00	1.00	1.00
1558.00	Start of Line	72100.00	1.00	0.90	1.00	1.00
1558.00	Start of Line	72100.00	0.90	1.00	1.00	1.00
1559.00	61490.00	61690.00	1.00	1.00	0.90	1.00
1559.00	61670.00	End of Line	1.00	0.90	1.00	1.00
1559.00	61480.00	End of Line	0.90	1.00	1.00	1.00
1560.00	58380.00	58460.00	1.10	1.00	1.00	1.00
1562.00	Start of Line	85126.99	1.07	1.00	1.00	1.00
1563.00	Start of Line	End of Line	0.90	1.00	1.00	1.00
1564.00	84350.00	84540.00	0.92	1.00	1.00	1.00
1566.00	79270.00	End of Line	1.05	1.00	1.00	1.00
1566.00	79514.00	79638.00	1.10	1.00	1.00	1.00
1568.00	73400.00	End of Line	1.00	0.95	1.00	1.00
1568.00	73400.00	End of Line	0.95	0.95	1.00	1.00
1569.00	60120.00	60230.00	1.00	1.00	0.90	1.00
1569.00	Start of Line	60190.00	1.00	0.95	1.00	1.00
1569.00	Start of Line	60240.00	0.90	1.00	1.00	1.00
1569.00	60674.00	End of Line	0.95	1.00	1.00	1.00
1570.00	71590.00	71950.00	1.00	1.00	0.90	1.00
1570.00	71810.00	71945.00	0.95	1.00	1.00	1.00
1570.00	71300.00	71450.00	0.95	1.00	1.00	1.00
1571.00	65610.00	End of Line	1.08	1.00	1.00	1.00
1571.00	Start of Line	65100.00	1.15	1.00	1.00	1.00
1572.00	Start of Line	End of Line	1.03	1.00	1.00	1.00
1572.00	Start of Line	60560.00	1.05	1.00	1.00	1.00
1575.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1576.00	Start of Line	End of Line	1.05	1.00	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1579.00	59225.00	End of Line	0.95	1.00	1.00	1.00
1584.00	75420.00	75890.00	1.00	1.00	1.20	1.00
1585.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
1585.00	92065.00	92152.00	1.10	1.00	1.00	1.00
1586.00	73330.00	End of Line	1.05	1.00	1.00	1.00
1587.00	Start of Line	56610.00	1.05	1.00	1.00	1.00
1588.00	82950.00	83370.00	1.08	1.00	1.00	1.00
1589.00	Start of Line	57620.00	1.00	1.00	1.10	1.00
1589.00	57590.00	End of Line	0.92	1.00	1.00	1.00
1591.00	Start of Line	74386.00	1.05	1.00	1.00	1.00
1592.00	77200.00	End of Line	0.95	1.00	1.00	1.00
1595.00	57118.00	57230.00	0.95	1.00	1.00	1.00
1596.00	75782.00	71130.00	1.05	1.00	1.00	1.00
1596.00	75780.00	76244.00	1.05	1.00	1.00	1.00
1597.00	69620.00	69700.00	1.00	1.00	1.20	1.00
1597.00	69324.00	69690.00	1.05	1.00	1.00	1.00
1597.00	69938.00	70020.00	0.92	1.00	1.00	1.00
1599.00	74000.00	74230.00	1.00	1.00	0.90	1.00
1599.00	74030.00	74245.00	1.00	1.00	0.85	1.00
1599.00	74440.00	74558.00	1.05	1.00	1.00	1.00
1600.00	87566.00	End of Line	1.05	1.00	1.00	1.00
1601.00	72680.00	73078.00	0.92	1.00	1.00	1.00
1602.00	82430.00	82800.00	0.92	1.00	1.00	1.00
1603.00	59400.00	59510.00	1.05	1.00	1.00	1.00
1604.00	53290.00	53440.00	0.90	1.00	1.00	1.00
1604.00	53356.00	53440.00	0.95	1.00	1.00	1.00
1606.00	Start of Line	92310.00	0.95	1.00	1.00	1.00
1606.00	92650.00	End of Line	1.05	1.00	1.00	1.00
1610.00	Start of Line	82934.00	0.95	1.00	1.00	1.00
1611.00	Start of Line	83480.00	1.05	1.00	1.00	1.00
1612.00	88880.00	89020.00	0.90	1.00	1.00	1.00
1613.00	Start of Line	End of Line	1.00	1.05	1.00	1.00
1613.00	65880.00	66100.00	1.00	1.05	1.00	1.00
1613.00	Start of Line	65886.00	1.10	1.00	1.00	1.00
1614.00	59745.00	60130.00	1.00	1.00	0.85	1.00
1614.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1614.00	59490.00	59650.00	1.10	1.00	1.00	1.00
1615.00	Start of Line	End of Line	1.00	1.00	1.00	1.10
1615.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1615.00	Start of Line	53680.00	0.90	1.00	1.00	1.00
1615.00	53780.00	53950.00	1.00	1.00	1.00	1.05
1616.00	Start of Line	End of Line	1.00	1.00	1.00	1.10
1617.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1617.00	83606.00	End of Line	0.95	1.00	1.00	1.00
1618.00	Start of Line	70440.00	1.10	1.00	1.00	1.00
1619.00	Start of Line	End of Line	1.00	1.00	1.20	1.00
1619.00	Start of Line	81950.00	1.00	1.00	1.20	1.00
1619.00	81735.00	81930.00	1.10	1.00	1.00	1.00
1621.00	84990.00	85200.00	1.10	1.00	1.20	1.00
1622.01	Start of Line	End of Line	1.00	1.00	0.90	1.00
1622.01	70420.00	End of Line	1.00	1.00	0.80	1.00
1622.01	70540.00	End of Line	0.85	1.00	1.00	1.00
1622.01	70694.00	End of Line	0.90	1.00	1.00	1.00
1623.00	71700.00	71930.00	1.00	1.00	0.90	1.00
1624.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1624.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1624.00	Start of Line	57080.00	0.95	1.00	1.00	1.00
1625.00	Start of Line	62230.00	1.10	1.00	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1626.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
1626.00	78140.00	End of Line	1.05	1.00	1.00	1.00
1627.00	Start of Line	End of Line	1.00	1.05	1.00	1.00
1629.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
1629.00	82860.00	83110.00	1.00	1.00	1.00	1.10
1629.00	83320.00	83415.00	0.95	1.00	1.00	1.00
1630.00	85130.00	End of Line	1.10	1.00	1.00	1.00
1632.00	80760.00	End of Line	0.95	1.00	1.00	1.00
1634.00	65960.00	66080.00	1.15	1.00	1.00	1.00
1636.00	Start of Line	56100.00	0.90	1.00	1.00	1.00
1640.00	Start of Line	93270.00	1.00	1.00	0.90	1.00
1642.00	70120.00	70210.00	0.90	1.00	1.00	1.00
1644.00	84390.00	84520.00	1.10	1.00	1.00	1.00
1646.00	70680.00	70840.00	0.95	1.00	1.00	1.00
1646.00	70680.00	70840.00	0.95	1.00	1.00	1.00
1648.00	79100.00	79246.00	1.10	1.00	1.00	1.00
1651.00	81130.00	81516.00	1.10	1.00	1.00	1.00
1652.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
1652.00	82762.00	End of Line	0.95	1.00	1.00	1.00
1653.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1653.00	Start of Line	83256.00	0.95	1.00	1.00	1.00
1654.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1654.00	80230.00	80340.00	1.10	1.00	1.00	1.00
1655.00	Start of Line	60890.00	1.05	1.00	1.00	1.00
1655.00	60716.00	60860.00	1.10	1.00	1.00	1.00
1655.00	61020.00	61080.00	1.15	1.00	1.00	1.00
1656.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1656.00	61810.00	61880.00	1.15	1.00	1.00	1.00
1656.00	62244.00	62372.00	1.10	1.00	1.00	1.00
1656.00	62506.00	62562.00	1.15	1.00	1.00	1.00
1657.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1657.00	81014.00	81124.00	1.15	1.00	1.00	1.00
1658.00	60480.00	60830.00	1.00	1.00	0.90	1.00
1658.00	60402.00	60495.00	1.15	1.00	1.00	1.00
1658.00	60650.00	End of Line	0.95	1.00	1.00	1.00
1659.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1659.00	Start of Line	77740.00	0.95	1.00	1.00	1.00
1659.00	78080.00	78170.00	1.15	1.00	1.00	1.00
1659.00	78334.00	End of Line	0.95	1.00	1.00	1.00
1660.00	62110.00	62300.00	1.00	1.00	1.10	1.00
1660.00	81660.00	81730.00	1.05	1.00	1.00	1.00
1660.00	Start of Line	61610.00	1.10	1.00	1.00	1.00
1660.00	61915.00	62000.00	1.15	1.00	1.00	1.00
1660.00	62190.00	End of Line	1.05	1.00	1.00	1.00
1661.00	Start of Line	63536.00	1.10	1.00	1.00	1.00
1661.00	63380.00	63478.00	1.10	1.00	1.00	1.00
1662.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1662.00	65216.00	End of Line	1.10	1.00	1.00	1.00
1662.01	Start of Line	77678.00	1.15	1.00	1.00	1.00
1663.00	75900.00	76190.00	0.95	1.00	0.90	1.00
1663.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1663.00	75720.00	75786.00	1.15	1.00	1.00	1.00
1664.00	65995.00	66060.00	1.15	1.00	1.00	1.00
1665.00	72220.00	72560.00	1.00	1.00	1.10	1.00
1665.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1665.00	72570.00	72650.00	1.15	1.00	1.00	1.00
1666.00	66520.00	66846.00	1.10	1.00	1.00	1.00
1666.00	66548.00	66632.00	1.05	1.00	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1666.01	Start of Line	77450.00	1.15	1.00	1.00	1.00
1667.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1667.00	Start of Line	65560.00	1.10	1.00	1.00	1.00
1667.00	Start of Line	65538.00	1.05	1.00	1.00	1.00
1668.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1669.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1669.00	80236.00	80290.00	0.90	1.00	1.00	1.00
1670.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1670.00	73646.00	73836.00	1.15	1.00	1.00	1.00
1670.00	73714.00	73762.00	1.10	1.00	1.00	1.00
1672.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1673.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
1675.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1676.00	70360.00	70510.00	1.10	1.00	1.20	1.00
1676.00	70838.00	70942.00	1.15	1.00	1.00	1.00
1676.00	61436.00	61516.00	1.15	1.00	1.00	1.00
1679.02	81310.00	81470.00	1.00	1.00	1.25	1.00
1680.00	76190.00	76300.00	1.00	1.00	1.25	1.00
1680.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
1680.00	76080.00	76210.00	1.20	1.00	1.00	1.00
1681.00	Start of Line	72480.00	1.00	1.00	1.10	1.00
1681.00	71888.00	72030.00	1.20	1.00	1.00	1.00
1682.00	Start of Line	End of Line	1.00	1.00	0.93	0.93
1683.00	Start of Line	End of Line	1.00	1.00	0.93	0.93
1684.00	Start of Line	End of Line	1.00	1.00	0.93	0.93
1685.00	Start of Line	End of Line	1.00	1.00	0.93	0.93
1685.00	80010.00	80200.00	0.95	1.00	1.00	1.00
1686.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1694.00	77420.00	77534.00	0.92	1.00	1.00	1.00
1699.10	Start of Line	73248.00	1.05	1.00	1.00	1.00
1701.10	72020.00	72210.00	1.00	1.00	1.10	1.00
1702.10	76246.00	76336.00	0.92	1.00	1.00	1.00
1703.10	58150.00	58360.00	1.00	1.00	0.90	1.00
1705.00	69960.00	70114.00	1.00	1.00	1.20	1.00
1707.00	77820.00	End of Line	1.00	1.00	1.00	1.10
1709.00	56676.00	56750.00	1.00	1.00	1.00	1.10
1711.00	70090.00	70280.00	1.00	1.00	1.20	1.00
1711.00	70114.00	70216.00	1.10	1.00	1.00	1.00
1716.00	67550.00	67610.00	1.00	1.00	1.20	1.20
1716.00	Start of Line	End of Line	1.00	1.03	1.00	1.00
1717.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1718.00	Start of Line	End of Line	1.00	0.97	1.00	1.00
1719.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
1721.00	66710.00	66880.00	1.00	1.00	1.20	1.00
1724.00	72850.00	73020.00	1.00	1.00	0.90	1.00
1726.00	64020.00	64190.00	1.00	1.00	1.20	1.00
1729.00	62388.00	62464.00	1.10	1.00	1.00	1.00
1730.00	Start of Line	62970.00	1.00	1.00	1.20	1.00
1730.00	Start of Line	End of Line	1.00	1.10	1.10	1.10
1730.00	63070.00	63160.00	1.10	1.00	1.00	1.00
1732.00	Start of Line	81400.00	1.00	1.00	0.85	1.00
1733.00	74220.00	74360.00	1.00	1.00	1.10	1.00
1734.00	76860.00	77130.00	1.00	1.00	1.10	1.00
1737.00	65610.00	65780.00	1.00	1.00	1.10	1.00
1738.00	68220.00	End of Line	1.10	1.00	1.00	1.00
1739.00	72520.00	End of Line	1.00	1.00	0.85	1.00
1740.00	73490.00	73720.00	1.00	1.00	0.85	1.00
1744.00	83906.00	83970.00	1.00	1.00	1.15	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1744.00	Start of Line	84290.00	1.00	1.05	1.05	1.05
1745.00	84942.00	85000.00	1.00	1.00	1.15	1.00
1746.00	84304.00	End of Line	0.95	1.00	1.00	1.00
1747.00	Start of Line	End of Line	1.00	0.96	1.00	0.96
1747.00	80574.00	80650.00	0.95	1.00	1.00	1.00
1748.00	91170.00	End of Line	1.05	1.00	1.00	1.00
1749.00	Start of Line	End of Line	1.00	0.96	1.00	0.96
1750.00	Start of Line	78800.00	1.00	0.96	1.00	0.96
1750.00	78750.00	78784.00	0.90	1.00	1.00	1.00
1751.00	Start of Line	62230.00	1.05	1.00	1.00	1.00
1753.00	79626.00	End of Line	0.90	1.00	1.00	1.00
1754.00	92010.00	92070.00	1.00	1.00	0.80	1.00
1754.00	92004.00	92060.00	0.90	1.00	1.00	1.00
1755.00	85520.00	End of Line	1.00	1.00	1.15	1.00
1755.00	85270.00	85334.00	1.00	1.00	1.10	1.00
1755.00	Start of Line	End of Line	1.00	1.10	1.00	1.00
1755.00	85310.00	85344.00	1.10	1.10	1.00	1.00
1760.00	89810.00	End of Line	1.00	1.00	0.85	1.00
1761.00	89810.00	End of Line	1.00	1.00	0.90	1.00
1762.00	64620.00	64666.00	0.90	1.00	1.00	1.00
1764.00	74812.00	74842.00	1.10	1.00	1.00	1.00
1771.00	75020.00	75300.00	1.00	1.00	0.90	1.00
1771.00	Start of Line	75300.00	0.95	1.00	1.00	1.00
1772.00	77456.00	End of Line	0.95	1.00	1.00	1.00
1773.00	75010.00	End of Line	1.10	1.00	1.00	1.00
1774.00	66000.00	End of Line	1.05	1.00	1.00	1.00
1775.00	68180.00	68500.00	1.05	1.00	1.20	1.00
1775.00	68210.00	68410.00	1.00	1.00	1.20	1.00
1775.00	68170.00	End of Line	1.05	1.00	1.00	1.00
1776.00	70130.00	70290.00	0.95	1.00	0.85	1.00
1777.00	72080.00	72230.00	0.95	1.00	0.90	1.00
1778.00	74020.00	74090.00	1.10	1.00	1.00	1.00
1779.00	77208.00	77362.00	1.00	1.00	0.85	1.00
1779.00	77250.00	77360.00	0.92	1.00	1.00	1.00
1780.00	67410.00	67920.00	1.00	1.00	0.90	1.00
1780.00	67700.00	67540.00	1.00	1.00	0.80	1.00
1781.00	69900.00	69996.00	1.08	1.00	1.00	1.00
1783.00	74120.00	74260.00	1.07	1.00	1.00	1.00
1784.00	92750.00	92820.00	1.00	1.00	1.20	1.00
1784.00	93000.00	93090.00	0.90	1.00	1.00	1.00
1786.00	65510.00	65550.00	1.00	1.00	0.90	1.00
1787.00	91960.00	92140.00	1.00	1.00	1.30	1.00
1787.00	92410.00	92550.00	1.00	1.00	1.20	1.00
1789.00	73480.00	73250.00	1.00	1.00	0.90	1.00
1793.00	72950.00	End of Line	1.07	1.00	1.00	1.00
1797.00	Start of Line	70040.00	1.00	1.00	0.80	1.00
1797.00	69976.00	70040.00	0.92	1.00	1.00	1.00
1798.00	85090.00	End of Line	1.00	1.00	1.30	1.00
1799.00	90560.00	End of Line	1.00	1.00	1.30	1.00
1799.00	67700.00	67540.00	1.00	1.00	1.20	1.00
1800.00	87252.00	End of Line	1.00	1.00	1.30	1.00
1801.00	89460.00	End of Line	1.00	1.00	1.20	1.00
1803.00	Start of Line	75332.00	0.92	1.00	1.00	1.00
1804.00	Start of Line	87240.00	1.00	1.00	1.20	1.00
1804.00	Start of Line	87140.00	1.15	1.00	1.00	1.00
1805.00	Start of Line	89130.00	1.15	1.00	1.00	1.00
1807.00	66434.00	66476.00	1.15	1.00	1.00	1.00
1808.00	63254.00	End of Line	1.00	1.00	0.85	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1808.00	62952.00	End of Line	0.92	1.00	1.00	1.00
1810.00	75522.00	75738.00	1.08	1.00	1.00	1.00
1810.00	75682.00	75708.00	1.15	1.00	1.00	1.00
1811.00	75744.00	75770.00	1.15	1.00	1.00	1.00
1812.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
1812.00	59558.00	59714.00	0.92	1.00	1.00	1.00
1814.00	64926.00	64984.00	0.90	1.00	1.00	1.00
1818.00	85900.00	End of Line	1.00	1.00	1.25	1.00
1819.00	Start of Line	56630.00	1.00	1.00	1.25	1.00
1819.00	57110.00	End of Line	0.90	1.00	1.00	1.00
1819.00	Start of Line	56852.00	1.13	1.00	1.00	1.00
1824.00	54366.00	54456.00	1.10	1.00	1.00	1.00
1825.00	63510.00	63752.00	1.10	1.00	1.00	1.00
1826.00	79990.00	80216.00	1.10	1.00	1.00	1.00
1829.00	64780.00	64880.00	1.05	1.00	1.30	1.00
1829.00	Start of Line	64936.00	1.10	1.00	1.00	1.00
1829.00	65034.00	65254.00	1.15	1.00	1.00	1.00
1830.00	Start of Line	65160.00	1.00	1.00	1.15	1.00
1830.00	Start of Line	65022.00	1.10	1.00	1.00	1.00
1830.00	65126.00	65320.00	1.15	1.00	1.00	1.00
1832.00	81260.00	81550.00	1.00	1.00	0.85	1.00
1833.00	Start of Line	68206.00	1.00	1.00	1.20	1.00
1833.00	67824.00	68184.00	1.10	1.00	1.00	1.00
1833.00	67824.00	68024.00	1.10	1.00	1.00	1.00
1834.00	64940.00	65150.00	1.00	1.00	0.85	1.00
1837.00	Start of Line	66830.00	1.00	1.05	1.00	1.00
1838.00	69570.00	End of Line	1.00	0.97	1.00	1.00
1839.00	Start of Line	84220.00	1.00	1.03	1.00	1.00
1840.00	66390.00	End of Line	1.00	0.97	0.95	1.00
1841.00	72164.00	72298.00	1.10	1.00	1.00	1.00
1842.00	76010.00	76140.00	1.00	1.00	1.10	1.00
1845.00	73410.00	73514.00	1.00	1.00	0.90	1.00
1845.00	73934.00	End of Line	1.15	1.00	1.00	1.00
1847.00	68540.00	68720.00	1.00	1.00	0.80	1.00
1848.00	72780.00	72950.00	1.00	1.00	0.90	1.00
1848.00	72854.00	72910.00	0.95	1.00	1.00	1.00
1849.00	76270.00	76430.00	1.00	1.00	1.20	1.00
1850.00	77310.00	77464.00	1.00	1.00	1.20	1.00
1851.00	83946.00	84064.00	1.00	1.00	1.20	1.00
1852.00	61594.00	61718.00	1.00	1.00	1.20	1.00
1853.00	85244.00	85368.00	1.00	1.00	1.20	1.00
1854.00	77046.00	77164.00	1.00	1.00	1.20	1.00
1855.00	82110.00	82310.00	1.00	1.00	1.20	1.00
1860.00	67244.00	End of Line	0.90	1.00	1.00	1.00
1861.00	75118.00	End of Line	0.93	1.00	1.00	1.00
1862.00	88414.00	88504.00	1.00	1.00	1.20	1.00
1862.00	88008.00	88190.00	0.93	1.00	1.00	1.00
1865.00	71990.00	72056.00	1.10	1.00	1.00	1.00
1868.00	71032.00	End of Line	0.93	1.00	1.00	1.00
1869.00	Start of Line	74340.00	0.93	1.00	1.00	1.00
1869.01	Start of Line	End of Line	0.93	1.00	1.00	1.00
1871.00	67960.00	68390.00	1.00	1.00	0.80	1.00
1872.00	86800.00	87120.00	1.00	1.00	0.85	1.00
1872.00	Start of Line	87214.00	0.95	1.00	1.00	1.00
1872.00	87246.00	87416.00	1.15	1.00	1.00	1.00
1873.00	Start of Line	88994.00	0.92	1.00	1.00	1.00
1874.00	79950.00	80400.00	1.00	1.00	1.10	1.00
1874.00	Start of Line	80190.00	1.10	1.00	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1874.00	80438.00	End of Line	0.92	1.00	1.00	1.00
1875.00	69170.00	69308.00	1.10	1.00	1.00	1.00
1877.00	74294.00	74540.00	1.00	1.00	0.90	1.00
1879.00	73944.00	End of Line	0.90	1.00	1.00	1.00
1883.00	Start of Line	72690.00	0.93	1.00	1.00	1.00
1885.00	70820.00	End of Line	0.90	1.00	1.00	1.00
1885.00	Start of Line	70486.00	0.93	1.00	1.00	1.00
1886.00	62794.00	62900.00	0.90	1.00	1.00	1.00
1887.00	75720.00	76182.00	1.00	1.00	0.90	1.00
1887.00	Start of Line	75964.00	0.90	1.00	1.00	1.00
1887.00	76206.00	End of Line	0.93	1.00	1.00	1.00
1888.00	57626.00	End of Line	1.00	1.00	0.90	1.00
1888.00	57730.00	End of Line	0.90	1.00	1.00	1.00
1890.00	Start of Line	82172.00	1.00	1.00	1.10	1.00
1892.00	75044.00	75356.00	0.92	1.00	1.00	1.00
1894.01	Start of Line	End of Line	1.00	1.00	1.10	1.00
1896.00	74940.00	End of Line	1.00	1.00	0.90	1.00
1897.00	Start of Line	73550.00	1.00	1.00	0.90	1.00
1897.00	73418.00	73666.00	0.92	1.00	1.00	1.00
1898.00	77300.00	77440.00	1.00	1.00	0.90	1.00
1898.01	Start of Line	End of Line	1.00	1.00	0.90	1.00
1901.00	73026.00	End of Line	0.90	1.00	1.00	1.00
1907.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
1908.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
1909.00	71530.00	End of Line	1.00	1.00	0.90	1.00
1910.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1911.00	72815.00	72910.00	1.00	1.00	1.10	1.00
1912.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
1913.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1913.00	Start of Line	69028.00	1.00	1.00	0.90	1.00
1915.00	73580.00	End of Line	1.00	1.00	1.10	1.00
1917.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1918.00	69320.00	69470.00	1.00	1.00	0.90	1.00
1918.00	69300.00	69490.00	0.93	1.00	1.00	1.00
1919.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1922.00	Start of Line	End of Line	1.00	1.00	1.10	1.05
1922.00	Start of Line	End of Line	1.07	1.00	1.00	1.00
1923.00	67326.00	67560.00	0.93	1.00	1.00	1.00
1924.00	66450.00	66580.00	1.00	1.00	0.93	1.00
1925.00	70640.00	70750.00	1.00	1.00	0.93	1.00
1925.00	70640.00	70700.00	1.00	1.00	0.85	1.00
1925.00	70650.00	End of Line	0.90	1.00	1.00	1.00
1927.00	66600.00	66674.00	1.00	1.00	1.15	1.00
1928.00	69200.00	69380.00	1.10	1.00	1.15	1.00
1928.00	Start of Line	69060.00	1.10	1.00	1.00	1.00
1928.00	69500.00	69560.00	1.15	1.00	1.00	1.00
1929.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1930.00	Start of Line	69188.00	0.90	1.00	1.00	1.00
1932.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1935.00	64200.00	64480.00	1.00	1.00	0.90	1.00
1937.00	61870.00	62020.00	1.00	1.00	0.85	1.00
1939.00	75570.00	76110.00	1.00	1.00	0.85	1.00
1940.00	Start of Line	End of Line	1.10	1.00	1.00	1.10
1941.00	77490.00	End of Line	1.10	1.00	1.00	1.00
1942.00	Start of Line	61130.00	1.00	1.00	0.85	1.00
1943.00	Start of Line	62026.00	0.90	1.00	1.00	1.00
1945.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
1946.00	78020.00	78290.00	1.00	1.00	1.15	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
1946.00	78030.00	78168.00	1.10	1.00	1.00	1.00
1947.00	60040.00	60140.99	0.90	1.00	1.00	1.00
1947.00	60230.00	End of Line	0.90	1.00	1.00	1.00
1948.00	Start of Line	End of Line	1.00	1.00	1.00	1.10
1948.00	Start of Line	End of Line	1.10	1.00	1.00	1.00
1949.00	59390.00	59800.00	1.00	1.00	0.85	1.00
1951.00	73380.00	73506.00	0.90	1.00	1.00	1.00
1952.00	Start of Line	End of Line	1.05	1.00	1.00	1.10
1952.00	81306.00	81372.00	1.15	1.00	1.00	1.00
1958.00	59134.00	End of Line	1.10	1.00	1.00	1.00
1959.00	Start of Line	End of Line	0.90	1.00	1.00	1.00
2050.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
2051.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
2053.00	Start of Line	79620.00	1.00	1.00	1.10	1.00
2054.00	68580.00	End of Line	1.00	1.00	1.10	1.00
2055.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
2056.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
2060.00	Start of Line	End of Line	1.00	0.90	0.90	1.00
2061.00	Start of Line	End of Line	0.95	0.90	1.00	1.00
2068.00	Start of Line	End of Line	1.00	0.92	0.90	1.00
2069.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2075.00	71360.00	71426.00	1.00	1.00	1.10	1.00
2076.00	67420.00	67650.00	1.00	1.00	1.10	1.00
2078.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
2079.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
2081.00	68350.00	68540.00	1.00	1.00	1.00	0.90
2082.00	Start of Line	67950.00	1.00	1.00	1.00	1.10
2082.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2082.00	68010.00	68070.00	0.95	1.00	1.00	1.00
2087.00	68750.00	68890.00	1.00	1.00	0.90	1.00
2088.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
2089.00	79020.00	79160.00	1.00	1.00	1.10	1.00
2098.00	75432.00	End of Line	1.00	1.00	0.90	1.00
2100.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
2101.00	71360.00	End of Line	1.00	1.00	1.10	1.00
2102.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
2104.00	74008.00	74120.00	1.00	1.00	1.10	1.00
2104.00	Start of Line	73810.00	1.00	1.00	0.90	1.00
2105.00	78350.00	End of Line	1.00	1.00	1.00	1.05
2106.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
2106.00	71740.00	71864.00	1.00	1.00	1.10	1.00
2107.00	71336.00	71560.00	1.00	1.00	1.00	0.95
2109.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2109.00	75648.00	75830.00	1.00	1.00	1.00	0.90
2110.00	77430.00	77540.00	1.00	1.00	1.00	1.10
2119.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2119.00	74440.00	74640.00	1.00	1.00	1.10	1.00
2120.00	76040.00	76240.00	1.00	1.00	1.10	1.00
2121.00	74016.00	74132.00	1.00	1.00	1.10	1.00
2122.00	Start of Line	68670.00	1.00	1.00	0.90	1.00
2122.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2123.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2123.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2124.00	72480.00	72610.00	1.00	1.00	1.10	1.00
2125.00	78040.00	78260.00	1.00	1.00	1.10	1.00
2126.00	Start of Line	75380.00	1.00	1.00	1.10	1.00
2128.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2129.00	69320.00	End of Line	1.00	1.00	0.90	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2129.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2130.00	77394.00	77510.00	1.00	1.00	1.10	1.00
2133.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2135.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2138.00	76240.00	76000.00	1.00	1.00	1.10	1.00
2138.00	76240.00	76000.00	1.00	0.95	1.00	1.00
2139.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2141.00	72910.00	End of Line	1.00	1.00	0.95	1.00
2143.00	77050.00	77160.00	1.00	1.00	1.10	1.00
2144.00	70690.00	71100.00	1.00	1.02	1.00	0.98
2147.00	76580.00	End of Line	1.00	1.00	0.95	1.00
2148.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2149.00	Start of Line	End of Line	1.00	0.90	1.00	1.00
2149.00	70500.00	70562.00	1.00	1.00	1.10	1.00
2149.00	Start of Line	End of Line	1.00	0.97	1.00	1.00
2152.00	76028.00	76116.00	1.00	1.00	1.00	1.10
2153.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
2153.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
2154.00	70116.00	70280.00	1.00	1.00	1.00	0.90
2158.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2159.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2159.00	71600.00	End of Line	1.00	1.00	1.20	1.00
2160.00	72870.00	73200.00	1.00	1.00	1.20	1.00
2161.00	Start of Line	End of Line	1.00	1.00	0.90	0.95
2161.00	Start of Line	70010.00	1.00	1.00	1.00	1.15
2163.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
2164.00	69640.00	End of Line	1.00	1.00	1.10	1.00
2168.00	Start of Line	End of Line	1.00	0.90	1.00	0.95
2169.00	Start of Line	End of Line	1.00	0.90	1.00	0.95
2169.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2173.00	70050.00	End of Line	0.95	1.00	1.10	1.00
2178.00	Start of Line	End of Line	0.95	0.90	1.00	0.95
2179.00	Start of Line	End of Line	1.00	0.90	1.00	0.95
2179.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2179.00	Start of Line	72830.00	1.00	1.00	1.10	1.00
2184.00	67770.00	68000.00	1.00	1.00	1.10	1.00
2188.00	Start of Line	End of Line	0.95	0.90	0.95	0.95
2189.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2192.00	69810.00	End of Line	1.00	1.00	1.00	1.05
2193.00	Start of Line	68520.00	1.00	1.00	1.00	0.95
2218.00	82510.00	End of Line	1.00	1.00	0.90	1.00
2219.00	64676.00	End of Line	1.00	1.00	1.05	0.95
2219.00	64700.00	64854.00	1.00	1.00	0.95	0.95
2220.00	63960.00	End of Line	1.00	1.00	1.10	1.00
2229.00	63650.00	63850.00	0.95	1.00	0.95	0.95
2230.00	62140.00	End of Line	1.00	1.00	1.10	1.00
2237.00	Start of Line	62820.00	1.00	1.00	0.90	1.00
2239.00	Start of Line	63030.00	1.00	1.00	1.10	1.00
2241.00	59390.00	59500.00	1.00	1.00	1.10	1.00
2242.00	Start of Line	61940.00	1.00	1.00	1.00	0.95
2245.00	59890.00	End of Line	1.00	1.00	0.90	1.00
2246.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
2248.00	70964.00	End of Line	1.00	1.00	1.00	1.10
2250.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
2280.00	Start of Line	End of Line	1.00	1.05	1.05	1.00
2289.00	68490.00	End of Line	1.00	1.00	0.95	1.00
2290.00	Start of Line	End of Line	1.00	1.05	1.00	1.00
2291.00	70970.00	71180.00	1.00	1.00	1.10	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2295.00	74090.00	74270.00	1.00	1.00	1.10	1.00
2297.00	58850.00	End of Line	1.00	1.00	0.90	1.00
2299.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2299.00	67144.00	End of Line	1.00	1.00	1.10	1.00
2302.00	59540.00	59780.00	1.00	1.00	0.90	1.00
2302.00	59790.00	End of Line	1.00	1.00	1.10	0.95
2305.00	71280.00	End of Line	1.00	1.00	1.10	1.00
2314.00	59968.00	End of Line	1.00	1.00	1.00	0.90
2318.00	64892.00	65020.00	1.00	1.00	1.10	1.00
2320.00	65970.00	End of Line	1.00	1.00	0.95	1.00
2321.00	Start of Line	64840.00	1.00	1.00	0.95	1.00
2323.00	65614.00	65680.00	1.00	1.00	0.90	1.00
2325.00	Start of Line	End of Line	1.00	0.95	1.00	1.00
2325.00	Start of Line	66500.00	1.00	1.00	1.10	1.00
2325.00	66394.00	66420.00	1.00	1.00	1.00	1.10
2326.00	63454.00	63500.00	1.00	1.00	1.00	1.10
2329.00	Start of Line	61025.00	1.00	1.00	1.00	1.08
2330.00	Start of Line	69560.00	0.97	1.00	1.00	1.00
2332.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2333.00	66354.00	End of Line	1.05	1.00	1.00	1.00
2333.00	66242.00	66278.00	1.00	1.00	1.00	1.15
2334.00	63900.00	End of Line	1.05	1.00	1.00	1.00
2334.00	63828.00	63884.00	1.00	1.00	1.00	1.20
2337.00	Start of Line	67580.00	0.95	1.00	1.00	1.00
2338.00	Start of Line	66850.00	1.10	1.00	1.00	1.00
2339.00	Start of Line	64640.00	1.05	1.00	1.00	1.00
2340.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2340.00	68430.00	End of Line	1.05	1.00	1.00	1.00
2342.00	62410.00	62850.00	1.00	1.00	0.90	1.10
2342.00	63208.00	63372.00	1.00	1.00	1.00	1.20
2342.00	63168.00	63520.00	1.00	1.00	0.90	1.00
2342.00	62690.00	62825.00	1.00	1.00	1.00	1.15
2342.00	Start of Line	62404.00	1.00	0.95	1.00	1.00
2342.00	62540.00	62856.00	0.95	1.00	1.00	1.00
2343.00	70250.00	End of Line	1.08	1.00	1.00	1.00
2344.00	66660.00	66980.00	1.00	1.00	1.15	1.00
2344.00	67620.00	67700.00	0.97	1.00	1.00	1.00
2344.00	67290.00	67560.00	1.05	1.00	1.00	1.00
2345.00	73423.00	73832.00	1.00	1.00	1.10	1.00
2345.00	72820.00	72854.00	1.00	1.05	1.00	1.00
2346.00	67060.00	67445.00	1.00	1.00	1.00	1.10
2346.00	66526.00	66715.00	1.00	1.00	0.90	1.00
2346.00	67020.00	67206.00	1.00	0.95	1.00	1.00
2346.00	67070.00	67206.00	1.00	0.95	1.00	1.00
2346.00	67074.00	67454.00	0.95	1.00	1.00	1.00
2347.00	57510.00	58030.00	1.00	1.00	0.80	1.10
2347.00	58200.00	58642.00	1.00	1.00	0.90	1.00
2347.00	58366.00	58642.00	1.00	1.00	0.95	1.00
2347.00	57800.00	57966.00	1.00	0.90	1.00	1.00
2347.00	Start of Line	57420.00	1.00	1.00	1.00	1.10
2347.00	57670.00	57824.00	1.00	1.00	1.00	1.05
2348.00	71230.00	72116.00	1.00	1.00	1.15	1.00
2348.00	70755.00	70866.00	1.00	1.00	1.00	0.97
2348.00	70730.00	70820.00	0.95	1.00	1.00	1.00
2348.00	71010.00	71146.00	1.00	1.00	1.00	1.05
2349.00	Start of Line	68240.00	1.05	1.00	1.00	1.00
2351.00	68275.00	68332.00	1.00	0.95	1.00	1.00
2351.00	68275.00	68332.00	1.00	0.95	1.00	1.10

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2351.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2351.00	68136.00	68330.00	1.00	0.90	1.00	1.10
2352.00	62230.00	62590.00	1.00	1.00	1.00	1.10
2352.00	61448.00	61848.00	1.00	1.00	0.90	1.00
2352.00	61448.00	End of Line	1.00	1.00	1.00	1.05
2352.00	62610.00	62696.00	0.95	1.00	1.00	1.00
2353.00	74140.00	74288.00	1.05	1.10	1.00	1.08
2353.00	74116.00	End of Line	1.00	1.03	1.00	1.00
2353.00	74140.00	74265.00	1.05	1.00	1.00	1.00
2354.00	71235.00	71350.00	1.00	1.05	1.00	1.05
2354.00	71240.00	71370.00	1.05	1.00	1.00	1.00
2355.00	Start of Line	63893.00	1.00	1.05	1.00	1.05
2355.00	Start of Line	63900.00	1.05	1.00	1.00	1.00
2356.00	72790.00	72930.00	0.95	1.00	1.00	1.00
2357.00	62884.00	63035.00	1.00	0.95	1.00	1.00
2357.00	63626.00	63932.00	1.00	1.00	0.95	1.00
2357.00	63620.00	64190.00	1.00	1.00	1.00	1.05
2357.00	63360.00	63444.00	1.00	1.00	0.95	1.05
2357.00	62880.00	63034.00	0.95	1.00	1.00	1.00
2361.00	74024.00	74220.00	1.00	1.00	0.90	1.00
2361.00	73500.00	73638.00	1.00	0.95	1.00	1.10
2361.00	Start of Line	73270.00	1.00	0.97	1.00	1.00
2362.00	Start of Line	End of Line	1.00	1.00	0.85	1.00
2362.00	68000.00	End of Line	1.00	0.97	1.00	1.00
2363.00	77760.00	End of Line	1.10	1.00	1.00	1.00
2363.00	77730.00	End of Line	1.00	1.03	1.00	1.00
2364.00	74014.00	74300.00	1.00	1.05	1.00	1.00
2365.00	62574.00	60660.00	1.00	0.95	1.05	1.00
2366.00	69920.00	70050.00	1.00	1.00	1.10	1.00
2366.00	70720.00	End of Line	1.00	1.00	1.10	1.00
2366.00	70720.00	End of Line	1.00	0.95	1.05	1.00
2367.00	64760.00	End of Line	1.00	0.95	1.05	1.00
2368.00	68876.00	69430.00	1.00	1.00	0.90	1.00
2368.00	Start of Line	68508.99	1.00	1.00	0.85	1.00
2369.00	76332.00	End of Line	1.00	1.00	0.90	1.00
2369.00	Start of Line	75120.00	1.00	1.04	1.00	1.00
2370.00	Start of Line	74400.00	1.00	1.00	1.00	1.05
2371.00	Start of Line	71390.00	1.00	1.00	1.00	0.95
2371.00	72300.00	End of Line	1.00	1.00	1.00	0.95
2371.00	72120.00	72260.00	1.00	0.95	1.00	0.95
2371.00	72490.00	End of Line	1.00	1.00	0.95	1.03
2371.00	72490.00	End of Line	1.00	1.00	1.00	1.05
2372.00	Start of Line	62570.00	1.00	1.00	1.00	0.85
2372.00	63430.00	63750.00	1.00	0.95	1.00	0.95
2372.00	62344.00	62560.00	1.00	0.95	1.00	1.00
2375.00	70370.00	70500.00	1.00	1.00	1.15	1.00
2375.00	Start of Line	70800.00	1.00	1.00	1.00	1.05
2376.00	Start of Line	71300.00	1.00	0.95	1.00	0.95
2376.00	Start of Line	71084.00	1.00	1.00	1.15	1.00
2377.00	Start of Line	67305.00	1.00	1.05	1.00	1.05
2377.00	67880.00	68172.00	1.00	1.00	1.05	1.05
2377.00	68300.00	68550.00	1.00	1.00	1.10	1.00
2378.00	Start of Line	67305.00	1.00	1.00	1.00	1.00
2378.00	Start of Line	76162.00	1.00	1.00	1.10	1.00
2378.00	75954.00	76230.00	1.00	1.00	1.10	1.10
2380.00	73730.00	73980.00	1.00	1.00	0.95	0.95
2380.00	73330.00	73500.00	1.00	1.05	0.95	1.00
2380.00	72820.00	73154.00	1.00	1.00	1.00	0.95

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2381.00	66050.00	66260.00	1.00	1.00	1.10	1.10
2381.00	65630.00	65760.00	1.00	0.95	1.05	1.00
2382.00	Start of Line	End of Line	1.00	1.00	0.85	1.00
2382.00	63000.00	63150.00	1.00	1.05	1.00	1.00
2384.00	64200.00	64340.00	1.00	1.00	1.00	1.05
2385.00	67200.00	End of Line	1.00	1.00	0.95	1.00
2385.00	67036.00	67150.00	1.00	1.05	1.00	1.00
2386.00	Start of Line	68116.00	1.00	1.00	0.90	1.00
2387.00	Start of Line	68310.00	1.00	0.90	1.00	1.00
2387.00	68950.00	69130.00	1.00	1.00	1.00	1.10
2387.00	69316.00	69488.00	1.00	1.00	1.00	1.10
2387.00	69700.00	End of Line	1.00	1.00	1.10	1.10
2388.00	72381.00	72701.00	1.00	1.00	1.00	1.00
2389.00	68015.00	68310.00	1.00	1.00	1.00	1.05
2389.00	68870.00	69060.00	1.00	1.00	1.20	1.00
2389.00	68600.00	68710.00	1.00	1.05	1.00	1.00
2390.00	70414.00	70733.00	1.00	1.00	1.00	1.05
2391.00	65040.00	65342.00	1.00	1.00	1.00	1.05
2391.00	Start of Line	64210.00	1.00	1.00	1.10	1.00
2391.00	Start of Line	64210.00	1.00	0.95	1.00	1.00
2392.00	66000.00	66270.00	1.00	1.00	1.00	1.05
2392.00	65000.00	65210.00	1.00	1.00	1.10	1.00
2392.00	66270.00	66550.00	1.00	1.00	1.10	1.00
2392.00	66270.00	66370.00	1.00	1.00	1.10	1.00
2392.00	Start of Line	65400.00	1.00	1.00	1.10	1.00
2393.00	76606.00	76762.00	1.00	1.00	0.95	1.00
2393.00	76370.00	End of Line	1.00	1.00	0.90	1.00
2393.00	76610.00	76724.00	1.00	1.05	1.00	1.00
2394.00	Start of Line	77226.00	1.00	1.00	0.95	1.00
2394.00	78400.00	End of Line	1.00	1.05	1.00	1.00
2394.00	77490.00	77765.00	1.00	1.05	1.00	1.00
2395.00	72892.00	End of Line	1.00	1.07	1.00	1.00
2396.00	70574.00	70824.00	1.00	1.05	1.00	1.00
2396.00	70846.00	70954.00	1.00	1.00	0.90	1.00
2397.00	71360.00	71430.00	1.00	1.00	1.15	1.00
2397.00	70610.00	70750.00	1.00	0.95	1.05	1.05
2397.00	71515.00	71600.00	1.00	1.00	1.15	1.00
2397.00	70374.00	70604.00	1.00	1.00	1.05	1.05
2397.00	70514.00	70604.00	1.00	1.00	1.00	1.05
2398.00	Start of Line	68660.00	1.00	1.00	1.15	1.00
2398.00	69606.00	69690.00	1.00	1.00	1.05	1.05
2399.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
2400.00	Start of Line	End of Line	0.95	1.00	0.90	1.00
2400.00	69270.00	69450.00	1.00	1.00	1.10	1.00
2401.00	Start of Line	End of Line	1.05	1.10	1.00	1.05
2401.00	Start of Line	72712.00	1.00	1.05	1.00	1.00
2401.00	72880.00	72940.00	1.00	1.00	1.20	1.00
2402.00	Start of Line	End of Line	1.10	1.10	1.00	1.05
2402.00	75776.00	End of Line	1.00	1.07	1.00	1.00
2402.00	74804.00	75040.00	1.00	1.08	1.00	1.00
2403.00	Start of Line	End of Line	1.05	1.10	1.10	1.10
2404.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2404.00	Start of Line	61290.00	1.00	1.00	1.10	1.00
2404.00	61240.00	61290.00	1.00	1.00	1.15	1.00
2406.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2407.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2408.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2409.00	Start of Line	End of Line	1.00	1.00	0.90	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2409.00	62920.00	63180.00	1.00	1.00	1.15	1.00
2409.00	64020.00	End of Line	1.00	1.00	1.10	1.00
2409.00	63990.00	End of Line	1.00	1.00	1.00	0.95
2410.00	71700.00	72100.00	1.00	1.00	1.15	1.00
2410.00	72540.00	End of Line	1.00	1.00	1.00	0.95
2411.00	70100.00	70370.00	1.00	1.00	1.20	1.00
2412.00	Start of Line	66160.00	1.00	1.00	1.10	1.00
2412.00	65760.00	65864.00	1.00	1.00	0.90	1.00
2414.00	67080.00	67350.00	1.00	1.00	0.85	1.00
2417.00	62938.00	63000.00	1.00	1.00	1.10	1.00
2418.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2418.00	74230.00	74352.00	1.00	1.00	1.15	1.00
2419.00	76450.00	76614.00	1.00	1.00	1.15	1.00
2419.00	Start of Line	76922.00	1.00	1.00	0.90	1.00
2419.00	76922.00	End of Line	1.00	1.00	0.92	1.00
2420.00	Start of Line	65250.00	1.00	1.00	0.90	1.00
2420.00	65770.00	End of Line	1.00	1.02	1.00	1.00
2421.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
2421.00	68726.00	68934.00	1.00	1.00	1.00	0.90
2421.00	Start of Line	68484.00	1.00	1.00	0.92	1.00
2421.00	69160.00	End of Line	1.00	1.02	1.00	1.00
2422.00	Start of Line	60080.00	1.00	1.00	1.10	1.00
2422.00	60550.00	60720.00	1.00	1.00	1.10	1.00
2423.00	Start of Line	70710.00	1.00	1.00	1.10	1.00
2424.00	Start of Line	End of Line	1.00	0.95	0.90	0.95
2424.00	72576.00	End of Line	1.00	1.00	1.10	1.00
2425.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2425.00	69814.00	70210.00	1.00	1.00	1.00	0.90
2425.00	70290.00	70830.00	1.00	1.05	1.00	1.00
2426.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2426.00	Start of Line	76860.00	1.00	1.00	0.90	1.00
2427.00	57830.00	58090.00	1.00	1.00	0.90	1.00
2428.00	Start of Line	68672.00	1.00	1.00	1.10	1.00
2431.00	74140.00	74260.00	1.00	1.00	0.90	1.00
2431.00	Start of Line	73714.00	1.00	1.00	0.90	1.00
2432.00	73140.00	73240.00	1.00	1.00	1.10	1.00
2434.00	Start of Line	End of Line	1.00	1.15	1.20	1.15
2434.00	69120.00	End of Line	1.10	1.00	1.00	1.00
2435.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
2435.00	Start of Line	78320.00	1.00	1.00	1.00	0.90
2435.00	78210.00	End of Line	1.00	1.00	1.10	1.00
2436.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2436.00	76264.00	End of Line	1.00	1.00	1.00	0.90
2436.00	Start of Line	75854.00	1.00	1.00	1.10	1.00
2437.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2439.00	Start of Line	End of Line	1.00	1.10	1.10	1.10
2439.00	Start of Line	67500.00	1.10	1.00	1.00	1.00
2440.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2441.00	69660.00	End of Line	1.00	1.00	0.90	1.00
2442.00	Start of Line	66090.00	1.00	1.00	0.90	1.00
2442.00	65330.00	65460.00	1.00	1.00	0.90	1.00
2442.00	Start of Line	66140.00	0.90	1.00	1.00	1.00
2443.00	60780.00	60970.00	1.00	1.00	0.90	1.00
2444.00	Start of Line	End of Line	1.00	1.15	1.25	1.15
2444.00	63890.00	End of Line	1.05	1.00	1.00	1.00
2446.00	67500.00	End of Line	1.00	1.00	0.90	1.00
2447.00	55910.00	56285.00	1.00	1.00	0.90	1.00
2448.00	59150.00	59350.00	1.00	1.00	0.80	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2449.00	Start of Line	End of Line	1.00	1.10	1.10	1.10
2449.00	Start of Line	62110.00	1.00	1.00	1.20	1.00
2449.00	Start of Line	62330.00	1.10	1.00	1.00	1.00
2450.00	66142.00	66312.00	1.00	1.00	1.10	1.00
2451.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2451.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2451.01	Start of Line	66750.00	1.00	1.00	0.80	1.00
2452.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
2452.00	79646.00	79740.00	1.00	1.00	1.00	0.95
2453.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
2453.00	80194.00	80290.00	1.00	1.00	1.00	0.95
2454.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2455.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
2455.00	58150.00	58368.00	1.00	1.00	1.17	1.00
2455.00	58150.00	58368.00	1.00	1.00	1.17	1.00
2456.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
2457.00	Start of Line	End of Line	1.00	1.10	1.00	1.00
2457.00	76310.00	76400.00	1.00	1.00	1.00	1.15
2458.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2460.01	Start of Line	End of Line	1.00	1.00	0.90	1.00
2462.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2462.00	71262.00	71340.00	1.00	1.00	1.00	0.95
2470.00	Start of Line	77240.00	1.00	1.00	1.10	1.00
2471.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2472.00	Start of Line	End of Line	1.00	1.00	1.00	1.00
2475.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2477.00	Start of Line	End of Line	1.00	1.00	1.20	1.00
2484.00	60926.00	End of Line	1.00	1.00	1.00	1.10
2484.01	62420.00	62760.00	1.00	1.00	0.90	1.00
2486.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2486.00	Start of Line	60020.00	1.00	1.00	1.10	1.00
2487.00	79440.00	79830.00	1.00	1.00	1.20	1.00
2490.00	Start of Line	76380.00	1.00	1.00	1.20	1.00
2490.00	75490.00	75650.00	1.00	1.00	1.20	1.00
2491.00	64990.00	End of Line	1.00	1.00	0.80	1.00
2494.00	Start of Line	End of Line	1.00	1.15	1.00	1.05
2494.00	87360.00	End of Line	1.10	1.00	1.00	1.00
2494.00	87400.00	87636.00	1.00	1.00	1.00	1.10
2496.00	60640.00	End of Line	0.95	1.00	1.00	1.00
2500.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
2501.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
2501.00	Start of Line	68580.00	1.05	1.00	1.00	1.00
2505.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
2506.00	70070.00	70400.00	1.10	1.00	1.00	1.00
2508.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2509.00	64270.00	64530.00	0.95	1.00	1.00	1.00
2510.00	Start of Line	End of Line	1.00	1.10	1.00	1.10
2510.00	Start of Line	73960.00	1.00	1.00	1.15	1.00
2510.00	Start of Line	73950.00	1.10	1.00	1.00	1.00
2511.00	71770.00	73960.00	1.00	1.00	0.95	1.00
2512.00	Start of Line	74580.00	1.00	1.00	0.90	1.00
2512.00	71770.00	74956.00	1.00	1.00	0.95	1.00
2514.00	Start of Line	End of Line	1.00	1.03	1.00	1.00
2515.00	Start of Line	End of Line	1.00	1.03	1.10	1.00
2515.00	Start of Line	82350.00	1.00	1.00	1.20	1.00
2520.00	Start of Line	End of Line	1.00	1.10	1.10	1.10
2520.00	Start of Line	81240.00	1.10	1.00	1.00	1.00
2524.00	Start of Line	End of Line	1.00	1.00	1.20	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2524.00	Start of Line	73836.00	0.95	1.00	1.00	1.00
2525.00	Start of Line	End of Line	1.00	1.10	1.10	1.10
2525.00	87300.00	End of Line	1.05	1.00	1.00	1.00
2527.00	Start of Line	End of Line	1.00	1.05	1.00	1.00
2530.00	Start of Line	End of Line	1.00	1.05	1.10	1.05
2531.00	Start of Line	71160.00	1.00	1.00	1.20	1.00
2533.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2536.00	69944.00	70240.00	1.00	1.00	0.90	1.00
2540.00	Start of Line	61758.00	1.00	1.00	1.15	1.00
2551.00	Start of Line	61960.00	0.92	1.00	1.00	1.00
2555.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2555.00	Start of Line	67800.00	1.10	1.00	1.00	1.00
2557.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2557.00	Start of Line	75262.00	0.92	1.00	1.00	1.00
2559.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2559.00	59356.00	59474.00	1.10	1.00	1.00	1.00
2560.00	Start of Line	End of Line	1.07	0.90	1.00	1.00
2562.00	61948.00	62194.00	0.90	0.90	1.00	1.00
2563.00	69270.00	69394.00	0.92	1.00	1.00	1.00
2565.00	Start of Line	End of Line	1.00	1.05	0.90	1.05
2565.00	82020.00	82160.00	1.10	1.00	1.00	1.00
2566.00	Start of Line	End of Line	1.00	1.05	1.00	1.05
2571.00	66308.00	66420.00	1.08	1.00	1.00	1.00
2572.00	61550.00	61658.00	1.08	1.00	1.00	1.00
2573.00	Start of Line	End of Line	1.00	1.00	1.10	1.00
2575.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2575.00	79730.00	80062.00	0.90	1.00	1.00	1.00
2576.00	68320.00	68420.00	1.08	1.00	1.00	1.00
2577.00	58930.00	59035.00	1.08	1.00	1.00	1.00
2578.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2584.00	76014.00	End of Line	0.95	1.00	1.00	1.00
2586.00	72170.00	72820.00	1.05	1.00	1.00	1.00
2587.00	57090.00	57766.00	1.05	1.00	1.00	1.00
2590.00	62600.00	End of Line	0.95	1.00	1.00	1.00
2591.00	Start of Line	End of Line	1.00	1.05	1.10	1.00
2591.00	Start of Line	71130.00	1.05	1.00	1.00	1.00
2596.00	69330.00	End of Line	1.05	1.00	1.00	1.00
2600.00	Start of Line	89706.00	1.00	1.00	1.00	1.05
2608.00	Start of Line	62100.00	1.00	1.00	1.20	1.00
2614.00	Start of Line	60506.00	1.00	1.00	1.00	1.05
2615.00	Start of Line	End of Line	1.00	1.00	1.00	1.10
2616.00	Start of Line	End of Line	1.00	1.00	1.00	1.10
2624.00	Start of Line	End of Line	1.00	1.00	1.00	1.05
2624.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2627.00	Start of Line	End of Line	1.00	1.05	1.00	1.00
2627.00	Start of Line	76480.00	1.05	1.00	1.00	1.00
2627.00	76368.00	76480.00	1.15	1.00	1.00	1.00
2630.00	83540.00	83660.00	0.95	1.00	1.00	1.00
2632.00	79114.00	79250.00	1.20	1.00	1.00	1.00
2633.00	94060.00	94170.00	1.15	1.00	1.00	1.00
2636.00	57500.00	57570.00	0.90	1.00	1.00	1.00
2640.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2640.00	70990.00	71110.00	1.10	1.00	1.00	1.00
2641.00	85046.00	85200.00	1.10	1.00	1.00	1.00
2643.00	57247.00	57376.00	0.90	1.00	1.00	1.00
2644.00	85520.00	85636.00	0.90	1.00	1.00	1.00
2645.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2645.00	69546.00	69800.00	1.10	1.00	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2646.00	69546.00	69800.00	1.10	1.00	1.00	1.00
2646.00	72030.00	72246.00	1.10	1.00	1.00	1.00
2647.00	58310.00	End of Line	0.85	1.00	1.00	1.00
2647.00	58224.00	58362.00	1.15	1.00	1.00	1.00
2648.00	77464.00	77710.00	1.10	1.00	1.00	1.00
2649.00	82218.00	82450.00	1.10	1.00	1.00	1.00
2650.00	Start of Line	End of Line	1.08	1.00	1.00	1.00
2651.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
2651.00	62400.00	End of Line	0.95	1.00	1.00	1.00
2652.00	Start of Line	End of Line	0.95	1.00	0.95	1.00
2653.00	Start of Line	End of Line	0.95	1.00	0.95	1.00
2654.00	Start of Line	End of Line	0.95	1.00	0.95	1.00
2654.00	81330.00	81480.00	0.95	1.00	1.00	1.00
2656.00	60860.00	61180.00	0.95	1.00	1.20	1.00
2656.00	Start of Line	61150.00	1.15	1.00	1.00	1.00
2657.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2658.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2658.00	64496.00	64545.00	0.90	1.00	1.00	1.00
2659.00	65174.00	65490.00	0.90	1.00	1.00	1.00
2659.00	65310.00	65490.00	0.85	1.00	1.00	1.00
2660.00	81660.00	81730.00	1.10	1.00	1.00	1.00
2660.00	63380.00	63480.00	1.10	1.00	1.00	1.00
2660.00	63188.00	63314.00	1.10	1.00	1.00	1.00
2661.00	64558.00	64680.00	1.15	1.00	1.00	1.00
2662.00	Start of Line	End of Line	1.08	1.00	1.00	1.00
2662.00	63980.00	64130.00	1.10	1.00	1.00	1.00
2663.00	59440.00	59560.00	0.90	1.00	1.00	1.00
2664.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2667.00	66380.00	66560.00	1.00	1.00	1.20	1.00
2667.00	66830.00	End of Line	1.00	1.00	1.10	1.00
2667.00	Start of Line	End of Line	1.08	1.00	1.00	1.00
2668.00	06754.00	End of Line	0.95	1.00	1.00	1.00
2669.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2672.00	Start of Line	End of Line	1.08	1.00	1.00	1.00
2674.00	69790.00	End of Line	0.95	1.00	1.00	1.00
2681.00	72872.00	73076.00	1.05	1.00	1.00	1.00
2682.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2682.00	73760.00	74100.00	0.95	1.00	1.00	1.00
2683.00	61136.00	61446.00	0.95	1.00	1.00	1.00
2684.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2688.00	Start of Line	End of Line	1.00	1.10	1.00	1.05
2689.00	Start of Line	End of Line	1.00	1.00	1.00	0.95
2693.00	62320.00	62426.00	0.95	1.00	1.00	1.00
2694.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2694.00	76380.00	76480.00	0.95	1.00	1.00	1.00
2696.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2696.00	78264.00	78390.00	1.10	1.00	1.00	1.00
2698.00	57974.00	58034.00	0.95	1.00	1.00	1.00
2700.00	Start of Line	74534.00	1.10	1.00	1.00	1.00
2702.00	58386.00	58508.00	0.95	1.00	1.00	1.00
2705.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2705.00	75266.00	End of Line	1.05	1.00	1.00	1.00
2707.00	62164.00	62350.00	0.90	1.00	1.00	1.00
2708.00	67614.00	67540.00	1.10	1.00	1.00	1.00
2710.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2711.00	Start of Line	69520.00	1.10	1.00	1.00	1.00
2712.00	Start of Line	End of Line	0.95	1.00	0.95	1.00
2712.00	78330.00	78560.00	0.93	1.00	1.00	1.00

Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2714.00	58446.00	58686.00	0.92	1.00	1.00	1.00
2715.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2716.00	68216.00	End of Line	1.00	1.00	1.20	1.00
2716.00	68310.00	68572.00	1.10	1.00	1.00	1.00
2718.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2719.00	63290.00	63430.00	1.00	1.00	0.95	1.00
2719.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2720.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2721.00	Start of Line	End of Line	1.00	1.00	1.20	1.00
2721.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2722.00	Start of Line	End of Line	0.95	1.00	0.90	1.00
2722.00	Start of Line	End of Line	0.95	1.00	1.00	1.00
2723.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
2724.00	Start of Line	End of Line	1.00	1.00	0.95	1.00
2724.00	Start of Line	73522.00	0.90	1.00	1.00	1.00
2726.00	Start of Line	64770.00	1.00	1.00	1.15	1.00
2727.00	63916.00	End of Line	0.95	1.00	1.00	1.00
2728.00	Start of Line	61600.00	1.00	1.00	0.80	1.00
2728.00	Start of Line	61600.00	0.90	1.00	1.00	1.00
2729.00	62924.00	End of Line	1.10	1.00	1.00	1.00
2730.00	Start of Line	End of Line	1.05	1.00	1.00	1.00
2731.00	73560.00	End of Line	1.05	1.00	1.15	1.00
2731.00	Start of Line	73500.00	0.90	1.00	1.00	1.00
2732.00	83580.00	End of Line	1.00	1.00	1.15	1.00
2733.00	Start of Line	66110.00	1.07	1.00	1.00	1.00
2734.00	81780.00	End of Line	0.93	1.00	1.00	1.00
2735.00	Start of Line	70912.00	1.07	1.00	1.00	1.00
2738.00	67494.00	67566.00	1.10	1.00	1.00	1.00
2739.00	Start of Line	73100.00	1.00	1.00	0.80	1.00
2742.00	82466.00	82522.00	1.10	1.00	1.00	1.00
2743.00	Start of Line	66580.00	1.00	1.00	1.15	1.00
2743.00	66730.00	66790.00	1.10	1.00	1.00	1.00
2744.00	83650.00	End of Line	1.00	1.00	1.25	1.00
2744.00	83710.00	83650.00	1.10	1.00	1.00	1.00
2745.00	74800.00	74928.00	0.95	1.00	1.00	1.00
2746.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2749.00	Start of Line	89190.00	1.00	1.00	1.15	1.00
2750.00	88900.00	End of Line	1.00	1.00	1.20	1.00
2756.00	78200.00	78256.00	0.90	1.00	1.00	1.00
2758.00	80056.00	80190.00	1.10	1.00	1.00	1.00
2759.01	83164.00	83308.00	0.90	1.00	1.00	1.00
2767.02	Start of Line	70270.00	1.00	1.00	0.85	1.00
2768.00	69790.00	End of Line	1.00	1.00	0.85	1.00
2780.00	71638.00	End of Line	1.00	1.00	1.10	1.00
2799.00	Start of Line	End of Line	1.00	1.00	1.20	1.00
2801.00	68600.00	End of Line	1.00	1.00	0.80	1.00
2802.00	71100.00	End of Line	1.00	1.00	0.80	1.00
2803.00	Start of Line	68300.00	1.00	1.00	0.80	1.00
2807.02	67390.00	End of Line	1.00	1.00	0.70	1.00
2808.00	Start of Line	63510.00	1.00	1.00	0.70	1.00
2811.00	Start of Line	75490.00	1.00	1.00	1.20	1.00
2816.00	Start of Line	56630.00	1.00	1.00	0.80	1.00
2820.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
2821.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
2823.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
2824.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
2826.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
2827.00	64950.00	65290.00	1.00	1.00	0.75	1.00

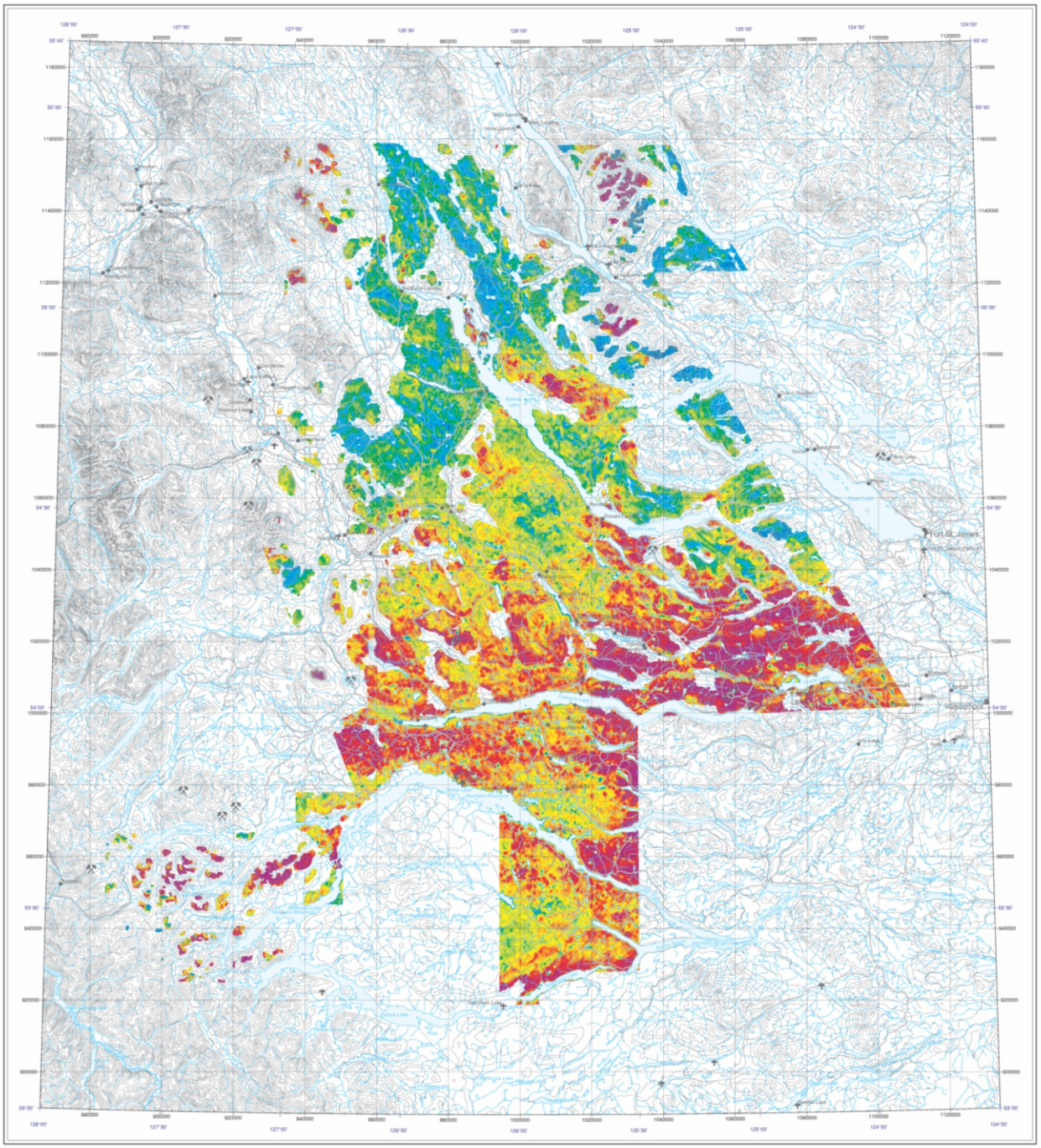
Radiometric Data Adjustments

Line	Time Range (seconds)		Scale Factor			
			Total	Potassium	Uranium	Thorium
2828.00	82280.00	End of Line	1.00	1.00	0.60	1.00
2831.00	60346.00	60440.00	0.92	1.00	1.00	1.00
2837.00	Start of Line	End of Line	1.00	1.00	1.00	1.10
2839.00	Start of Line	End of Line	1.00	1.00	1.00	1.10
2843.00	75844.00	End of Line	0.90	1.00	1.00	1.00
2844.00	68750.00	68976.00	0.90	1.00	1.00	1.00
2847.00	Start of Line	End of Line	1.00	1.00	0.80	1.00
2849.00	Start of Line	End of Line	1.00	1.00	1.20	1.00
2851.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2852.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2852.00	Start of Line	60554.00	0.90	1.00	1.00	1.00
2853.00	Start of Line	End of Line	1.00	1.00	0.90	1.00
2855.00	68190.00	End of Line	1.00	1.00	1.20	1.00
2870.00	65990.00	66224.00	0.90	1.00	1.00	1.00
2890.00	Start of Line	64174.00	0.85	1.00	1.00	1.00
2891.02	71500.00	71820.00	1.00	1.00	0.80	1.00
2891.02	Start of Line	71474.00	1.30	1.00	1.00	1.00
2892.01	72345.00	End of Line	1.00	1.00	0.80	1.00
2892.01	72772.00	72850.00	0.90	1.00	1.00	1.00
2893.00	Start of Line	69970.00	0.90	1.00	1.00	1.00
2894.00	Start of Line	68172.00	0.90	1.00	1.00	1.00
2896.00	75834.00	End of Line	1.25	1.00	1.00	1.00
2897.01	73400.00	End of Line	1.00	1.00	0.80	1.00
2897.01	Start of Line	73324.00	1.20	1.00	1.00	1.00
2898.00	67658.00	End of Line	0.95	1.00	1.00	1.00
2899.00	Start of Line	76464.00	1.20	1.00	1.00	1.00
2900.00	71804.00	End of Line	1.25	1.00	1.00	1.00
2902.00	Start of Line	67726.00	1.10	1.00	1.00	1.00
2917.00	Start of Line	End of Line	1.00	1.10	1.00	1.00
2952.00	80454.00	80538.00	1.10	1.00	1.00	1.00
2953.00	67600.00	67686.00	0.90	1.00	1.00	1.00
2954.00	57974.00	58030.00	0.90	1.00	1.00	1.00
2955.00	59044.00	59140.00	1.10	1.00	1.00	1.00
4125.01	Start of Line	End of Line	1.00	1.00	1.00	1.10
4126.02	Start of Line	End of Line	1.00	1.00	1.00	1.10
4127.01	Start of Line	End of Line	1.00	1.00	1.00	1.10
4128.01	Start of Line	End of Line	1.00	1.00	1.00	1.10
4139.00	68060.00	68374.00	0.90	1.00	1.00	1.00
4159.00	Start of Line	81820.00	1.00	1.00	1.25	1.00
4165.00	73280.00	End of Line	1.00	1.00	1.30	1.00
4171.00	Start of Line	End of Line	1.00	1.00	1.30	1.00
4207.00	Start of Line	End of Line	1.15	1.10	1.00	1.10
4208.00	Start of Line	End of Line	1.15	1.10	1.15	1.10
4209.00	Start of Line	End of Line	1.15	1.10	1.15	1.10
4210.00	Start of Line	End of Line	1.15	1.10	1.15	1.10
4211.00	Start of Line	End of Line	1.15	1.10	1.25	1.10
4213.00	Start of Line	End of Line	1.15	1.10	1.15	1.10
4214.00	Start of Line	End of Line	1.10	1.10	1.15	1.10
4215.00	Start of Line	End of Line	1.10	1.10	1.15	1.10
4215.00	Start of Line	79290.00	1.00	1.00	1.10	1.00
4216.00	Start of Line	End of Line	1.10	1.10	1.15	1.10

SGL

Appendix XV





Geoscience BC

Geoscience BC is an independent, non-profit organization that generates earth science in collaboration with First Nations, local communities, government, academia and the resource sector. Our independent earth science enables informed resource management decisions and attracts investment and jobs. Geoscience BC gratefully acknowledges the financial support of the Province of British Columbia.

Magnetic Gradient and Radiometric Survey

Search Project Phase II

British Columbia - 2016

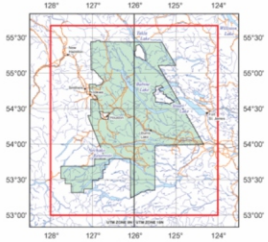
Geoscience BC Map 2017-03-20

AIR ABSORBED DOSE RATE (nGy/h)



Legend

- Hydrography
- Elevation contour
- Roads
- Trails
- Railway
- Pipelines
- Power transmission line
- Built-up area / Settlement
- Airfield
- Mine



Map Index

Survey and Processing Specifications

Traverse Line Spacing	250 m
Traverse Line Direction	along bearing: 90° -270°
Control Line Spacing	2500 m
Control Line Direction	along bearing: 0° - 180°
Aircraft Altitude	80 m above drape (WGS84)
Flying Speed	120 knots
Magnetometer Sensor	Geometrics G-822, cesium split beam
Magnetometer Sensitivity	0.01 nT
Magnetometer Sample Rate	10 Hz
Spectrometer	Exploranium GR-820
Spectrometer Crystal Volume	50.4 litres downward, 8.4 litres upward
GPS Receiver	72 channel NovAtel OEMV3
Aircraft	Cessna Grand Caravan 208B (3): C-SGSL, C-SGSV, and C-GSGW
Magnetic Inclination at 54.5°N, 126.0°W	73.505°
Magnetic Declination at 54.5°N, 126.0°W	18.314°
Total Magnetic Field	55980.0 nT
GPS Ground Station 1 (WGS-84)	54°14'21.6186"N, 125°46'24.0776W, 701.5700 m
GPS Ground Station 2 (WGS-84)	54°10'55.3698"N, 125°43'07.8811W, 749.8733 m
GPS Ground Station 3 (WGS-84)	54°49'13.1486"N, 127°11'17.5321W, 513.9100 m
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Magnetic Ground Station 3 (WGS-84)	54°49'13.1486"N, 127°11'17.5321W, 513.9100 m
Data Flown	July 7 - October 11, 2016
Grid Cell Size	50 m
IGRF Model	2015
Datum	CSRS (2014)
Projection	BC Albers Equal Area

Scale 1 : 500 000

km 10 0 20 40 km

Datum: CSRS (2014) Projection: BC Albers Equal Area
Base map derived from Canada NTS 1 : 250 000 scale shape files

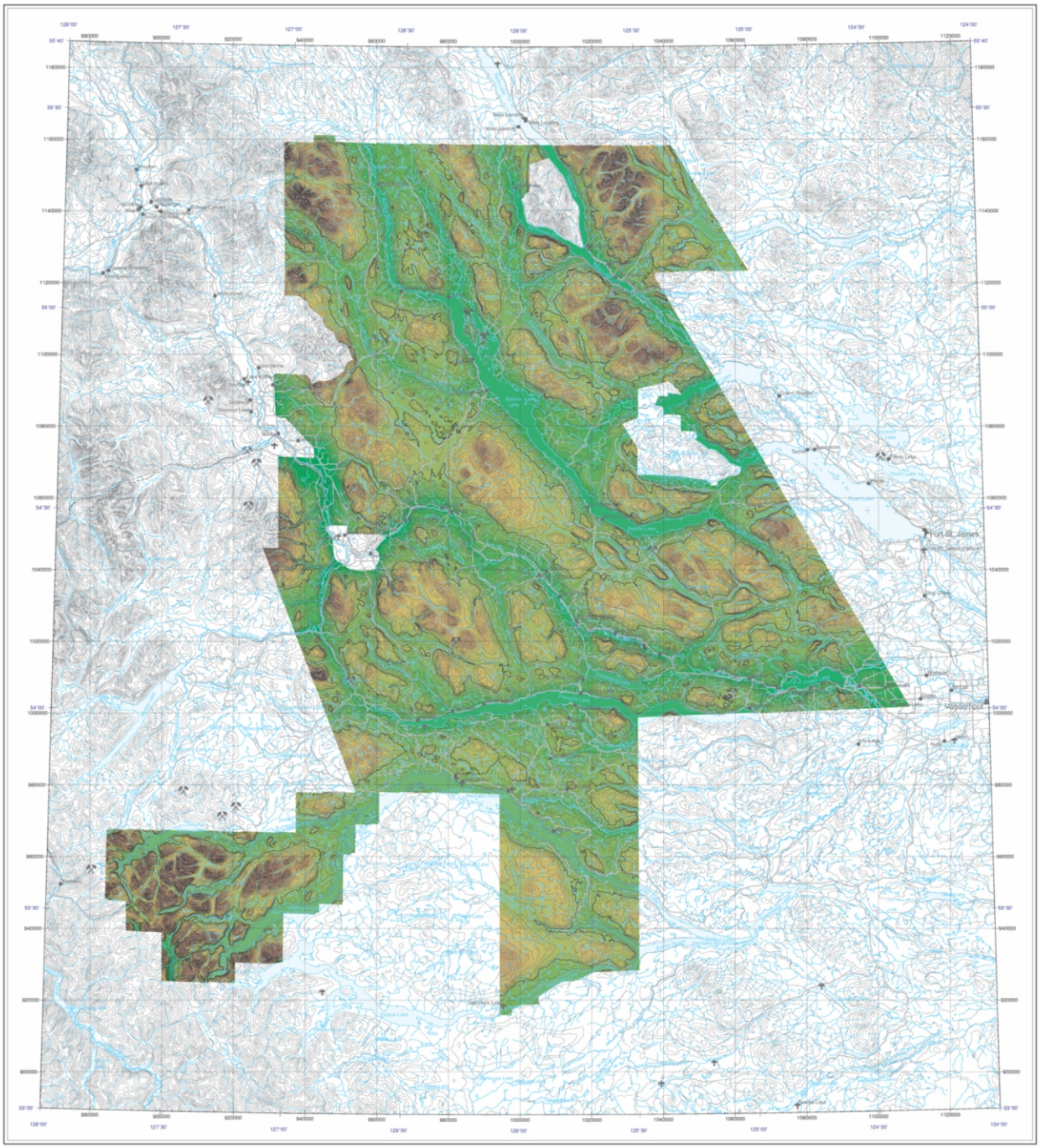
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Tel: +1 613-521-0626
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Air Absorbed Dose Rate (nGy/h)

Geoscience BC Map 2017-03-20

Search Project Phase II
British Columbia - 2016



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Magnetic Gradient and Radiometric Survey

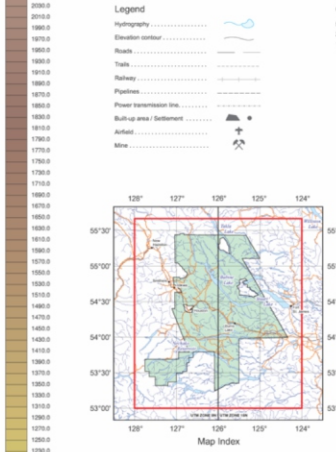
Search Project Phase II

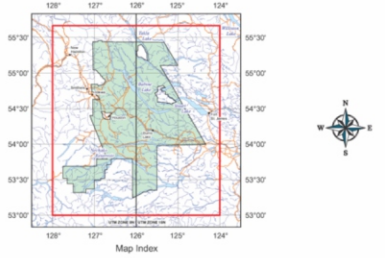
British Columbia - 2016

Geoscience BC Map 2017-03-40

DIGITAL ELEVATION MODEL (m)

(orthometric height with respect to Canadian Geodetic Vertical Datum)





Map Index

Survey and Processing Specifications

Traverse Line Spacing	250 m
Traverse Line Direction	along bearing: 90° -270°
Control Line Spacing	2500 m
Control Line Direction	along bearing: 0° - 180°
Aircraft Altitude	80 m above drape (WGS84)
Flying Speed	120 knots
Magnetometer Sensor	Geometrics G-822, cesium split beam
Magnetometer Sensitivity	0.01 nT
Magnetometer Sample Rate	10 Hz
Spectrometer	Exploranium GR-820
Spectrometer Crystal Volume	50.4 litres downward, 8.4 litres upward
GPS Receiver	72 channel NovAtel OEMV3
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Data Flown	July 7 - October 11, 2016
Grid Cell Size	50 m
IGRF Model	2015
Datum	CSRS (2014)
Projection	BC Albers Equal Area

Scale 1 : 500 000

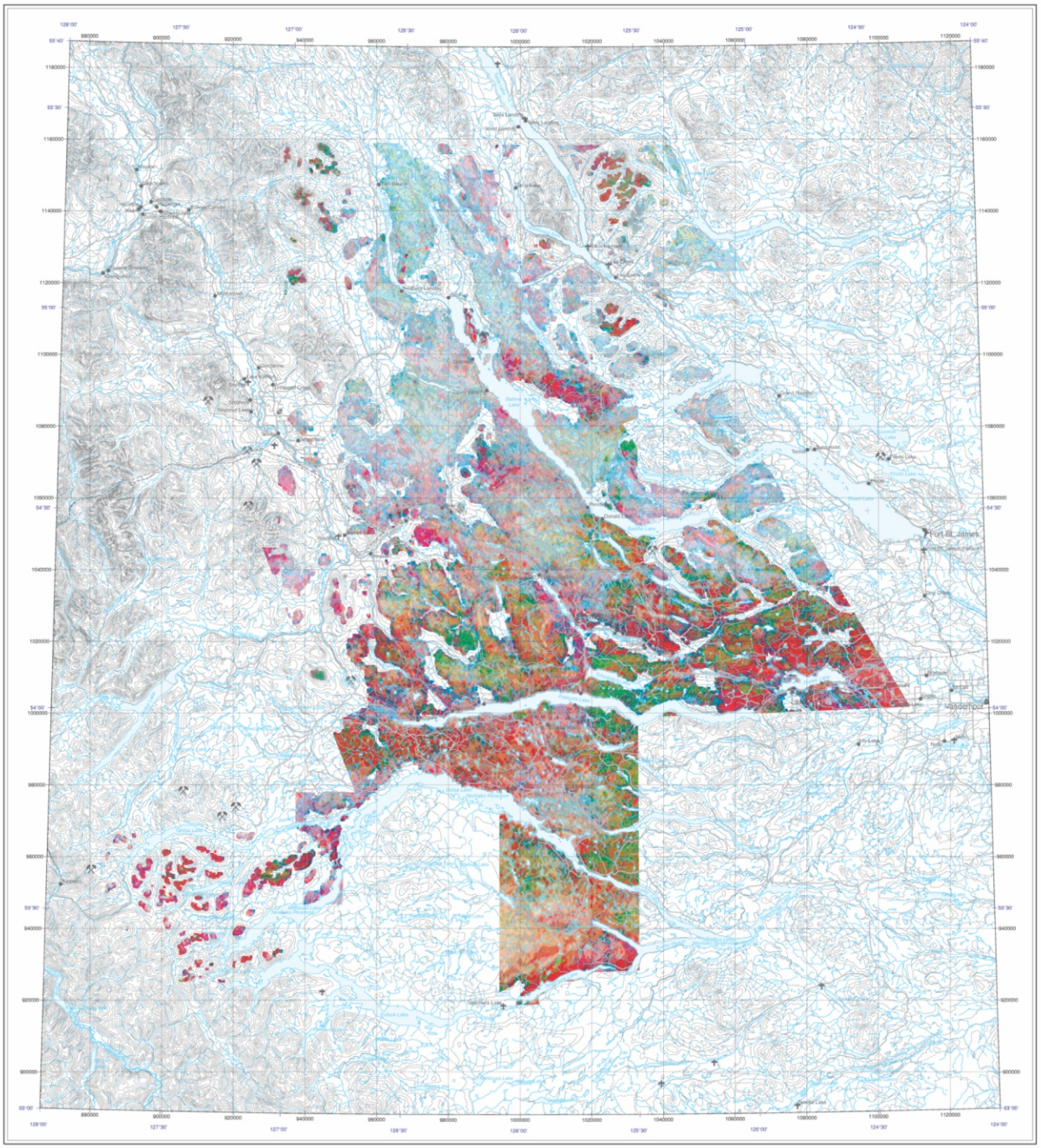
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Datum: CSRS (2014) Projection: BC Albers Equal Area
Base map derived from Canada NTS 1 : 250 000 scale shape files

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Digital Elevation Model (m)
(orthometric height with respect to Canadian Geodetic Vertical Datum)
Geoscience BC Map 2017-03-40
Search Project Phase II
British Columbia - 2016



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Magnetic Gradient and Radiometric Survey

Search Project Phase II

British Columbia - 2016

Geoscience BC Map 2017-03-30

RADIOMETRIC TERNARY

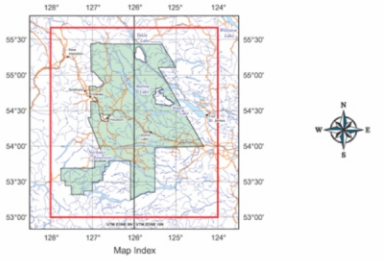
Legend

- Hydrography
- Elevation contour
- Roads
- Trails
- Railway
- Pipelines
- Power transmission line
- Built-up area / Settlement
- Airfield
- Mine



Relative Concentrations

Total Radioactivity(T.R.) = K(%) + eU(ppm) + eTh·4(ppm)



Map Index

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Datum	CSRS (2014)
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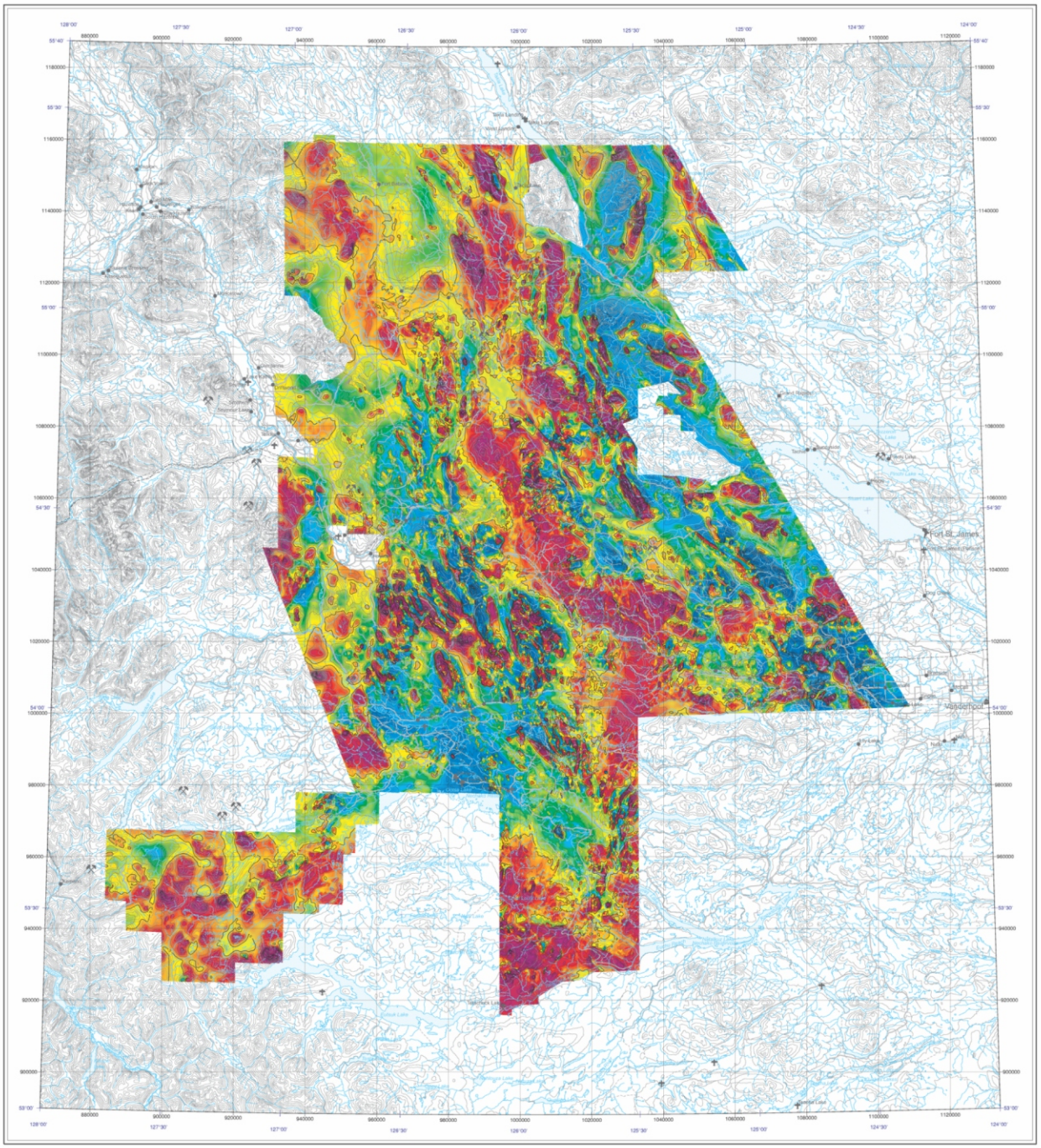
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Datum: CSRS (2014) Projection: BC Albers Equal Area
Base map derived from Canada NTS 1 : 250 000 scale shape files

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Radiometric Ternary
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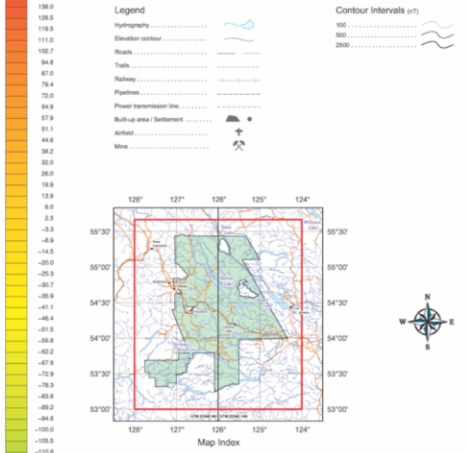
Magnetic Gradient and Radiometric Survey

Search Project Phase II

British Columbia - 2016

Geoscience BC Map 2017-03-10

RESIDUAL MAGNETIC FIELD (nT)



Survey and Processing Specifications

Traverse Line Spacing	250 m
Traverse Line Direction	along bearing: 90° -270°
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Control Line Direction	along bearing: 0° - 180°
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Grid Cell Size	50 m
IGRF Model	2015
Datum	CSRS (2014)
Projection	BC Albers Equal Area

Scale 1 : 500 000

km 10 0 20 40 km

Datum: CSRS (2014) Projection: BC Albers Equal Area
Base map derived from Canada NTS 1 : 250 000 scale shape files

Flown and compiled by:

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Residual Magnetic Field (nT)
Geoscience BC Map 2017-03-10
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British Columbia - 2016