A TEAM PROFESSIONAL ASSOCIATES, INC.

SURVEY REPORT MANUAL FOR DECEMBER 2011 CENTENNIAL MAPPING CONTRACT FCD2009C026

SITUATED IN OR NEAR
SECTIONS 19, 20, 29, 30, 32, TOWNSHIP 1 NORTH, RANGE 8 WEST;
SECTIONS 1-4, 6, 7, 10-14, 24, TOWNSHIP 1 NORTH, RANGE 9 WEST;
SECTION 1, TOWNSHIP 1 NORTH, RANGE 10 WEST;
SECTIONS 31, TOWNSHIP 2 NORTH, RANGE 8 WEST;
SECTIONS 19-22, 26-30, 31-36, TOWNSHIP 2 NORTH, RANGE 9 WEST;
SECTIONS 7-9, 13-18, 21-24, 25-27, 35, 36,
TOWNSHIP 2 NORTH, RANGE 10 WEST,
MARICOPA COUNTY, ARIZONA

PREPARED FOR
STEWART GEO TECHNOLOGIES &
FLOOD CONTROL DISTRICT OF MARICOPA COUNTY
JANUARY, 2012

Table of Contents

1. SURVEYORS SUMMARY/CERTIFICATION

2. RESULTS OF SURVEY W/COORDINATE LIST/CERTIFICATION
   - 2.1 FINAL COORDINATES PRIMARY PANEL POINTS
   - 2.2 FINAL COORDINATES BLIND PANEL POINTS
   - 2.3 NGS QC DIFFERENCES REPORT - N/A
   - 2.4 MCFCD HIS COORDINATE FORMAT
   - 2.5 AIRBORN GPS REPORT

3. TBC REPORTS
   - 3.1 MAP OF STATIC VECTORS
   - 3.2 OCUPATION SPREADSHEET
   - 3.3 BASELINE PROCESSING REPORT
   - 3.4 NETWORK ADJUSTMENT REPORT

4. METADATA FOR CONTROL STATIONS
   EACH CONTROL POINT IS ORGANIZED AS FOLLOWS:
   - NGS RECOVERY SHEETS
   - GPS LOG SHEETS
   - SUPPORTING PICTURES

5. METADATA FOR PANEL POINTS
   - 5.1 METADATA FOR PRIMARY PANEL POINTS
   - 5.2 METADATA FOR BLIND PANEL POINTS
     EACH PANEL IS ORGANIZED AS FOLLOWS:
     - GPS LOG SHEETS
     - SUPPORTING PICTURES

NOTE : HIGH LIGHTED AREAS ARE AVAILABLE ONLY IN DIGITAL VERSION OF
REPORT AND HAVE NOT BEEN PRINTED.

PLEASE SEE FILE TITLE "*2022-3 SURVEY REPORT MANUAL.pdf*" FOR THIS INFORMATION.

SECTION 1

SURVEYORS SUMMARY/CERTIFICATION

SURVEYORS SUMMARY AND CERTIFICATION

BACKGROUND

The Global Positioning System (GPS) is a highly-accurate, satellite-based, spatial positioning technology. It is capable of providing sub-centimeter horizontal positions (coordinates) over large distances.

Because of the nature of the GPS satellite configuration and other considerations it is not able to provide equally accurate vertical positions (elevations). Generally speaking, the accuracy of GPS-derived elevations is only one-half to one-third as accurate as GPS-derived horizontal positions (latitude and longitude), and achieving this vertical accuracy requires a greater effort than that required for horizontal accuracies.

The plan of this network was to develop a methodology to achieve the maximum vertical accuracy in a reasonable and practical manner.

SURVEY SUMMARY

Flood Control District of Maricopa County (FCDMC) utilized Stewart Geo Technologies (SGT) to perform the Aerial Mapping and Photogrammetry for Centennial Wash Mapping, a 29 square mile area. SGT utilized A Team Professional Associates, Inc. to perform the survey tasks for the Centennial Mapping Contract FCD 2009C026. A Team was responsible for the primary control network, consisting of observing and adjusting the 31 Primary Panels, 30 Blind Panels and 5 NGS Control Stations making up the network. A Team was also responsible for the ground support for the Airborne GPS (AGPS) and the post-processing of the ABGPS.

Great care was taken in preparing a Global Positioning Systems (GPS) Primary Control Network of the various horizontal and vertical control stations available in

the immediate and outer surrounding area. The following is a summary of the control found and utilized for the "Primary Control Network":

STATION NAME	HORIZ. ORDER	VERTICAL ORDER	ELLIPS. ORDER	HORIZ. STATUS	ELLIPS. STATUS	VERTICAL STATUS
4BR1	**B**	**K**	**3RD 2**	**FIXED**	**FIXED**	**CHECK**
4DP1	**B**	**K**	**3RD 2**	**FIXED**	**FIXED**	**CHECK**
4CU2	**B**	**K**	**3RD 2**	**FIXED**	**FIXED**	**CHECK**
3DP2	**B**	**K**	**3RD 2**	**FIXED**	**FIXED**	**CHECK**
4EU2	**B**	**K**	**3RD 2**	**FIXED**	**FIXED**	**CHECK**

NOTES:

The control stations in **BOLD RED** font are the stations used to constrain the network. The vertical designation of "K" designates an orthometric height was determined by GPS observations and a high-resolution geoid model using precise GPS observation and processing techniques.

The control stations 4BR1, 4DP1, 3DP2, 4EU2 and 4CU2 were used to constrain the network horizontally, while all of the GDAC points were used vertically by fixing the ellipsoid value. The network was adjusted and constrained in geodetic coordinates with ellipsoid heights utilizing the NAD 83 definition of the Ellipsoid.

Upon completion of the adjustment the projection for Arizona Central Zone (0202) was applied to the geodetic coordinates to generate the NAD83 State Plane Grid Coordinates for this project. Next, the GEOID99 separation adjustment projection values (with an inclined plane) are added to the ellipsoid projection which in turn calculates the orthometric height values, (Maricopa's GDAC Projection) NAVD88 Elevations. For more information see the coordinate system details below.

COORDINATE SYSTEM

COORDINATE SYSTEM	: GDAC NAD83 ZONE 0202
ZONE	: ZONE FROM DATA COLLECTOR
DATUM	: (WGS 84)
ELLIPSOID NAME	: (WGS 84)
GEOID MODEL	: GEOID99 (CONUS)
SITE	: GDAC METERS NAD 83 AZ SPC

ELLIPSOID

ELLIPSOID NAME	: (WGS 84)		
FLATTENING 1/F	: 298.257		
SEMI MAJOR AXIS	: 6378137.000M		
DATUM TRANSFORMATION	: THREE PARAMETER		
WGS84 TO (WGS 84)			
TRANSLATION X	: 0.000M	**ROTATION X**	: N/A
TRANSLATION Y	: 0.000M	**ROTATION Y**	: N/A
TRANSLATION Z	: 0.000M	**ROTATION Z**	: N/A

SCALE FACTOR : N/A PPM

TRANSVERSE MERCATOR PROJECTION

PROJECTION ORIGIN			FALSE ORIGIN	
LATITUDE	: 31°00'00.00000"N	FALSE	NORTHING	: 0.000M
LONGITUDE	: 111°55'00.00000"W	FALSE	EASTING	: 213360.000M
HEIGHT	: N/A	FALSE	ELEVATION	: N/A
SCALE FACTOR	: 0.99990000			

LOCAL SITE SETTINGS

PROJECT LATITUDE	: ?
PROJECT LONGITUDE	: ?
PROJECT HEIGHT	: 0.000M
GROUND SCALE FACTOR	: N/A
FALSE NORTHING OFFSET	: N/A
FALSE EASTING OFFSET	: N/A

GPS SITE CALIBRATION DETAILS

HORIZONTAL ADJUSTMENT

NORTH ORIGIN	: N/A	TRANSLATION NORTH	: N/A
EAST ORIGIN	: N/A	TRANSLATION EAST	: N/A
SCALE	: N/A	ROTATION	: N/A

VERTICAL ADJUSTMENT	: GEOID W\ INCLINED PLANE
NORTH ORIGIN	: 267232.856M
EAST ORIGIN	: 249010.623M
VERTICAL CONSTANT CORRECTION	: 0.038M
SLOPE NORTH	: -0.191PPM
SLOPE EAST	: -0.003PPM

NETWORK ADJUSTMENT PARAMETERS	: NONE
LONGITUDE DEFLECTION	: N/A
LATITUDE DEFLECTION	: N/A
AZIMUTH ROTATION	: N/A
NETWORK SCALE	: N/A
DISTANCE SCALE	: N/A
DISTANCE CONSTANT	: N/A
HEIGHT CONSTANT	: N/A

Ground Control

Airborn GPS Ground Control Three Trimble 5800 receivers were set up on GDAC control points throughout the project (4BR1, 4DP1 and 4CU2). These control points were established previously during the densification of the control network for Maricopa County. All three points are Horizontal order "B", and Ellipsoid Order "Third Class 2". The data collected by these ground control receivers was downloaded and the onboard GPS collected on the aircraft was acquired. The data was processed, analyzed such to deliver final coordinates for

the Camera Nodal point of each station where an image was taken. The results were further compiled into a report and forwarded to the Pinnacle Mapping for further use.

Static Procedures

The ATEAM has designed our static survey method procedures to eliminate errors, and provide confidence in our results. A GPS observation schedule was made to ensure strong geometric figures and redundant measurements. Each primary control point was occupied for a minimum of 20 minutes and simultaneously with a minimum of four other receivers on other primary controls as well as the four day burners being the control mentioned above to constrain the network. Fixed height tripods / fixed height poles were used for every occupation to eliminate antenna height errors. Observation logs were filled out for each occupation at each primary control point (see Section 4 and Section 5 of the Survey Manual Report for observation log sheets). Each log sheet includes the height of the antenna, the type of antenna, the start and end time of the point being observed, the receiver serial number, the julian day, the beginning and ending latitude, longitude and ellipsoid height, the beginning and ending satellites and the name of personnel who observed the point.

The phases of work as follows are specific to the responsibilities of the work performed by A Team P.A., Inc.

Phase I:

The first phase of this project was to establish the primary control points and blind panels needed to perform aerial mapping for this project. This was accomplished by collecting static observations on the five GDAC base stations (4BR1, 4DP1, 3DP2, 4EU2 and 4CU2) using five Trimble 4000SSE receivers. ATEAM used Trimble 5800, 5700 and 4800 receivers to collect the 20 minute static sessions on the 31 primary aerial panel points/targets and the 30 blind aerial panels/targets. The results of these direct observations and vectors from the control were then analyzed, and confidence was derived from those control stations that were in agreement (See Section 2.1, 2.2 & 3.4 of this Survey Report Manual for more information). All of the GPS data collected for the primary control network was post-processed and ran through network adjustments in Trimble Business Center. The results were then checked against published NGS/GDAC values for quality control. The coordinates and reports shown within this Survey Report Manual for the "Primary Control Network" were derived from Trimble Business Center.

Phase II:

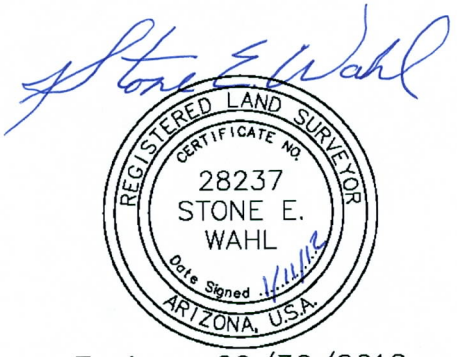
The second phase of this project was to provide three ground base stations on three GDACS (4BR1, 4DP1 and 4CU2) for airborne gps post processing purposes. These three setups utilized fixed height tripods and three Trimble

5800 receivers each collecting at a 1 second epoch rate. Coordination with SGT regarding the date of flight, requirements of the specifications of airborne collection and A Team was completed. Upon completion of the flight acquisition of the imagery A Team collected the onboard aircraft GPS data. The ground station data and the onboard aircraft data was then post processed and finalized in GrafNav Rel. 8.2. The results were compiled in the required datum for the camera nodal points of each station (time when image was taken) and can be seen in Section 2.5 of this Survey Report Manual.

SURVEYORS CERTIFICATION

I, STONE E. WAHL, AN ARIZONA REGISTERED LAND SURVEYOR, CERTIFY THAT THE FIELD SURVEYS, DOCUMENTED HEREIN, ALONG WITH ALL FIELD, AND OFFICE PROCESS PROCEDURES, USED DURING THE COURSE OF SURVEY, WERE PERFORMED UNDER MY DIRECT SUPERVISION, AND THAT THESE SURVEYS, ARE RETRACEABLE, AND REPEATABLE. FURTHER, I CERTIFY THAT THIS SURVEY REPORT WAS PREPARED UNDER MY DIRECT SUPERVISION; AND THAT THE COORDINATE VALUES, AS SHOWN IN SECTIONS 2.1 AND 2.2 OF THIS REPORT REPRESENT VERTICAL ACCURACIES WITHIN, (PLUS OR MINUS, +/-), THREE (3) CENTIMETERS (+/- 3CM), OR LESS, AS QUALIFIED BY THE EVALUATIONS OF THE GPS DERIVED, ORTHOMETRIC ELEVATION DIFFERENCES.

STONE E. WAHL
AZ RLS #28237



Expires: 09/30/2012

SECTION 2

RESULTS OF SURVEY-
COORDINATE LISTS REPORTS
WITH CERTIFICATION

SECTION 2.1

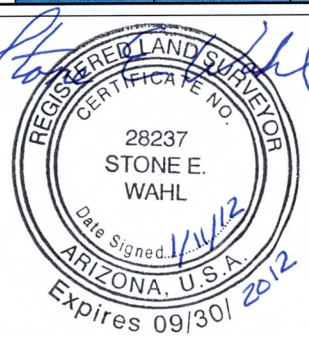
FINAL COORDINATES PRIMARY PANEL POINTS

FINAL COORDINATES BLIND PANEL POINTS - DECEMBER 2011 CENTENNIAL MAPPING

Point Name	DESCRIPTION	NAD 83(1992) Latitude	NAD 83(1992) Longitude	GRS (80) Ellipsoid Height (IFT)	GRS (80) Geoid Height (IFT)	NAD 83(1992) AZ SPCS (0202) Northing (Ground) (IFT)	NAD 83(1992) AZ SPCS (0202) Easting (Ground) (IFT)	NAVD 88 Elevation (IFT)	CONVERGENCE	GRID SCALE FACTOR
CONTROL										
3BP2	NGS 3D MONUMENT	33°20'01.45807"	-113°03'57.81131"	911.06	-102.07	850891.466	348949.066	1013.25	-0°37'54"	0.999997630
4BR1	NGS 3D MONUMENT	33°25'16.10743"	-113°10'16.54708"	1019.59	-102.30	883066.038	317198.441	1122.02	-0°41'28"	1.000019130
4CU2	NGS 3D MONUMENT	33°28'50.41071"	-113°18'51.06560"	1279.82	-102.14	905284.125	273878.292	1382.09	-0°46'16"	1.000046838
4DP1	NGS 3D MONUMENT	33°30'03.76107"	-113°04'33.78854"	1109.48	-101.37	911804.274	346575.140	1210.97	-0°38'24"	0.999990069
4EU2	NGS 3D MONUMENT	33°33'55.89062"	-113°20'01.88746"	1259.88	-102.06	936244.170	268301.235	1362.05	-0°47'01"	1.000053265
BLIND PANEL POINTS										
BP1	SET 1/2" I.B. W/ 2" ALUM. CAP	33°23'42.50752"	-113°06'17.84455"	961.16	-102.08	873367.607	337322.891	1063.37	-0°39'15"	1.000004739
BP2	SET 1/2" I.B. W/ 2" ALUM. CAP	33°24'30.02604"	-113°06'35.71688"	974.24	-102.05	878187.987	335862.656	1076.42	-0°39'25"	1.000005330
BP3	SET 1/2" I.B. W/ 2" ALUM. CAP	33°25'09.37511"	-113°08'09.72679"	994.56	-102.16	882257.706	327939.815	1096.85	-0°40'18"	1.000011039
BP4	SET 1/2" I.B. W/ 2" ALUM. CAP	33°26'06.98510"	-113°08'42.64114"	1007.38	-102.14	888113.649	325218.715	1109.64	-0°40'37"	1.000012755
BP5	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'25.86047"	-113°08'41.81696"	1016.67	-102.02	896085.428	325382.776	1118.81	-0°40'38"	1.000012170
BP6	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'03.81857"	-113°08'09.25325"	1016.06	-101.90	899889.688	326186.770	1118.08	-0°40'21"	1.000009801
BP7	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'26.97548"	-113°10'47.75112"	1048.71	-102.19	896326.054	314714.305	1151.02	-0°41'48"	1.000019924
BP8	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'18.40183"	-113°11'46.95096"	1069.94	-102.18	901585.583	309762.595	1172.25	-0°42'21"	1.000023308
BP9	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'17.72670"	-113°09'10.96687"	1031.84	-101.98	901357.300	322975.430	1133.94	-0°40'55"	1.000013517
BP10	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'50.86731"	-113°10'14.43035"	1062.11	-101.92	910836.353	317713.042	1164.15	-0°41'32"	1.000016647
BP11	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'44.58768"	-113°11'11.10023"	1064.46	-102.11	904195.166	312831.932	1166.69	-0°42'02"	1.000020837
BP12	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'58.07014"	-113°12'26.89503"	1086.03	-102.17	905637.123	306428.696	1188.31	-0°42'44"	1.000025532
BP13	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'27.22360"	-113°12'51.24551"	1074.14	-102.26	896480.067	304251.469	1176.53	-0°42'56"	1.000028069
BP14	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'21.22053"	-113°14'32.12077"	1108.29	-102.22	902045.976	295774.353	1210.63	-0°43'52"	1.000034204
BP15	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'53.53087"	-113°13'35.91119"	1109.07	-102.16	911316.327	300653.674	1211.35	-0°43'23"	1.000029676
BP16	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'37.92407"	-113°14'39.10224"	1122.70	-102.19	909806.771	295282.065	1225.01	-0°43'58"	1.000033972
BP17	SET 1/2" I.B. W/ 2" ALUM. CAP	33°30'13.90261"	-113°16'19.61962"	1148.76	-102.19	913553.542	286816.632	1251.07	-0°44'54"	1.000040657
BP18	SET 1/2" I.B. W/ 2" ALUM. CAP	33°30'53.79831"	-113°17'27.06846"	1166.69	-102.18	917661.386	281158.359	1268.99	-0°45'32"	1.000045192
BP19	SET 1/2" I.B. W/ 2" ALUM. CAP	33°31'59.03514"	-113°19'02.07199"	1202.53	-102.16	924363.256	273203.342	1304.80	-0°46'26"	1.000051185
BP20	SET 1/2" I.B. W/ 2" ALUM. CAP	33°30'57.88543"	-113°18'17.96047"	1185.48	-102.17	918131.890	276854.805	1287.77	-0°46'00"	1.000048445
BP21	SET 1/2" I.B. W/ 2" ALUM. CAP	33°31'40.59564"	-113°17'45.88246"	1184.71	-102.16	922412.897	279628.263	1286.99	-0°45'43"	1.000045802
BP22	SET 1/2" I.B. W/ 2" ALUM. CAP	33°31'17.87205"	-113°19'06.94426"	1197.85	-102.17	920207.960	272734.642	1300.14	-0°46'28"	1.000051867
BP23	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'29.22251"	-113°15'41.02734"	1137.39	-102.19	908994.712	290026.172	1239.70	-0°44'32"	1.000038174
BP24	SET 1/2" I.B. W/ 2" ALUM. CAP	33°30'29.61348"	-113°14'45.42364"	1134.91	-102.17	915038.435	294813.619	1237.20	-0°44'02"	1.000033823
BP25	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'38.47823"	-113°13'11.14234"	1093.95	-102.21	903703.580	302656.042	1196.28	-0°43'08"	1.000028571
BP26	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'43.81371"	-113°10'50.38202"	1067.25	-101.99	910160.306	314659.739	1169.36	-0°41'52"	1.000019086
BP27	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'10.71805"	-113°10'14.84711"	1055.98	-101.99	906778.509	317628.723	1158.09	-0°41'31"	1.000017014
BP28	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'02.51298"	-113°08'42.58813"	1033.87	-101.85	905855.728	325432.982	1135.84	-0°40'40"	1.000011305
BP29	SET 1/2" I.B. W/ 2" ALUM. CAP	33°26'33.77948"	-113°07'59.00822"	1005.85	-102.03	890778.500	328948.145	1108.01	-0°40'14"	1.000009642
BP30	SET 1/2" I.B. W/ 2" ALUM. CAP	33°26'35.30310"	-113°10'44.47926"	1039.32	-102.25	891099.688	314928.074	1141.70	-0°41'45"	1.000020184

SURVEYORS CERTIFICATION

I, STONE E. WAHL AN ARIZONA REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THE VALUES/COORDINATES SHOWN HEREON WERE DEVELOPED BY GPS OBSERVATIONS AND PROCESSED, ALL UNDER MY DIRECT SUPERVISION, AND ARE TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.



STONE E. WAHL ARIZONA RLS #28237

NOTE: IF THIS DOCUMENT DOES NOT BEAR THE SIGNATURE OF THIS REGISTRANT THE DOCUMENT IS NOT VALID AND SHOULD BE USED WITH EXTREME CAUTION AND DISCRETION

SECTION 2.2

FINAL COORDINATES BLIND PANEL POINTS

FINAL COORDINATES PRIMARY PANEL POINTS - DECEMBER 2011 CENTENNIAL MAPPING

Point Name	DESCRIPTION	NAD 83(1992) Latitude	NAD 83(1992) Longitude	GRS (80) Ellipsoid Height (IFT)	GRS (80) Geoid Height (IFT)	NAD 83(1992) AZ SPCS (0202) Northing (Ground) (IFT)	NAD 83(1992) AZ SPCS (0202) Easting (Ground) (IFT)	NAVD 88 Elevation (IFT)	CONVERGENCE	GRID SCALE FACTOR
CONTROL										
3BP2	3BP2 NGS*NAD83(1992)	33°20'01.45807"	-113°03'57.81131"	911.056	-102.07	850891.47	348949.07	1013.25	-0°37'54"	0.99999763
4BR1	4BR1 NGS*NAD83(1992)	33°25'16.10743"	-113°10'16.54708"	1019.587	-102.30	883066.04	317198.44	1122.02	-0°41'28"	1.00001913
4CU2	4CU2 NGS*NAD83(1992)	33°28'50.41071"	-113°18'51.06560"	1279.823	-102.14	905284.13	273878.29	1382.09	-0°46'16"	1.00004684
4DP1	4DP1 NGS*NAD83(1992)	33°30'03.76107"	-113°04'33.78854"	1109.482	-101.37	911804.27	346575.14	1210.97	-0°38'24"	0.99999007
4EU2	4EU2 NGS*NAD83(1992)	33°33'55.89062"	-113°20'01.88746"	1259.875	-102.06	936244.17	268301.24	1362.05	-0°47'01"	1.00005327
PRIMARY PANEL POINTS										
PP1	SET 1/2" I.B. W/ 2" ALUM. CAP	33°31'29.17359"	-113°20'03.35473"	1217.388	-102.16	921415.26	267974.26	1319.67	-0°46'59"	1.00005562
PP2	SET 1/2" I.B. W/ 2" ALUM. CAP	33°32'04.00774"	-113°20'08.30987"	1213.993	-102.15	924942.13	267602.93	1316.26	-0°47'02"	1.00005615
PP3	SET 1/2" I.B. W/ 2" ALUM. CAP	33°32'36.54281"	-113°20'09.07371"	1226.352	-102.14	928231.76	267583.29	1328.61	-0°47'04"	1.00005558
PP4	SET 1/2" I.B. W/ 2" ALUM. CAP	33°31'39.20746"	-113°18'42.46873"	1190.036	-102.16	922336.66	274835.87	1292.32	-0°46'14"	1.00005019
PP5	SET 1/2" I.B. W/ 2" ALUM. CAP	33°31'03.70788"	-113°16'17.05521"	1166.099	-102.18	918585.10	287099.52	1268.40	-0°44'53"	1.00003956
PP6	SET 1/2" I.B. W/ 2" ALUM. CAP	33°30'29.16435"	-113°17'11.34593"	1166.430	-102.18	915153.74	282456.73	1268.73	-0°45'23"	1.00004396
PP7	SET 1/2" I.B. W/ 2" ALUM. CAP	33°30'21.34667"	-113°15'30.21488"	1142.497	-102.19	914251.63	291010.03	1244.80	-0°44'27"	1.00003701
PP8	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'02.01873"	-113°15'21.38060"	1130.991	-102.20	906223.42	291654.65	1233.31	-0°44'20"	1.00003695
PP9	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'52.03319"	-113°14'13.50046"	1100.223	-102.23	899075.62	297314.21	1202.58	-0°43'42"	1.00003317
PP10	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'59.06734"	-113°13'21.82866"	1100.558	-102.19	905796.10	301777.01	1202.87	-0°43'14"	1.00002906
PP11	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'24.42806"	-113°12'40.44571"	1092.070	-102.15	908315.67	305314.16	1194.34	-0°42'52"	1.00002625
PP12	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'55.14855"	-113°12'05.60465"	1089.875	-102.08	911384.25	308303.42	1192.07	-0°42'33"	1.00002366
PP13	SET 1/2" I.B. W/ 2" ALUM. CAP	33°30'05.49452"	-113°11'03.37069"	1076.437	-101.98	912365.21	313586.51	1178.54	-0°41'59"	1.00001960
PP14	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'53.88814"	-113°12'30.28280"	1076.480	-102.24	899153.18	306061.06	1178.84	-0°42'45"	1.00002632
PP15	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'00.06970"	-113°13'26.64649"	1080.732	-102.28	893772.95	301217.56	1183.13	-0°43'15"	1.00003051
PP16	SET 1/2" I.B. W/ 2" ALUM. CAP	33°26'20.44958"	-113°10'09.76286"	1029.347	-102.24	889562.72	317851.83	1131.71	-0°41'25"	1.00001809
PP17	SET 1/2" I.B. W/ 2" ALUM. CAP	33°26'54.10009"	-113°09'40.22404"	1028.461	-102.16	892934.01	320395.77	1130.74	-0°41'10"	1.00001591
PP18	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'52.82656"	-113°10'24.58608"	1044.039	-102.13	898915.26	316708.58	1146.29	-0°41'35"	1.00001839
PP19	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'23.88331"	-113°09'53.76639"	1043.317	-102.03	902022.97	319357.30	1145.47	-0°41'19"	1.00001611
PP20	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'01.40695"	-113°09'42.42932"	1045.052	-101.95	905804.30	320363.13	1147.13	-0°41'13"	1.00001515
PP21	SET 1/2" I.B. W/ 2" ALUM. CAP	33°29'27.92247"	-113°09'11.88899"	1044.993	-101.86	908453.56	322981.81	1146.97	-0°40'57"	1.00001288
PP22	SET 1/2" I.B. W/ 2" ALUM. CAP	33°28'45.16629"	-113°07'25.25924"	1024.298	-101.75	904025.53	331962.29	1126.17	-0°39'57"	1.00000621
PP23	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'54.55165"	-113°06'41.42593"	1018.182	-101.76	898866.55	335616.27	1120.07	-0°39'32"	1.00000344
PP24	SET 1/2" I.B. W/ 2" ALUM. CAP	33°27'34.94234"	-113°07'37.08133"	1007.907	-101.89	896939.05	330878.21	1109.92	-0°40'03"	1.00000791
PP25	SET 1/2" I.B. W/ 2" ALUM. CAP	33°26'49.34522"	-113°07'36.98863"	1001.181	-101.97	892330.08	330832.39	1103.27	-0°40'02"	1.00000827
PP26	SET 1/2" I.B. W/ 2" ALUM. CAP	33°26'08.07123"	-113°07'37.70411"	1000.449	-102.03	888158.89	330723.18	1102.61	-0°40'01"	1.00000839
PP27	SET 1/2" I.B. W/ 2" ALUM. CAP	33°25'34.52934"	-113°09'28.68582"	1011.191	-102.24	884879.42	321277.42	1113.56	-0°41'02"	1.00001597
PP28	SET 1/2" I.B. W/ 2" ALUM. CAP	33°24'48.88021"	-113°09'21.18551"	999.987	-102.27	880257.70	321858.14	1102.39	-0°40'57"	1.00001601
PP29	SET 1/2" I.B. W/ 2" ALUM. CAP	33°24'52.11480"	-113°06'26.20844"	1000.673	-102.01	880411.43	336694.26	1102.81	-0°39'21"	1.00000338
PP30	SET 1/2" I.B. W/ 2" ALUM. CAP	33°24'37.39111"	-113°07'08.08312"	984.396	-102.10	878964.02	333127.49	1086.62	-0°39'43"	1.00000713
PP31	SET 1/2" I.B. W/ 2" ALUM. CAP	33°23'26.53382"	-113°05'58.82657"	971.634	-102.07	871734.67	338916.98	1073.83	-0°39'04"	1.00000292

SURVEYORS CERTIFICATION

I, STONE E. WAHL AN ARIZONA REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT THE VALUES/COORDINATES SHOWN HEREON WERE DEVELOPED BY GPS OBSERVATIONS AND PROCESSED, ALL UNDER MY DIRECT SUPERVISION, AND ARE TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

STONE E. WAHL ARIZONA RLS #28237

NOTE: IF THIS DOCUMENT DOES NOT BEAR THE SIGNATURE OF THIS REGISTRANT THE DOCUMENT IS NOT VALID AND SHOULD BE USED WITH EXTREME CAUTION AND DISCRETION.

SECTION 2.3

NGS QC DIFFERENCES REPORT

SECTION 2.4

MCFCD HIS COORDINATE FORMAT

TYP_LID	HOR_LID	VER_LID	XNAD27	YNAD27	XNAD83	YNAD83	NGVD29	NAVD88	MNT_LID	PNTNUM	DESC
6	20	21	0.000	0.000	921415.2610	267974.2630	0.000	1319.67	32	PP1	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	924942.1330	267602.9290	0.000	1316.26	32	PP2	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	928231.7600	267583.2850	0.000	1328.61	32	PP3	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	922336.6550	274835.8670	0.000	1292.32	32	PP4	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	918585.0970	287099.5220	0.000	1268.40	32	PP5	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	915153.7380	282456.7270	0.000	1268.73	32	PP6	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	914251.6300	291010.0260	0.000	1244.80	32	PP7	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	906223.4200	291654.6510	0.000	1233.31	32	PP8	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	899075.6200	297314.2070	0.000	1202.58	32	PP9	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	905796.1030	301777.0140	0.000	1202.87	32	PP10	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	908315.6740	305314.1560	0.000	1194.34	32	PP11	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	911384.2470	308303.4220	0.000	1192.07	32	PP12	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	912365.2140	313586.5120	0.000	1178.54	32	PP13	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	899153.1810	306061.0620	0.000	1178.84	32	PP14	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	893772.9530	301217.5570	0.000	1183.13	32	PP15	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	889562.7220	317851.8270	0.000	1131.71	32	PP16	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	892934.0070	320395.7660	0.000	1130.74	32	PP17	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	898915.2590	316708.5820	0.000	1146.29	32	PP18	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	902022.9690	319357.2980	0.000	1145.47	32	PP19	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	905804.3030	320363.1340	0.000	1147.13	32	PP20	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	908453.5600	322981.8120	0.000	1146.97	32	PP21	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	904025.5340	331962.2860	0.000	1126.17	32	PP22	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	898866.5520	335616.2710	0.000	1120.07	32	PP23	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	896939.0510	330878.2090	0.000	1109.92	32	PP24	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	892330.0780	330832.3870	0.000	1103.27	32	PP25	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	888158.8850	330723.1820	0.000	1102.61	32	PP26	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	884879.4190	321277.4170	0.000	1113.56	32	PP27	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	880257.7030	321858.1360	0.000	1102.39	32	PP28	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	880411.4270	336694.2610	0.000	1102.81	32	PP29	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	878964.0160	333127.4930	0.000	1086.62	32	PP30	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	871734.6660	338916.9820	0.000	1073.83	32	PP31	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	873367.6070	337322.8910	0.000	1063.37	32	BP1	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	878187.9870	335862.6560	0.000	1076.42	32	BP2	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	882257.7060	327939.8150	0.000	1096.85	32	BP3	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	888113.6490	325218.7150	0.000	1109.64	32	BP4	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	896085.4280	325382.7760	0.000	1118.81	32	BP5	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	899889.6880	328186.7700	0.000	1118.08	32	BP6	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	896326.0540	314714.3050	0.000	1151.02	32	BP7	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	901585.5830	309762.5950	0.000	1172.25	32	BP8	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	901357.3000	322975.4300	0.000	1133.94	32	BP9	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	910836.3530	317713.0420	0.000	1164.15	32	BP10	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	904195.1660	312831.9320	0.000	1166.69	32	BP11	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	905637.1230	306428.6960	0.000	1188.31	32	BP12	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	896480.0670	304251.4690	0.000	1176.53	32	BP13	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	902045.9760	295774.3530	0.000	1210.63	32	BP14	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	911316.3270	300653.6740	0.000	1211.35	32	BP15	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	909806.7710	295282.0650	0.000	1225.01	32	BP16	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	913553.5420	286816.6320	0.000	1251.07	32	BP17	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	917661.3860	281158.3590	0.000	1268.99	32	BP18	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	924363.2560	273203.3420	0.000	1304.80	32	BP19	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	918131.8900	276854.8050	0.000	1287.77	32	BP20	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	922412.8970	279628.2630	0.000	1286.99	32	BP21	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	920207.9600	272734.6420	0.000	1300.14	32	BP22	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	908994.7120	290026.1720	0.000	1239.70	32	BP23	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	915038.4350	294813.6190	0.000	1237.20	32	BP24	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	903703.5800	302656.0420	0.000	1196.28	32	BP25	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	910160.3060	314659.7390	0.000	1169.36	32	BP26	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	906778.5090	317628.7230	0.000	1158.09	32	BP27	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	905855.7280	325432.9820	0.000	1135.84	32	BP28	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	890778.5000	328948.1450	0.000	1108.01	32	BP29	SET 1/2" I.B. W/ 2" ALUM. CAP
6	20	21	0.000	0.000	891099.6880	314928.0740	0.000	1141.70	32	BP30	SET 1/2" I.B. W/ 2" ALUM. CAP

SECTION 2.5

AIRBORN GPS REPORT

```
Project:      2022-3 ABGPS
Program:      GrafNav Version 8.20.0522
Profile:      ATEAM GDACS Airborne Camera Stations SPCS (copy)
Source:       Features/stations(GPS Combined)
ProcessInfo:  Run (1) by Unknown on 12/12/2011 at 11:53:40

Datum:        NAD83_CORS96, (processing datum)
Master 1:     Name 4BR1, Status ENABLED
              Antenna height 1.693 m, to L1-PC (TRM_R8, MeasDist 1.600 m to mark/ARP)
              Position 33 25 16.10743, -113 10 16.54708, 310.770 m (NAD83_CORS96, Ellipsoidal hgt)
Master 2:     Name 4DP1, Status ENABLED
              Antenna height 1.693 m, to L1-PC (TRM5800, MeasDist 1.600 m to mark/ARP)
              Position 33 30 03.76107, -113 04 33.78854, 338.169 m (NAD83_CORS96, Ellipsoidal hgt)
Master 3:     Name 4CU2, Status ENABLED
              Antenna height 1.693 m, to L1-PC (TRM5800, MeasDist 1.600 m to mark/ARP)
              Position 33 28 50.41071, -113 18 51.06560, 390.088 m (NAD83_CORS96, Ellipsoidal hgt)
Remote:       Antenna height 0.022 m, to L1-PC (SEN67157596, MeasDist 0.000 m to mark/ARP)
Vec. Offset:  x=0.000, y=0.000, z=1.123 m (x-fwd, y-left, z-up, CAM->ANT)
UTC Offset:   14 s
Geoid:        Geoid99-ContUS.wpg (Absolute correction)

Map projection Info:
  U.S. State Plane for AZ Central (202)

Column/Variable Contents, Units and Description:
  01: Station                                  Name given to station, GIS feature or camera mark
  02: Latitude     Degrees Minutes Sec (signed)  North/South Geographic coordinate
  03: Longitude    Degrees Minutes Sec (signed)  East/West Geographic coordinates
  04: Northing     Feet                        North (y) coordinate in US State Plane Projection
  05: Easting      Feet                        East (x) coordinate in US State Plane Projection
  06: H-MSL        Feet                        Height above the Geoid (mean sea level)
  07: GPSTime      Seconds of the Week         Time of epoch or feature--Receiver time frame
  08: Q                                        Quality factor where 1 is best and 6 is worse
  09: NS                                       Number of total satellites (GPS+GLONASS)
  10: AmbStatus                                Status of carrier phase ambiguties--Either 'Float' or 'Fixed'
  11: PDOP                                     Position Dilution of Precision,
  12: SunElv       Degrees Minutes Sec (signed)  Elevation of the sun above horizon (at position and time)
```

Station	Latitude	Longitude	Northing	Easting	H-MSL	GPSTime	Q	NS	AmbSt	PDOP	SunElv
	(+/-D M S)	(+/-D M S)	(ft)	(ft)	(ft)	(sec)				(dop)	(+/-D M S)
1	32 20 00.0481996	-110 57 34.86228	486320.4932	995578.7516	6603.06	67440.8980	1	6	Fixed	2.17	34 05 06.78509
2	32 20 04.0978201	-110 57 41.70427	486724.4977	994988.0642	6602.89	67443.1668	1	6	Fixed	2.17	34 05 06.47470
3	33 27 27.6248613	-113 06 22.61914	896126.5567	337178.3655	5224.04	69913.7663	1	9	Fixed	1.97	33 31 38.46297
4	33 27 37.1020883	-113 06 48.73258	897109.9046	334976.9538	5225.18	69921.4391	1	9	Fixed	1.97	33 31 29.18889
5	33 27 46.5215018	-113 07 14.72700	898087.4490	332785.6894	5229.55	69929.0877	1	9	Fixed	1.97	33 31 19.93687
6	33 27 55.9677374	-113 07 40.74511	899067.8834	330592.5815	5222.11	69936.7369	1	9	Fixed	1.97	33 31 10.62285
7	33 28 05.3468146	-113 08 06.55638	900041.4798	328417.0470	5221.73	69944.3195	1	9	Fixed	1.97	33 31 01.34014
8	33 28 14.7472508	-113 08 32.54517	901017.5659	326226.6298	5223.01	69951.9539	1	9	Fixed	1.97	33 30 52.00188
9	33 28 24.0258900	-113 08 58.30153	901981.2627	324055.8851	5223.43	69959.5190	1	9	Fixed	1.97	33 30 42.75035
10	33 28 33.3533844	-113 09 24.21238	902950.2067	321872.2421	5225.53	69967.1309	1	9	Fixed	1.97	33 30 33.41548
11	33 28 42.7040890	-113 09 50.23372	903921.7638	319679.3963	5224.84	69974.7798	1	9	Fixed	1.97	33 30 24.02236
12	33 28 52.1390258	-113 10 16.28071	904902.0172	317484.6112	5222.42	69982.4290	1	9	Fixed	1.97	33 30 14.50993
13	33 29 01.5248745	-113 10 42.02973	905877.1584	315315.1353	5221.97	69989.9867	1	9	Fixed	1.97	33 30 05.01309
14	33 29 10.8494041	-113 11 07.82483	906846.3018	313141.8098	5222.35	69997.5439	1	9	Fixed	1.97	33 29 55.54343
15	33 29 20.2359328	-113 11 33.94259	907822.2014	310941.3617	5226.97	70005.1920	1	9	Fixed	1.97	33 29 45.97525
16	33 29 29.4896208	-113 11 59.77406	908784.5308	308765.1260	5225.24	70012.7500	1	9	Fixed	1.97	33 29 36.50774
17	33 29 38.7979934	-113 12 25.59724	909752.5327	306589.7886	5223.29	70020.3070	1	9	Fixed	1.97	33 29 26.95142
18	33 29 48.2354995	-113 12 51.74520	910734.0850	304387.2378	5224.46	70027.9556	1	9	Fixed	1.97	33 29 17.22825
19	33 29 57.5937428	-113 13 17.60123	911707.4721	302209.4406	5225.44	70035.5132	1	9	Fixed	1.98	33 29 07.55349
20	33 30 06.9323914	-113 13 43.50209	912679.0807	300027.9517	5222.85	70043.0707	1	9	Fixed	1.97	33 28 57.86439
21	33 30 16.2679158	-113 14 09.40245	913650.5276	297846.6295	5221.95	70050.6275	1	9	Fixed	1.97	33 28 48.14442
22	33 30 25.6206965	-113 14 35.30339	914623.8741	295665.4105	5217.10	70058.1851	1	9	Fixed	1.97	33 28 38.37309
23	33 30 34.9747052	-113 15 01.19991	915597.4946	293484.6969	5219.10	70065.7417	1	9	Fixed	1.97	33 28 28.56654
24	33 30 44.2653897	-113 15 27.08646	916564.8579	291304.8734	5221.24	70073.2984	1	9	Fixed	1.97	33 28 18.78923
25	33 30 53.6839235	-113 15 53.25920	917545.6138	289101.1158	5221.24	70080.9468	1	9	Fixed	1.97	33 28 08.84334
26	33 31 02.9973308	-113 16 19.10481	918515.5396	286925.0472	5223.42	70088.5046	1	9	Fixed	1.97	33 27 58.97445
27	33 31 12.2717083	-113 16 44.89162	919481.6088	284754.0345	5226.67	70096.0617	1	9	Fixed	1.97	33 27 49.11021
28	33 31 21.6236047	-113 17 11.00745	920456.0350	282555.3976	5220.79	70103.7096	1	9	Fixed	1.97	33 27 39.12679
29	33 31 30.8924484	-113 17 36.83368	921421.8979	280381.2966	5220.94	70111.2671	1	9	Fixed	1.97	33 27 29.19974
30	33 31 40.2714634	-113 18 02.98844	922399.4223	278179.6603	5221.64	70118.9155	1	9	Fixed	1.97	33 27 19.12007
31	33 31 49.5540027	-113 18 28.83396	923367.0014	276004.2030	5222.19	70126.4721	1	9	Fixed	1.97	33 27 09.11108
32	33 31 58.8668273	-113 18 54.68570	924337.8030	273828.3885	5219.10	70134.0291	1	9	Fixed	1.97	33 26 59.03781
33	33 32 08.1945902	-113 19 20.55120	925310.2847	271651.5583	5218.44	70141.5856	1	9	Fixed	1.97	33 26 48.91577
34	33 32 17.6666786	-113 19 46.71587	926297.8548	269449.7312	5218.34	70149.2285	1	9	Fixed	1.97	33 26 38.60578
35	33 32 27.0195398	-113 20 12.57226	927273.1737	267273.9668	5218.53	70156.7789	1	9	Fixed	1.97	33 26 28.39110
36	33 32 36.3676001	-113 20 38.44178	928248.1770	265097.2139	5215.51	70164.3306	1	9	Fixed	1.97	33 26 18.14726
37	33 32 00.4033640	-113 20 56.62462	924634.0242	263507.9212	5245.99	70380.4850	1	8	Fixed	2.68	33 25 57.46796
38	33 31 51.0602077	-113 20 30.60761	923659.2434	265697.3793	5247.90	70388.8542	1	8	Fixed	2.67	33 26 03.01133
39	33 31 41.7649773	-113 20 04.87752	922689.7954	267862.7420	5247.04	70397.1329	1	8	Fixed	2.67	33 26 08.44696
40	33 31 32.3130866	-113 19 38.88565	921704.3632	270050.1800	5245.41	70405.5031	1	8	Fixed	2.67	33 26 13.89499
41	33 31 22.9011768	-113 19 12.90821	920723.1449	272236.5829	5246.03	70413.8719	1	8	Fixed	2.66	33 26 19.20134
42	33 31 13.6133175	-113 18 46.86823	919754.5504	274428.5801	5247.80	70422.2412	1	8	Fixed	2.66	33 26 24.27903
43	33 31 04.3519398	-113 18 20.85365	918788.8180	276618.5918	5254.67	70430.6099	1	8	Fixed	2.66	33 26 29.22852
44	33 30 55.0562514	-113 17 54.93870	917819.8859	278800.2502	5255.35	70438.9797	1	8	Fixed	2.65	33 26 34.11194
45	33 30 45.6910460	-113 17 29.02808	916844.0867	280981.5772	5248.75	70447.3490	1	8	Fixed	2.65	33 26 38.96258
46	33 30 36.3252607	-113 17 03.11804	915868.3844	283162.9846	5245.98	70455.7175	1	8	Fixed	2.65	33 26 43.71154
47	33 30 27.0519635	-113 16 37.49932	914902.5093	285319.9754	5248.03	70463.9951	1	8	Fixed	2.65	33 26 48.31747

48	33 30 17.5974454	-113 16 11.28505	913917.8099	287527.2854	5249.17	70472.4553	1	8	Fixed	2.64	33 26 52.89698
49	33 30 08.2428206	-113 15 45.31733	912943.6371	289713.9809	5247.95	70480.8243	1	8	Fixed	2.64	33 26 57.32471
50	33 29 59.0193993	-113 15 19.60496	911983.1609	291879.3528	5248.73	70489.1023	1	8	Fixed	2.63	33 27 01.57286
51	33 29 49.6938189	-113 14 53.62220	911012.2170	294067.6174	5249.07	70497.4705	1	8	Fixed	2.63	33 27 05.76706
52	33 29 40.3442470	-113 14 27.66831	910039.0349	296253.5351	5247.97	70505.8387	1	8	Fixed	2.63	33 27 09.88343
53	33 29 30.9742493	-113 14 01.75842	909063.9907	298435.8303	5251.40	70514.2069	1	8	Fixed	2.63	33 27 13.91902
54	33 29 21.6142988	-113 13 35.83744	908090.1050	300619.2075	5252.47	70522.5757	1	8	Fixed	2.62	33 27 17.84115
55	33 29 12.2193156	-113 13 09.91799	907112.8347	302802.5405	5252.03	70530.9446	1	8	Fixed	2.62	33 27 21.69555
56	33 29 02.8442718	-113 12 43.97856	906137.7135	304987.7209	5250.92	70539.3134	1	8	Fixed	2.62	33 27 25.42658
57	33 28 53.4627558	-113 12 18.02212	905162.0753	307174.4631	5251.98	70547.6816	1	8	Fixed	2.61	33 27 29.06097
58	33 28 44.0567689	-113 11 52.00094	904184.0512	309366.7898	5245.14	70556.0505	1	8	Fixed	2.61	33 27 32.61413
59	33 28 34.8119082	-113 11 26.21978	903222.7191	311539.1147	5250.74	70564.3275	1	8	Fixed	2.60	33 27 35.96742
60	33 28 25.4470042	-113 11 00.21515	902249.1752	313730.3498	5252.98	70572.6961	1	8	Fixed	2.60	33 27 39.27565
61	33 28 16.1188540	-113 10 34.53201	901279.8324	315894.5254	5254.78	70580.9735	1	8	Fixed	2.59	33 27 42.51334
62	33 28 06.7065411	-113 10 08.52865	900301.8073	318085.8543	5255.01	70589.3421	1	8	Fixed	2.59	33 27 45.66423
63	33 27 57.2319553	-113 09 42.49785	899317.6157	320279.5625	5249.64	70597.7109	1	8	Fixed	2.58	33 27 48.77317
64	33 27 47.8706226	-113 09 16.69668	898345.2593	322454.0852	5249.81	70605.9900	1	8	Fixed	2.58	33 27 51.73361
65	33 27 38.4891442	-113 08 50.89558	897371.0200	324628.7069	5255.72	70614.2716	1	8	Fixed	2.58	33 27 54.61169
66	33 27 29.0576397	-113 08 24.67090	896391.4547	326839.2859	5257.40	70622.6744	1	8	Fixed	2.57	33 27 57.33955
67	33 27 19.8228236	-113 07 59.01868	895432.4964	329001.7269	5253.10	70630.8831	1	8	Fixed	2.57	33 27 59.92372
68	33 27 10.4637942	-113 07 33.10185	894460.8734	331186.5687	5253.06	70639.1743	1	8	Fixed	2.57	33 28 02.46412
69	33 27 01.0715737	-113 07 07.23420	893486.0983	333367.3342	5252.02	70647.4519	1	8	Fixed	2.56	33 28 04.94805
70	33 26 51.7335601	-113 06 41.22004	892516.8135	335560.7066	5256.25	70655.7563	1	8	Fixed	2.56	33 28 07.25115
71	33 28 04.0189355	-113 06 05.82155	899788.9400	338643.4858	5111.79	70857.3755	1	8	Fixed	2.45	33 24 10.57097
72	33 28 13.4635777	-113 06 31.80816	900768.7764	336452.9988	5112.38	70865.0389	1	8	Fixed	2.44	33 23 55.74096
73	33 28 22.8941730	-113 06 57.70182	901747.2574	334270.5001	5113.74	70872.6798	1	8	Fixed	2.44	33 23 40.90548
74	33 28 32.3009469	-113 07 23.62404	902723.5129	332085.6851	5113.23	70880.3206	1	8	Fixed	2.43	33 23 26.06141
75	33 28 41.6679253	-113 07 49.47522	903695.8304	329906.9699	5115.27	70887.9344	1	8	Fixed	2.43	33 23 11.24361
76	33 28 51.0431540	-113 08 15.25753	904669.0671	327734.2285	5117.75	70895.5440	1	8	Fixed	2.42	33 22 56.38330
77	33 29 00.4058541	-113 08 41.07292	905641.2235	325558.7989	5116.99	70903.1605	1	8	Fixed	2.42	33 22 41.49709
78	33 29 09.8399554	-113 09 07.19333	906621.0580	323357.7507	5111.33	70910.8521	1	8	Fixed	2.41	33 22 26.45361
79	33 29 19.2074532	-113 09 33.01602	907594.0155	321181.9688	5108.38	70918.4437	1	8	Fixed	2.41	33 22 11.51860
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82	33 29 47.2353492	-113 10 50.74810	910506.5418	314632.9479	5115.52	70941.2748	1	8	Fixed	2.40	33 21 26.54818
83	33 29 56.6286653	-113 11 16.75161	911482.9126	312442.4027	5113.15	70948.9154	1	8	Fixed	2.39	33 21 11.41641
84	33 30 05.9185671	-113 11 42.46020	912448.6784	310276.8335	5112.24	70956.4649	1	8	Fixed	2.39	33 20 56.42403
85	33 30 15.2810251	-113 12 08.49158	913422.2692	308084.1490	5110.94	70964.1061	1	8	Fixed	2.38	33 20 41.25651
86	33 30 24.7034491	-113 12 34.48724	914402.0398	305894.6955	5111.83	70971.7465	1	8	Fixed	2.38	33 20 25.99367
87	33 30 34.0447653	-113 13 00.52866	915373.8163	303701.3954	5114.67	70979.3867	1	8	Fixed	2.37	33 20 10.78088
88	33 30 00.4892531	-113 17 22.30218	912267.4711	281490.6326	5163.51	71216.5116	1	8	Fixed	2.23	33 16 40.12763
89	33 29 51.0997725	-113 16 56.30395	911289.3225	283679.8149	5162.41	71224.7884	1	8	Fixed	2.22	33 16 37.21432
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91	33 29 32.4762033	-113 16 04.64002	909349.5667	288030.6111	5173.21	71241.2505	1	8	Fixed	2.21	33 16 31.07235
92	33 29 23.1908122	-113 15 38.66962	908382.4357	290217.9616	5169.62	71249.5267	1	8	Fixed	2.21	33 16 27.75717
93	33 29 13.9048225	-113 15 12.68796	907415.3874	292406.3932	5169.21	71257.8038	1	8	Fixed	2.20	33 16 24.33948
94	33 29 04.6414580	-113 14 47.03281	906451.1358	294567.3278	5167.30	71265.9890	1	8	Fixed	2.20	33 16 20.94400
95	33 28 55.1456766	-113 14 20.80362	905462.9239	296776.7130	5166.70	71274.3559	1	8	Fixed	2.19	33 16 17.39744
96	33 28 45.8816840	-113 13 55.08865	904498.8515	298942.9707	5164.88	71282.5421	1	8	Fixed	2.19	33 16 13.79672
97	33 28 36.4819101	-113 13 29.11430	903520.9299	301131.1549	5163.29	71290.8183	1	8	Fixed	2.18	33 16 10.09176

98	33 28 27.0899466	-113 13 03.14473	902543.9584	303319.0733	5163.73	71299.0942	1	8	Fixed	2.17	33 16 06.27919
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101	33 27 59.0250199	-113 11 45.40846	899625.3722	309869.1417	5158.14	71323.8355	1	8	Fixed	2.16	33 15 54.25816
102	33 27 49.7346766	-113 11 19.63755	898659.4989	312040.8762	5167.17	71332.0213	1	8	Fixed	2.16	33 15 50.08263
103	33 27 40.3600669	-113 10 53.59418	897684.9800	314235.7181	5165.38	71340.2992	1	8	Fixed	2.15	33 15 45.74122
104	33 27 30.8895241	-113 10 27.53162	896700.9007	316432.1988	5159.87	71348.5769	1	8	Fixed	2.15	33 15 41.39285
105	33 27 21.5628427	-113 10 01.71670	895731.7717	318608.0048	5162.30	71356.7627	1	8	Fixed	2.14	33 15 36.95099
106	33 27 12.2572134	-113 09 35.88151	894764.9034	320785.6821	5161.24	71364.9491	1	7	Fixed	2.14	33 15 32.38666
107	33 27 02.9270081	-113 09 10.12397	893795.7830	322956.8787	5169.08	71373.1353	1	7	Fixed	2.33	33 15 27.75550
108	33 26 53.4824794	-113 08 44.16137	892815.0542	325145.4431	5168.15	71381.4121	1	7	Fixed	2.32	33 15 22.99143
109	33 26 44.0255409	-113 08 18.10134	891833.1291	327342.3788	5166.20	71389.7266	1	7	Fixed	2.32	33 15 18.07553
110	33 26 34.6797237	-113 07 52.32075	890862.8689	329515.8990	5167.37	71397.9627	1	7	Fixed	2.32	33 15 13.08718
111	33 26 25.4164317	-113 07 26.53102	889901.0942	331690.4183	5167.92	71406.1940	1	7	Fixed	2.31	33 15 07.92333
112	33 26 16.0266520	-113 07 00.44973	888926.4021	333889.6257	5166.03	71414.5172	1	7	Fixed	2.31	33 15 02.62290
113	33 25 40.3093189	-113 07 19.70408	885335.0449	332216.0816	5167.23	71612.0007	1	7	Fixed	2.83	33 10 32.72844
114	33 25 49.6384185	-113 07 45.40909	886303.3409	330048.4850	5165.28	71619.5374	2	7	Fixed	2.83	33 10 13.83368
115	33 25 59.0618834	-113 08 11.28991	887281.5019	327866.2288	5164.92	71627.1275	2	7	Fixed	2.82	33 09 54.74359
116	33 26 08.3343106	-113 08 37.11139	888244.4912	325688.9519	5165.42	71634.6829	1	7	Fixed	2.82	33 09 35.82185
117	33 26 17.7243898	-113 09 02.99110	889219.5844	323507.0091	5164.60	71642.2619	1	7	Fixed	2.82	33 09 16.71828
118	33 26 27.1216436	-113 09 29.12816	890195.8175	321303.3964	5164.62	71649.9038	1	7	Fixed	2.81	33 08 57.49791
119	33 26 36.3550957	-113 09 54.98036	891155.3609	319123.8551	5162.91	71657.4537	1	7	Fixed	2.81	33 08 38.53016
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121	33 26 55.0672792	-113 10 46.90856	893099.9323	314746.4910	5160.70	71672.6457	1	7	Fixed	2.80	33 08 00.12366
122	33 27 04.2856932	-113 11 12.71485	894058.3710	312571.2053	5163.92	71680.1953	1	6	Fixed	2.84	33 07 41.06896
123	33 27 13.8031655	-113 11 38.78327	895047.4646	310374.2086	5164.10	71687.8363	1	6	Fixed	2.84	33 07 21.55925
124	33 27 23.1864016	-113 12 04.56736	896022.8484	308201.2666	5166.58	71695.3863	1	7	Fixed	2.79	33 07 02.27332
125	33 27 32.5481061	-113 12 30.35555	896996.2132	306028.0788	5170.77	71702.9361	1	7	Fixed	2.79	33 06 42.97723
126	33 27 41.9138211	-113 12 56.19022	897970.1859	303851.0876	5171.49	71710.4860	1	7	Fixed	2.78	33 06 23.65015
127	33 27 51.2408277	-113 13 22.12623	898940.5076	301665.5911	5170.18	71718.0360	1	7	Fixed	2.77	33 06 04.34069
128	33 28 00.6316156	-113 13 48.11575	899917.4886	299475.7720	5168.47	71725.5869	1	6	Fixed	2.83	33 05 44.94082
129	33 28 10.1108142	-113 14 14.13080	900903.5894	297284.0343	5166.64	71733.1366	1	6	Fixed	2.83	33 05 25.42623
130	33 28 19.4118163	-113 14 39.91096	901871.5796	295112.0952	5166.61	71740.5959	1	7	Fixed	2.77	33 05 06.18687
131	33 28 28.7555294	-113 15 05.70396	902844.0542	292939.2526	5167.05	71748.0555	1	7	Fixed	2.76	33 04 46.87522
132	33 28 38.1505857	-113 15 31.85607	903822.2651	290736.1867	5168.97	71755.6052	1	6	Fixed	2.82	33 04 27.36490
133	33 28 47.4416108	-113 15 57.68557	904789.7630	288560.4417	5166.62	71763.0640	1	6	Fixed	2.82	33 04 08.04841
134	33 27 47.0551074	-113 15 08.59716	898632.1046	292639.9684	5169.55	71989.1032	1	7	Fixed	2.64	32 57 57.07823
135	33 27 37.6703565	-113 14 42.75244	897655.4153	294817.4279	5168.17	71997.3794	1	7	Fixed	2.64	32 57 46.39515
136	33 27 28.3551285	-113 14 16.64920	896685.6288	297017.0094	5173.04	72005.7473	1	7	Fixed	2.63	32 57 35.32470
137	33 27 19.1215499	-113 13 50.94976	895724.6851	299182.6111	5171.44	72014.0229	1	7	Fixed	2.63	32 57 24.31249
138	33 27 09.7829104	-113 13 25.00837	894753.0162	301368.7068	5170.18	72022.3902	1	7	Fixed	2.63	32 57 13.08547
139	33 27 00.5057137	-113 12 59.06560	893787.7114	303555.1267	5170.28	72030.7572	1	7	Fixed	2.62	32 57 01.69673
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141	33 26 41.6824351	-113 12 07.19446	891830.4031	307926.7952	5172.17	72047.5814	1	7	Fixed	2.61	32 56 38.69556
142	33 26 32.3546523	-113 11 41.39411	890860.5984	310101.4710	5170.86	72055.9483	1	7	Fixed	2.61	32 56 27.07072
143	33 26 22.8756134	-113 11 15.26586	889875.3184	312303.8752	5169.21	72064.4061	1	7	Fixed	2.60	32 56 15.25884
144	33 26 13.6189598	-113 10 49.63681	888913.1883	314464.3797	5168.90	72072.6814	1	7	Fixed	2.60	32 56 03.57502
145	33 26 04.2272913	-113 10 23.70061	887937.2477	316650.8759	5168.15	72081.0476	1	7	Fixed	2.60	32 55 51.69128
146	33 25 54.8079264	-113 09 57.72331	886958.6205	318840.9523	5169.28	72089.4144	1	7	Fixed	2.59	32 55 39.72608
147	33 25 45.3377837	-113 09 31.72053	885974.9904	321033.2569	5171.16	72097.7812	1	7	Fixed	2.59	32 55 27.70569

148	33 25 35.8978863	-113 09 05.96211	884994.8189	323205.0194	5170.30	72106.0564	1	7	Fixed	2.58	32 55 15.78341
149	33 25 26.5590669	-113 08 40.25975	884025.0730	325372.2801	5170.01	72114.2771	1	7	Fixed	2.58	32 55 03.78688
150	33 25 17.1836510	-113 08 14.29167	883051.5157	327562.1485	5170.54	72122.5618	1	7	Fixed	2.57	32 54 51.55234
151	33 25 07.7865011	-113 07 48.34245	882075.9353	329750.5223	5171.08	72130.8272	1	7	Fixed	2.57	32 54 39.28358
152	33 24 58.3222312	-113 07 22.40468	881093.7367	331937.9770	5173.72	72139.0851	1	7	Fixed	2.56	32 54 26.99935
153	33 24 48.9778363	-113 06 56.39010	880123.7345	334132.2131	5170.45	72147.3209	1	7	Fixed	2.56	32 54 14.53459
154	33 24 39.7711959	-113 06 30.78143	879168.2059	336292.3296	5169.84	72155.4140	1	7	Fixed	2.56	32 54 02.20686
155	33 24 30.4127847	-113 06 04.84195	878197.1683	338480.4415	5173.12	72163.6156	1	7	Fixed	2.55	32 53 49.64584
156	33 24 21.0372538	-113 05 38.94479	877224.5955	340665.0751	5174.44	72171.7988	1	7	Fixed	2.55	32 53 37.05037
157	33 24 11.6673952	-113 05 13.02264	876252.7263	342851.9636	5172.70	72179.9701	1	7	Fixed	2.54	32 53 24.37437
158	33 23 36.1829616	-113 05 32.66638	872684.8395	341146.1039	5228.71	72361.3103	1	7	Fixed	2.45	32 47 04.32355
159	33 23 45.5534656	-113 05 58.65119	873656.9451	338953.7009	5232.68	72368.9415	1	7	Fixed	2.44	32 46 40.99536
160	33 23 54.9111052	-113 06 24.49571	874627.7696	336773.3069	5230.21	72376.5348	1	7	Fixed	2.44	32 46 17.71651
161	33 24 04.2712935	-113 06 50.28016	875598.9467	334598.1374	5228.71	72384.1105	1	7	Fixed	2.43	32 45 54.43625
162	33 24 13.6871613	-113 07 16.30464	876576.1401	332402.8130	5226.46	72391.7492	1	7	Fixed	2.43	32 45 30.95664
163	33 24 23.1400979	-113 07 42.31947	877557.2266	330208.4805	5223.93	72399.3874	1	7	Fixed	2.43	32 45 07.40850
164	33 24 32.5106150	-113 08 08.26643	878530.0706	328019.9361	5227.50	72407.0047	1	7	Fixed	2.42	32 44 43.94900
165	33 24 41.7910939	-113 08 33.98033	879493.7356	325851.1695	5226.21	72414.5493	1	7	Fixed	2.42	32 44 20.68519
166	33 24 51.2197957	-113 08 59.97983	880472.8219	323658.4989	5224.32	72422.1757	1	7	Fixed	2.42	32 43 57.09196
167	33 25 00.4803047	-113 09 25.62833	881434.7082	321495.5089	5228.08	72429.6993	1	7	Fixed	2.41	32 43 33.82607
168	33 25 09.9344332	-113 09 51.59920	882416.6444	319305.5550	5225.35	72437.3280	1	7	Fixed	2.41	32 43 10.13460
169	33 25 19.1516533	-113 10 17.36213	883374.5767	317133.0691	5225.17	72444.8752	1	7	Fixed	2.40	32 42 46.80969
170	33 25 22.2631683	-113 13 11.34326	883870.4313	302390.3306	5222.25	72496.7147	1	7	Fixed	2.38	32 41 04.26537

Errors/warnings:
W102: Number of numerical digits larger than allowed width (170 occurances)

Processing Summary Information:

Solution Type: Combined

Number of Epochs:
- Total in GPB file: 108212
- No processed position: 97390
- Missing Fwd or Rev: 6
- With bad C/A code: 0
- With bad L1 Phase: 0

Measurement RMS Values:
- L1 Phase: 0.0223 (m)
- C/A Code: 0.86 (m)
- L1 Doppler: 0.032 (m/s)

Fwd/Rev Separation RMS Values:

```
      East:        0.377 (m)
      North:       0.124 (m)
      Height:      0.291 (m)

Fwd/Rev Sep. RMS for dual FWD/REV fixes (10816 occurances):
      East:        0.377 (m)
      North:       0.124 (m)
      Height:      0.291 (m)

Quality Number Percentages:
      Q 1:  87.9 %
      Q 2:   8.0 %
      Q 3:   2.2 %
      Q 4:   1.7 %
      Q 5:   0.2 %
      Q 6:   0.0 %

Position Standard Deviation Percentages:
      0.00 - 0.10 m:    58.8 %
      0.10 - 0.30 m:    41.1 %
      0.30 - 1.00 m:     0.0 %
      1.00 - 5.00 m:     0.2 %
      5.00 m + over:     0.0 %

Percentages of epochs with DD_DOP over 10.00:
      DOP over Tol:     0.3 %

Baseline Distances:
      Maximum:          312.551 (km)
      Minimum:          1.285 (km)
      Average:          144.094 (km)
      First Epoch:      311.451 (km)
      Last Epoch:       305.947 (km)
```

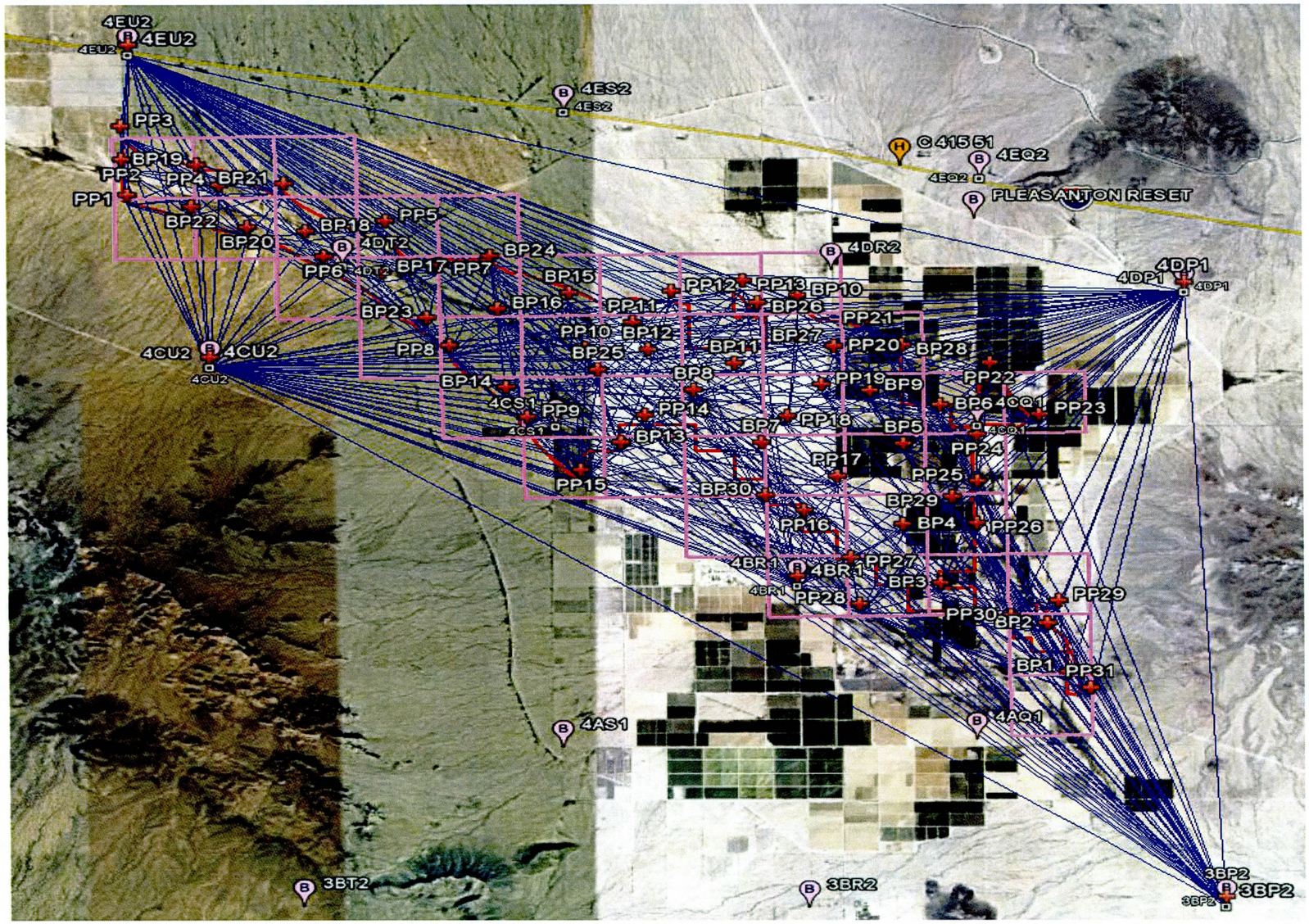
SECTION 3

TBC REPORTS

SECTION 3.1

MAP OF STATIC VECTORS

2022-3 NETWORK MAP



SECTION 3.2

OCCUPATION SPREADSHEET

2022-3 CENTENNIAL OCCUPATION SPREADSHEET

Point ID	Julian Day	Start Time	End Time	Duration	Field Method	File Name	Ant. Height (m)	Ant. Method	Ant. Manufacturer	Ant. Type
4BR1	339	12/5/2011 7:36	12/5/2011 9:28	1:52:15	Static	60833390#0#1.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
4EU2	339	12/5/2011 7:39	12/5/2011 17:00	9:21:30	Static	60813390#0#2.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
4CU2	339	12/5/2011 7:54	12/5/2011 16:53	8:59:30	Static	76623390#0#2.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
3BP2	339	12/5/2011 7:56	12/5/2011 17:21	9:24:30	Static	56783390#0#8.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
4DP1	339	12/5/2011 8:03	12/5/2011 17:25	9:21:30	Static	60823390#0#1.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
PP25	339	12/5/2011 8:45	12/5/2011 11:00	2:15:00	Static	97823390.dat	2.000	Bottom of antenna mount	Trimble	4800 Internal
PP31	339	12/5/2011 9:02	12/5/2011 11:20	2:17:30	Static	60763390#0#2.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
BP3	339	12/5/2011 9:14	12/5/2011 11:14	2:00:15	Static	89553390.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP29	339	12/5/2011 9:20	12/5/2011 10:49	1:29:00	Static	07723390.dat	2.000	Bottom of antenna mount	Trimble	4800 Internal
PP29	339	12/5/2011 9:32	12/5/2011 11:07	1:34:30	Static	89573390.t01	2.000	Bottom of antenna mount	Trimble	Zephyr
BP1	339	12/5/2011 9:40	12/5/2011 11:13	1:33:30	Static	83413391.dat	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP4	339	12/5/2011 9:48	12/5/2011 11:05	1:17:15	Static	89543390.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP28	339	12/5/2011 10:06	12/5/2011 11:22	1:15:30	Static	80973390.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP2	339	12/5/2011 10:12	12/5/2011 11:05	0:52:15	Static	12413390.dat	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP26	339	12/5/2011 10:24	12/5/2011 11:11	0:47:00	Static	03193390.dat	2.000	Bottom of antenna mount	Trimble	Zephyr
PP30	339	12/5/2011 10:44	12/5/2011 11:06	0:21:30	Static	87773390.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP21	339	12/5/2011 11:57	12/5/2011 16:35	4:37:30	Static	89543391.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP19	339	12/5/2011 12:02	12/5/2011 14:19	2:17:30	Static	80973391.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP24	339	12/5/2011 12:13	12/5/2011 14:11	1:58:00	Static	60763391#0#3.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
BP9	339	12/5/2011 12:41	12/5/2011 14:08	1:27:00	Static	89553391.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP6	339	12/5/2011 12:42	12/5/2011 14:05	1:23:15	Static	12413391.dat	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP20	339	12/5/2011 12:50	12/5/2011 14:11	1:21:30	Static	07723391.dat	2.000	Bottom of antenna mount	Trimble	4800 Internal
PP22	339	12/5/2011 12:59	12/5/2011 14:00	1:01:45	Static	03193391.dat	2.000	Bottom of antenna mount	Trimble	Zephyr
BP5	339	12/5/2011 13:15	12/5/2011 14:00	0:44:45	Static	83413392.dat	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP28	339	12/5/2011 13:24	12/5/2011 14:00	0:36:00	Static	87773391.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP25	339	12/5/2011 13:41	12/5/2011 13:59	0:18:15	Static	97823391.dat	2.000	Bottom of antenna mount	Trimble	4800 Internal
PP23	339	12/5/2011 14:17	12/5/2011 15:28	1:11:30	Static	89573391.t01	2.000	Bottom of antenna mount	Trimble	Zephyr
BP27	339	12/5/2011 14:29	12/5/2011 16:27	1:57:30	Static	07723392.dat	2.000	Bottom of antenna mount	Trimble	4800 Internal
BP8	339	12/5/2011 14:44	12/5/2011 16:34	1:50:00	Static	60763392#0#4.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
BP10	339	12/5/2011 14:54	12/5/2011 16:21	1:27:30	Static	98753392#0#7.R	2.000	Bottom of antenna mount	Trimble	4800 Internal
BP12	339	12/5/2011 15:09	12/5/2011 16:44	1:35:45	Static	12413392.dat	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP11	339	12/5/2011 15:39	12/5/2011 16:21	0:42:15	Static	83413393.dat	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP11	339	12/5/2011 15:58	12/5/2011 16:21	0:23:00	Static	89553392.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP18	339	12/5/2011 16:02	12/5/2011 16:21	0:19:45	Static	89573392.t01	2.000	Bottom of antenna mount	Trimble	Zephyr
4DP1	341	12/7/2011 6:12	12/7/2011 14:31	8:19:00	Static	60813410#0#3.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
4EU2	341	12/7/2011 6:46	12/7/2011 15:03	8:17:00	Static	60823410#0#2.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
3BP2	341	12/7/2011 6:56	12/7/2011 15:40	8:44:00	Static	60763410#0#5.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
4BR1	341	12/7/2011 6:57	12/7/2011 14:59	8:01:45	Static	56783410#0#7.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
PP28	341	12/7/2011 7:21	12/7/2011 9:49	2:28:00	Static	60833410#0#3.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
BP7	341	12/7/2011 7:26	12/7/2011 9:47	2:20:45	Static	98753411#0#1.R	2.000	Bottom of antenna mount	Trimble	4800 Internal
BP30	341	12/7/2011 7:59	12/7/2011 9:37	1:38:15	Static	80973410.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
4CU2	341	12/7/2011 8:03	12/7/2011 15:00	6:56:45	Static	76623410#0#0.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
PP27	341	12/7/2011 8:08	12/7/2011 9:40	1:32:15	Static	03193410.dat	2.000	Bottom of antenna mount	Trimble	Zephyr
PP16	341	12/7/2011 8:24	12/7/2011 9:30	1:06:00	Static	89543410.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP8	341	12/7/2011 8:32	12/7/2011 9:35	1:03:00	Static	89553410.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP17	341	12/7/2011 8:45	12/7/2011 9:30	0:45:00	Static	89573410.t01	2.000	Bottom of antenna mount	Trimble	Zephyr
PP15	341	12/7/2011 8:58	12/7/2011 14:22	5:23:15	Static	31823410#0#1.R	2.100	Bottom of antenna mount	Trimble	4800 Internal
PP14	341	12/7/2011 9:10	12/7/2011 9:30	0:19:30	Static	83413410.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP14	341	12/7/2011 10:07	12/7/2011 12:47	2:40:00	Static	98753413#0#3.R	2.000	Bottom of antenna mount	Trimble	4800 Internal
PP8	341	12/7/2011 10:12	12/7/2011 14:44	4:31:15	Static	89553411.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP10	341	12/7/2011 10:28	12/7/2011 12:39	2:10:15	Static	80973411.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP13	341	12/7/2011 10:40	12/7/2011 14:09	3:29:00	Static	60833411#0#2.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
BP15	341	12/7/2011 10:48	12/7/2011 12:31	1:42:45	Static	89543411.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP16	341	12/7/2011 10:58	12/7/2011 14:26	3:28:00	Static	83413411.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP24	341	12/7/2011 11:28	12/7/2011 12:31	1:03:00	Static	12413410.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal

2022-3 CENTENNIAL OCCUPATION SPREADSHEET

Point ID	Julian Day	Start Time	End Time	Duration	Field Method	File Name	Ant. Height (m)	Ant. Method	Ant. Manufacturer	Ant. Type
BP25	341	12/7/2011 11:31	12/7/2011 14:41	3:10:15	Static	89573411.t01	2.000	Bottom of antenna mount	Trimble	Zephyr
PP9	341	12/7/2011 12:11	12/7/2011 13:55	1:44:15	Static	03193411.dat	2.000	Bottom of antenna mount	Trimble	Zephyr
BP26	341	12/7/2011 13:18	12/7/2011 14:04	0:46:45	Static	89543412.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP12	341	12/7/2011 13:21	12/7/2011 13:55	0:33:45	Static	12413411.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP13	341	12/7/2011 13:35	12/7/2011 13:55	0:19:15	Static	80973412.t01	2.100	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
4CU2	343	12/9/2011 7:49	12/9/2011 13:18	5:29:00	Static	60763430#0#0.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
4EU2	343	12/9/2011 8:23	12/9/2011 13:00	4:36:30	Static	60813430#0#0.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
PP4	343	12/9/2011 8:34	12/9/2011 10:51	2:16:15	Static	03193430.dat	2.000	Bottom of antenna mount	Trimble	Zephyr
BP20	343	12/9/2011 8:35	12/9/2011 13:29	4:54:15	Static	76623430#0#1.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
PP3	343	12/9/2011 9:08	12/9/2011 12:36	3:27:45	Static	89553431.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP22	343	12/9/2011 9:12	12/9/2011 11:03	1:51:30	Static	83413431.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP19	343	12/9/2011 9:21	12/9/2011 10:44	1:23:00	Static	89573430.t01	2.000	Bottom of antenna mount	Trimble	Zephyr
BP21	343	12/9/2011 9:52	12/9/2011 10:44	0:52:00	Static	12413432.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP2	343	12/9/2011 9:52	12/9/2011 10:54	1:02:15	Static	80973431.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP1	343	12/9/2011 10:17	12/9/2011 10:44	0:27:00	Static	60823430#0#0.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
BP18	343	12/9/2011 11:33	12/9/2011 13:27	1:53:45	Static	60823431#0#3.R	1.500	Bottom of antenna mount	Trimble	Compact L1/L2 w/Ground Plane
PP7	343	12/9/2011 11:47	12/9/2011 13:00	1:13:00	Static	03193431.dat	2.000	Bottom of antenna mount	Trimble	Zephyr
BP17	343	12/9/2011 11:48	12/9/2011 13:46	1:57:15	Static	83413432.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP6	343	12/9/2011 12:04	12/9/2011 13:34	1:30:30	Static	80973432.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
BP23	343	12/9/2011 12:18	12/9/2011 13:05	0:47:30	Static	12413433.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal
PP5	343	12/9/2011 12:24	12/9/2011 13:14	0:50:00	Static	89573431.t01	2.000	Bottom of antenna mount	Trimble	Zephyr
PP8	343	12/9/2011 12:37	12/9/2011 13:00	0:23:00	Static	87773430.t01	2.000	Bottom of antenna mount	Trimble	R8/5800/SPS78x Internal

SECTION 3.3

BASELINE PROCESSING REPORT

Project information		Coordinate System	
Name:	C:\Documents and Settings\clint.fischer\My Documents\Trimble Business Center\2022-3 CENTENNIAL NO GDACS\2022-3 CENTENNIAL NO GDACS.vce	Name:	US State Plane 1983
		Datum:	NAD 1983 (Conus)
		Zone:	Arizona Central 0202
Size:	8 MB	Geoid:	GEOID99 (Conus)
Modified:	12/9/2011 6:30:05 PM (UTC:-7)	Vertical datum:	
Time zone:	US Mountain Standard Time		
Reference number:			
Description:	NAD83 Metric Template		

Baseline Processing Report

Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	ΔX (Meter)	ΔY (Meter)	ΔZ (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)	Processing Start Time	Processing Stop Time
PP25 --- BP29 (B1)	PP25	BP29	Fixed	0.001	0.002	-627.329	-20.744	-399.392	229° 51'48"	743.929	1.421	12/5/2011 9:20:30 AM	12/5/2011 10:49:30 AM
PP20 --- PP25 (B2)	PP20	PP25	Fixed	0.010	0.016	2101.081	-3326.091	-3401.733	141° 28'00"	5200.612	-13.375	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
BP27 --- BP10 (B3)	BP27	BP10	Fixed	0.002	0.003	277.870	621.889	1032.666	0° 29'54"	1237.011	1.866	12/5/2011 2:54:00 PM	12/5/2011 4:21:30 PM
4EU2 --- BP27 (B4)	4EU2	BP27	Fixed	0.007	0.027	12022.836	-10392.095	-7358.719	120° 04'09"	17511.631	-62.118	12/5/2011 2:29:45 PM	12/5/2011 4:27:15 PM
4EU2 --- PP20 (B5)	4EU2	PP20	Fixed	0.009	0.095	12731.121	-10864.318	-7599.823	119° 31'53"	18380.173	-65.443	12/5/2011 12:50:00 PM	12/5/2011 2:11:30 PM

4EU2 --- BP29 (B6)	4EU2	BP29	Fixed	0.005	0.026	14204.882	-14211.145	-11400.951	126° 04'32"	23100.943	-77.407	12/5/2011 9:20:30 AM	12/5/2011 10:49:30 AM
4EU2 --- BP10 (B7)	4EU2	BP10	Fixed	0.008	0.031	12300.709	-9770.195	-6326.053	116° 25'46"	16933.627	-60.262	12/5/2011 2:54:00 PM	12/5/2011 4:21:30 PM
4EU2 --- PP25 (B8)	4EU2	PP25	Fixed	0.010	0.025	14832.206	-14190.392	-11001.567	124° 17'49"	23288.013	-78.838	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
4EU2 --- PP25 (B9)	4EU2	PP25	Fixed	0.005	0.025	14832.215	-14190.394	-11001.562	124° 17'49"	23288.018	-78.837	12/5/2011 8:45:00 AM	12/5/2011 11:00:00 AM
4EU2 --- 4DP1 (B10)	4EU2	4DP1	Fixed	0.005	0.014	20468.967	-13032.334	-5987.127	106° 33'26"	24991.874	-45.815	12/5/2011 8:03:30 AM	12/5/2011 5:00:30 PM
4DP1 --- BP27 (B11)	4DP1	BP27	Fixed	0.008	0.027	-8446.125	2640.237	-1371.587	259° 30'38"	8954.359	-16.300	12/5/2011 2:29:45 PM	12/5/2011 4:27:15 PM
4DP1 --- PP20 (B12)	4DP1	PP20	Fixed	0.011	0.031	-7737.826	2168.044	-1612.701	256° 28'02"	8195.600	-19.658	12/5/2011 12:50:00 PM	12/5/2011 2:11:30 PM
4DP1 --- BP29 (B13)	4DP1	BP29	Fixed	0.006	0.028	-6264.083	-1178.796	-5413.824	219° 20'07"	8362.399	-31.604	12/5/2011 9:20:30 AM	12/5/2011 10:49:30 AM
4DP1 --- BP10 (B14)	4DP1	BP10	Fixed	0.007	0.028	-8168.257	3262.127	-338.911	267° 26'22"	8801.619	-14.430	12/5/2011 2:54:00 PM	12/5/2011 4:21:30 PM
4DP1 --- PP25 (B15)	4DP1	PP25	Fixed	0.015	0.016	-5636.752	-1158.053	-5014.425	218° 18'44"	7632.270	-33.021	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
4DP1 --- PP25 (B16)	4DP1	PP25	Fixed	0.006	0.025	-5636.755	-1158.055	-5014.430	218° 18'44"	7632.276	-33.021	12/5/2011 8:45:00 AM	12/5/2011 11:00:00 AM
4DP1 --- BP4 (B17)	4DP1	BP4	Fixed	0.007	0.033	-7479.431	-1154.588	-6102.449	221° 23'40"	9721.333	-31.120	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM
4EU2 --- BP4 (B18)	4EU2	BP4	Fixed	0.007	0.031	12989.533	-14186.938	-12089.570	129° 26'10"	22717.688	-76.918	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM

BP29 --- BP4 (B19)	BP29	BP4	Fixed	0.002	0.003	-1215.339	24.222	-688.635	233° 46'55"	1397.019	0.465	12/5/2011 9:48:00 AM	12/5/2011 10:49:30 AM
PP25 --- BP4 (B20)	PP25	BP4	Fixed	0.003	0.015	-1842.666	3.484	-1088.030	232° 25'22"	2139.812	1.880	12/5/2011 9:48:00 AM	12/5/2011 11:00:00 AM
4DP1 --- PP21 (B21)	4DP1	PP21	Fixed	0.005	0.019	-6835.637	2272.403	-931.341	261° 16'37"	7263.011	-19.650	12/5/2011 11:57:45 AM	12/5/2011 4:35:15 PM
4EU2 --- PP21 (B22)	4EU2	PP21	Fixed	0.005	0.023	13633.316	-10759.938	-6918.467	116° 09'30"	18694.013	-65.455	12/5/2011 11:57:45 AM	12/5/2011 4:35:15 PM
PP21 --- BP27 (B23)	PP21	BP27	Fixed	0.003	0.003	-1610.486	367.839	-440.240	251° 56'32"	1709.525	3.349	12/5/2011 2:29:45 PM	12/5/2011 4:27:15 PM
PP21 --- PP20 (B24)	PP21	PP20	Fixed	0.002	0.003	-902.198	-104.384	-681.348	223° 59'06"	1135.325	0.021	12/5/2011 12:50:00 PM	12/5/2011 2:11:30 PM
PP21 --- BP10 (B25)	PP21	BP10	Fixed	0.002	0.004	-1332.616	989.728	592.427	293° 39'08"	1762.400	5.215	12/5/2011 2:54:00 PM	12/5/2011 4:21:30 PM
PP21 --- PP25 (B26)	PP21	PP25	Fixed	0.010	0.016	1198.883	-3430.477	-4083.083	153° 21'23"	5465.705	-13.354	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
PP31 --- BP4 (B27)	PP31	BP4	Fixed	0.007	0.031	-2827.485	4156.967	4132.819	319° 26'30"	6507.770	10.877	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM
4DP1 --- PP31 (B28)	4DP1	PP31	Fixed	0.008	0.026	-4651.943	-5311.548	-10235.280	190° 10'51"	12433.698	-42.011	12/5/2011 9:02:30 AM	12/5/2011 11:20:00 AM
4EU2 --- PP31 (B29)	4EU2	PP31	Fixed	0.005	0.021	15817.021	-18343.902	-16222.395	131° 37'50"	29150.397	-87.802	12/5/2011 9:02:30 AM	12/5/2011 11:20:00 AM
PP31 --- BP29 (B30)	PP31	BP29	Fixed	0.006	0.027	-1612.146	4132.748	4821.450	331° 43'04"	6551.396	10.407	12/5/2011 9:20:30 AM	12/5/2011 10:49:30 AM
PP31 --- PP25 (B31)	PP31	PP25	Fixed	0.006	0.025	-984.816	4153.490	5220.844	337° 54'58"	6743.452	8.988	12/5/2011 9:02:30 AM	12/5/2011 11:00:00 AM

PP21 --- PP24 (B32)	PP21	PP24	Fixed	0.005	0.043	1500.386	-2718.435	-2910.149	144° 52'35"	4255.360	-11.313	12/5/2011 12:13:45 PM	12/5/2011 2:10:00 PM
4DP1 --- PP24 (B33)	4DP1	PP24	Fixed	0.039	0.099	-5335.262	-446.085	-3841.467	225° 55'09"	6589.045	-30.906	12/5/2011 12:13:45 PM	12/5/2011 2:10:00 PM
4EU2 --- PP24 (B34)	4EU2	PP24	Fixed	0.009	0.075	15133.707	-13478.378	-9828.612	121° 21'02"	22521.918	-76.764	12/5/2011 12:13:45 PM	12/5/2011 2:10:00 PM
PP24 --- PP20 (B35)	PP24	PP20	Fixed	0.006	0.070	-2402.589	2614.038	2228.810	309° 28'00"	4191.819	11.351	12/5/2011 12:50:00 PM	12/5/2011 2:10:00 PM
PP24 --- PP25 (B36)	PP24	PP25	Fixed	0.006	0.016	-301.499	-712.036	-1172.926	179° 54'08"	1404.799	-2.042	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
PP21 --- BP8 (B37)	PP21	BP8	Fixed	0.008	0.025	-4147.766	483.842	-1782.678	241° 51'50"	4540.249	7.614	12/5/2011 2:44:15 PM	12/5/2011 4:34:15 PM
4EU2 --- BP8 (B39)	4EU2	BP8	Fixed	0.009	0.045	9485.550	-10276.093	-8701.151	129° 06'37"	16469.676	-57.846	12/5/2011 2:44:15 PM	12/5/2011 4:34:15 PM
BP27 --- BP8 (B40)	BP27	BP8	Fixed	0.006	0.020	-2537.282	116.003	-1342.437	235° 52'37"	2872.722	4.267	12/5/2011 2:44:15 PM	12/5/2011 4:27:15 PM
3BP2 --- BP8 (B42)	3BP2	BP8	Fixed	0.009	0.043	-7853.431	12476.770	12808.572	321° 39'47"	19528.627	48.396	12/5/2011 2:44:15 PM	12/5/2011 4:34:15 PM
3BP2 --- PP24 (B43)	3BP2	PP24	Fixed	0.008	0.054	-2205.284	9274.476	11681.107	337° 56'25"	15076.659	29.486	12/5/2011 12:13:45 PM	12/5/2011 2:10:00 PM
3BP2 --- PP31 (B44)	3BP2	PP31	Fixed	0.008	0.025	-1521.972	4408.942	5287.322	333° 39'57"	7050.255	18.456	12/5/2011 9:02:30 AM	12/5/2011 11:20:00 AM
3BP2 --- PP21 (B45)	3BP2	PP21	Fixed	0.004	0.017	-3705.674	11992.911	14591.262	335° 05'10"	19246.571	40.805	12/5/2011 11:57:45 AM	12/5/2011 4:35:15 PM
3BP2 --- BP4 (B46)	3BP2	BP4	Fixed	0.007	0.033	-4349.467	8565.902	9420.156	326° 50'55"	13454.156	29.350	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM

3BP2 --- 4DP1 (B47)	3BP2	4DP1	Fixed	0.005	0.013	3129.972	9720.503	15522.605	357° 08'06"	18579.535	60.457	12/5/2011 8:03:30 AM	12/5/2011 5:21:00 PM
3BP2 --- 4EU2 (B48)	4EU2	3BP2	Fixed	0.004	0.014	17339.000	-22752.840	-21509.739	135° 50'32"	35789.103	-106.275	12/5/2011 7:56:30 AM	12/5/2011 5:00:30 PM
3BP2 --- BP27 (B49)	3BP2	BP27	Fixed	0.007	0.023	-5316.155	12360.754	14151.013	330° 05'59"	19525.959	44.144	12/5/2011 2:29:45 PM	12/5/2011 4:27:15 PM
3BP2 --- PP20 (B50)	3BP2	PP20	Fixed	0.007	0.027	-4607.867	11888.538	13909.904	331° 52'01"	18868.497	40.809	12/5/2011 12:50:00 PM	12/5/2011 2:11:30 PM
3BP2 --- BP29 (B51)	3BP2	BP29	Fixed	0.006	0.028	-3134.121	8541.690	10108.782	332° 44'11"	13599.734	28.870	12/5/2011 9:20:30 AM	12/5/2011 10:49:30 AM
3BP2 --- BP10 (B52)	3BP2	BP10	Fixed	0.005	0.025	-5038.282	12982.652	15183.677	331° 50'38"	20601.830	46.000	12/5/2011 2:54:00 PM	12/5/2011 4:21:30 PM
3BP2 --- PP25 (B53)	3BP2	PP25	Fixed	0.011	0.016	-2506.793	8562.447	10508.176	335° 45'10"	13784.159	27.440	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
3BP2 --- PP25 (B54)	3BP2	PP25	Fixed	0.006	0.025	-2506.792	8562.434	10508.175	335° 45'10"	13784.149	27.449	12/5/2011 8:45:00 AM	12/5/2011 11:00:00 AM
3BP2 --- 4CU2 (B55)	3BP2	4CU2	Fixed	0.003	0.012	-17720.805	17251.204	13666.484	305° 17'32"	28254.351	112.384	12/5/2011 7:56:30 AM	12/5/2011 4:53:30 PM
4CU2 --- BP8 (B56)	4CU2	BP8	Fixed	0.014	0.046	9867.359	-4774.434	-857.907	95° 06'49"	10994.467	-63.980	12/5/2011 2:44:15 PM	12/5/2011 4:34:15 PM
4CU2 --- PP24 (B57)	4CU2	PP24	Fixed	0.006	0.056	15515.517	-7976.724	-1985.376	97° 33'30"	17557.352	-82.899	12/5/2011 12:13:45 PM	12/5/2011 2:10:00 PM
4CU2 --- PP31 (B58)	4CU2	PP31	Fixed	0.007	0.024	16198.833	-12842.254	-8379.155	116° 30'59"	22304.122	-93.930	12/5/2011 9:02:30 AM	12/5/2011 11:20:00 AM
4CU2 --- PP21 (B59)	4CU2	PP21	Fixed	0.005	0.022	14015.123	-5258.303	924.786	85° 32'09"	14996.620	-71.565	12/5/2011 11:57:45 AM	12/5/2011 4:35:15 PM

4CU2 --- BP4 (B60)	4CU2	BP4	Fixed	0.007	0.032	13371.337	-8685.294	-4246.318	107° 43'18"	16499.141	-83.035	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM
4DP1 --- 4CU2 (B61)	4DP1	4CU2	Fixed	0.003	0.013	-20850.774	7530.698	-1856.124	264° 14'06"	22245.280	51.927	12/5/2011 8:03:30 AM	12/5/2011 4:53:30 PM
4EU2 --- 4CU2 (B62)	4EU2	4CU2	Fixed	0.003	0.015	-381.807	-5501.638	-7843.244	169° 00'20"	9587.441	6.117	12/5/2011 7:54:00 AM	12/5/2011 4:53:30 PM
4CU2 --- BP27 (B63)	4CU2	BP27	Fixed	0.007	0.026	12404.644	-4890.453	484.529	87° 16'21"	13341.740	-68.236	12/5/2011 2:29:45 PM	12/5/2011 4:27:15 PM
4CU2 --- PP20 (B64)	4CU2	PP20	Fixed	0.007	0.086	13112.923	-5362.693	243.438	88° 35'16"	14168.244	-71.539	12/5/2011 12:50:00 PM	12/5/2011 2:11:30 PM
4CU2 --- BP29 (B65)	4CU2	BP29	Fixed	0.005	0.026	14586.686	-8709.501	-3557.700	103° 59'10"	17356.391	-83.524	12/5/2011 9:20:30 AM	12/5/2011 10:49:30 AM
4CU2 --- BP10 (B66)	4CU2	BP10	Fixed	0.008	0.028	12682.517	-4268.555	1517.198	82° 00'36"	13466.404	-66.377	12/5/2011 2:54:00 PM	12/5/2011 4:21:30 PM
4CU2 --- PP25 (B67)	4CU2	PP25	Fixed	0.010	0.024	15214.011	-8688.764	-3158.307	102° 02'35"	17801.518	-84.938	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
4CU2 --- PP25 (B68)	4CU2	PP25	Fixed	0.006	0.023	15214.012	-8688.768	-3158.298	102° 02'35"	17801.519	-84.931	12/5/2011 8:45:00 AM	12/5/2011 11:00:00 AM
4CU2 --- BP3 (B69)	4CU2	BP3	Fixed	0.007	0.025	13770.291	-9915.532	-5729.901	112° 18'01"	17908.886	-86.927	12/5/2011 9:14:00 AM	12/5/2011 11:14:15 AM
3BP2 --- BP3 (B70)	3BP2	BP3	Fixed	0.008	0.027	-3950.507	7335.672	7936.569	325° 33'12"	11506.299	25.447	12/5/2011 9:14:00 AM	12/5/2011 11:14:15 AM
PP31 --- BP3 (B71)	PP31	BP3	Fixed	0.007	0.022	-2428.523	2926.738	2649.236	313° 08'19"	4634.639	6.975	12/5/2011 9:14:00 AM	12/5/2011 11:14:15 AM
BP3 --- BP4 (B72)	BP3	BP4	Fixed	0.003	0.005	-398.964	1230.228	1483.582	334° 24'18"	1968.059	3.903	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM

4DP1 --- BP3 (B73)	4DP1	BP3	Fixed	0.008	0.027	-7080.473	-2384.817	-7586.034	211° 36'03"	10646.864	-35.022	12/5/2011 9:14:00 AM	12/5/2011 11:14:15 AM
4EU2 --- BP3 (B74)	4EU2	BP3	Fixed	0.008	0.024	13388.487	-15417.173	-13573.155	131° 22'12"	24517.350	-80.814	12/5/2011 9:14:00 AM	12/5/2011 11:14:15 AM
BP3 --- BP29 (B75)	BP3	BP29	Fixed	0.003	0.015	816.376	1206.007	2172.216	6° 04'37"	2615.104	3.437	12/5/2011 9:20:30 AM	12/5/2011 10:49:30 AM
PP25 --- BP3 (B76)	PP25	BP3	Fixed	0.004	0.016	-1443.706	-1226.749	-2571.610	195° 21'22"	3193.962	-2.017	12/5/2011 9:14:00 AM	12/5/2011 11:00:00 AM
4CU2 --- BP9 (B77)	4CU2	BP9	Fixed	0.006	0.076	13569.240	-6361.523	-881.401	93° 48'07"	15011.316	-75.604	12/5/2011 12:41:15 PM	12/5/2011 2:08:15 PM
3BP2 --- BP9 (B78)	3BP2	BP9	Fixed	0.006	0.026	-4151.570	10889.655	12785.100	332° 08'00"	17298.834	36.811	12/5/2011 12:41:15 PM	12/5/2011 2:08:15 PM
PP24 --- BP9 (B79)	PP24	BP9	Fixed	0.004	0.046	-1946.277	1615.189	1103.982	298° 32'28"	2759.492	7.308	12/5/2011 12:41:15 PM	12/5/2011 2:08:15 PM
PP21 --- BP9 (B80)	PP21	BP9	Fixed	0.003	0.013	-445.889	-1103.240	-1806.172	179° 22'09"	2162.805	-4.014	12/5/2011 12:41:15 PM	12/5/2011 2:08:15 PM
4DP1 --- BP9 (B81)	4DP1	BP9	Fixed	0.010	0.029	-7281.523	1169.175	-2737.516	245° 28'57"	7866.044	-23.676	12/5/2011 12:41:15 PM	12/5/2011 2:08:15 PM
4EU2 --- BP9 (B82)	4EU2	BP9	Fixed	0.006	0.086	13187.429	-11863.170	-8724.644	121° 45'31"	19766.513	-69.478	12/5/2011 12:41:15 PM	12/5/2011 2:08:15 PM
BP9 --- PP20 (B83)	BP9	PP20	Fixed	0.002	0.004	-456.306	998.862	1124.820	328° 53'12"	1571.908	4.026	12/5/2011 12:50:00 PM	12/5/2011 2:08:15 PM
BP9 --- PP25 (B84)	BP9	PP25	Fixed	0.008	0.013	1644.773	-2327.227	-2276.910	138° 16'59"	3647.492	-9.348	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
4CU2 --- PP11 (B85)	4CU2	PP11	Fixed	0.011	0.017	9037.703	-3204.340	842.846	83° 43'14"	9625.202	-57.235	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM

3BP2 --- PP11 (B86)	3BP2	PP11	Fixed	0.010	0.016	-8683.097	14046.869	14509.339	322° 08'13"	21981.410	55.149	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
BP8 --- PP11 (B87)	BP8	PP11	Fixed	0.007	0.010	-829.657	1570.101	1700.758	325° 49'48"	2458.749	6.743	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
PP21 --- PP11 (B88)	PP21	PP11	Fixed	0.010	0.014	-4977.420	2053.954	-81.926	268° 52'14"	5384.883	14.344	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
4DP1 --- PP11 (B89)	4DP1	PP11	Fixed	0.013	0.022	-11813.058	4326.371	-1013.284	264° 31'38"	12620.450	-5.325	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
4EU2 --- PP11 (B90)	4EU2	PP11	Fixed	0.012	0.018	8655.897	-8705.983	-7000.404	126° 15'14"	14131.500	-51.117	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
BP27 --- PP11 (B91)	BP27	PP11	Fixed	0.008	0.012	-3366.934	1686.114	358.314	276° 25'23"	3782.330	10.996	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
BP10 --- PP11 (B92)	BP10	PP11	Fixed	0.008	0.012	-3644.804	1064.223	-674.355	257° 48'59"	3856.203	9.131	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
BP3 --- PP28 (B93)	BP3	PP28	Fixed	0.003	0.005	-1834.989	404.638	-526.103	251° 07'28"	1951.238	1.655	12/5/2011 10:06:45 AM	12/5/2011 11:14:15 AM
4CU2 --- PP28 (B94)	4CU2	PP28	Fixed	0.007	0.025	11935.319	-9510.856	-6256.030	116° 46'35"	16492.705	-85.321	12/5/2011 10:06:45 AM	12/5/2011 11:22:15 AM
3BP2 --- PP28 (B95)	3BP2	PP28	Fixed	0.007	0.024	-5785.490	7740.319	7410.461	316° 40'32"	12177.233	27.091	12/5/2011 10:06:45 AM	12/5/2011 11:22:15 AM
PP31 --- PP28 (B96)	PP31	PP28	Fixed	0.008	0.035	-4263.507	3331.383	2123.128	295° 53'48"	5812.056	8.621	12/5/2011 10:06:45 AM	12/5/2011 11:20:00 AM
BP4 --- PP28 (B97)	BP4	PP28	Fixed	0.004	0.007	-1436.025	-825.588	-2009.687	202° 29'00"	2604.217	-2.250	12/5/2011 10:06:45 AM	12/5/2011 11:05:15 AM
4DP1 --- PP28 (B98)	4DP1	PP28	Fixed	0.007	0.025	-8915.458	-1980.170	-8112.146	217° 26'23"	12214.631	-33.379	12/5/2011 10:06:45 AM	12/5/2011 11:22:15 AM

4EU2 --- PP28 (B99)	4EU2	PP28	Fixed	0.007	0.023	11553.514	-15012.498	-14099.284	135° 29'18"	23613.184	-79.207	12/5/2011 10:06:45 AM	12/5/2011 11:22:15 AM
BP29 --- PP28 (B100)	BP29	PP28	Fixed	0.005	0.009	-2651.365	-801.369	-2698.320	213° 18'22"	3866.706	-1.781	12/5/2011 10:06:45 AM	12/5/2011 10:49:30 AM
PP25 --- PP28 (B101)	PP25	PP28	Fixed	0.006	0.010	-3278.694	-822.109	-3097.714	215° 57'33"	4584.704	-0.364	12/5/2011 10:06:45 AM	12/5/2011 11:00:00 AM
PP19 --- BP9 (B102)	PP19	BP9	Fixed	0.002	0.003	976.115	-528.062	-160.214	99° 44'11"	1121.241	-3.498	12/5/2011 12:41:15 PM	12/5/2011 2:08:15 PM
4CU2 --- PP19 (B103)	4CU2	PP19	Fixed	0.007	0.049	12593.105	-5833.489	-721.167	93° 19'50"	13896.381	-72.067	12/5/2011 12:02:00 PM	12/5/2011 2:19:30 PM
3BP2 --- PP19 (B104)	3BP2	PP19	Fixed	0.005	0.024	-5127.685	11417.729	12945.306	329° 18'27"	18005.739	40.296	12/5/2011 12:02:00 PM	12/5/2011 2:19:30 PM
PP19 --- PP24 (B105)	PP19	PP24	Fixed	0.005	0.040	2922.394	-2143.250	-1264.199	113° 07'21"	3838.037	-10.809	12/5/2011 12:13:45 PM	12/5/2011 2:10:00 PM
PP21 --- PP19 (B106)	PP21	PP19	Fixed	0.003	0.012	-1422.009	-575.184	-1645.953	208° 43'29"	2249.800	-0.507	12/5/2011 12:02:00 PM	12/5/2011 2:19:30 PM
4DP1 --- PP19 (B107)	4DP1	PP19	Fixed	0.008	0.025	-8257.646	1697.237	-2577.301	249° 35'36"	8814.954	-20.174	12/5/2011 12:02:00 PM	12/5/2011 2:19:30 PM
4EU2 --- PP19 (B108)	4EU2	PP19	Fixed	0.008	0.051	12211.296	-11335.130	-8564.404	123° 03'00"	18732.514	-65.943	12/5/2011 12:02:00 PM	12/5/2011 2:19:30 PM
PP19 --- PP20 (B109)	PP19	PP20	Fixed	0.002	0.003	519.810	470.800	964.606	14° 12'25"	1192.550	0.528	12/5/2011 12:50:00 PM	12/5/2011 2:11:30 PM
PP19 --- PP25 (B110)	PP19	PP25	Fixed	0.009	0.015	2620.891	-2855.293	-2437.125	129° 29'57"	4578.113	-12.844	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
PP28 --- PP30 (B111)	PP28	PP30	Fixed	0.008	0.015	3087.614	-1526.925	-298.150	95° 51'58"	3457.253	-4.754	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM

BP3 --- PP30 (B112)	BP3	PP30	Fixed	0.005	0.010	1252.626	-1122.284	-824.257	121° 44'24"	1872.872	-3.104	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
4CU2 --- PP30 (B113)	4CU2	PP30	Fixed	0.016	0.034	15022.933	-11037.814	-6554.163	113° 10'54"	19759.270	-90.040	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
3BP2 --- PP30 (B114)	3BP2	PP30	Fixed	0.012	0.022	-2697.880	6213.376	7112.311	329° 57'44"	9821.418	22.353	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
PP31 --- PP30 (B115)	PP31	PP30	Fixed	0.009	0.019	-1175.905	1804.423	1824.996	320° 39'36"	2822.859	3.907	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
BP4 --- PP30 (B116)	BP4	PP30	Fixed	0.009	0.016	1651.591	-2352.508	-2307.843	138° 29'01"	3686.032	-7.011	12/5/2011 10:44:30 AM	12/5/2011 11:05:15 AM
4DP1 --- PP30 (B117)	4DP1	PP30	Fixed	0.012	0.022	-5827.838	-3507.091	-8410.306	201° 37'45"	10815.888	-38.144	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
4EU2 --- PP30 (B118)	4EU2	PP30	Fixed	0.018	0.031	14641.125	-16539.450	-14397.422	130° 40'54"	26365.142	-83.932	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
BP29 --- PP30 (B119)	BP29	PP30	Fixed	0.014	0.023	436.249	-2328.286	-2996.490	159° 50'56"	3819.521	-6.552	12/5/2011 10:44:30 AM	12/5/2011 10:49:30 AM
PP25 --- PP30 (B120)	PP25	PP30	Fixed	0.010	0.018	-191.079	-2349.029	-3395.871	169° 35'24"	4133.367	-5.126	12/5/2011 10:44:30 AM	12/5/2011 11:00:00 AM
PP19 --- BP28 (B121)	PP19	BP28	Fixed	0.004	0.007	1948.883	-116.708	991.098	57° 03'58"	2189.419	-2.879	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
BP9 --- BP28 (B122)	BP9	BP28	Fixed	0.003	0.005	972.767	411.356	1151.313	27° 57'59"	1562.296	0.619	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
4CU2 --- BP28 (B123)	4CU2	BP28	Fixed	0.009	0.035	14542.013	-5950.145	269.892	88° 35'37"	15713.509	-75.015	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
3BP2 --- BP28 (B124)	3BP2	BP28	Fixed	0.008	0.012	-3178.795	11301.040	13936.391	336° 12'13"	18221.111	37.392	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM

PP24 --- BP28 (B125)	PP24	BP28	Fixed	0.007	0.024	-973.503	2026.567	2255.275	327° 55'15"	3184.318	7.896	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
PP21 --- BP28 (B126)	PP21	BP28	Fixed	0.003	0.004	526.875	-691.893	-654.856	135° 58'53"	1088.586	-3.385	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
4DP1 --- BP28 (B127)	4DP1	BP28	Fixed	0.013	0.014	-6308.756	1580.534	-1586.203	253° 38'45"	6693.983	-23.060	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
4EU2 --- BP28 (B128)	4EU2	BP28	Fixed	0.008	0.034	14160.202	-11451.792	-7573.354	117° 13'33"	19722.153	-68.892	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
PP20 --- BP28 (B129)	PP20	BP28	Fixed	0.003	0.005	1429.073	-587.509	26.491	88° 43'55"	1545.273	-3.407	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
BP28 --- PP25 (B130)	BP28	PP25	Fixed	0.009	0.015	672.007	-2738.586	-3428.223	157° 33'39"	4438.708	-9.964	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
PP29 --- PP30 (B131)	PP29	PP30	Fixed	0.004	0.008	-1091.591	198.774	-381.386	247° 15'24"	1173.193	-4.956	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
PP29 --- PP28 (B132)	PP29	PP28	Fixed	0.006	0.026	-4179.199	1725.715	-83.243	268° 45'02"	4522.030	-0.219	12/5/2011 10:06:45 AM	12/5/2011 11:07:00 AM
BP3 --- PP29 (B133)	BP3	PP29	Fixed	0.004	0.016	2344.208	-1321.080	-442.857	101° 14'14"	2726.898	1.879	12/5/2011 9:32:30 AM	12/5/2011 11:07:00 AM
4CU2 --- PP29 (B134)	4CU2	PP29	Fixed	0.006	0.027	16114.521	-11236.600	-6172.774	110° 49'53"	20590.990	-85.073	12/5/2011 9:32:30 AM	12/5/2011 11:07:00 AM
3BP2 --- PP29 (B135)	3BP2	PP29	Fixed	0.007	0.029	-1606.286	6014.596	7493.702	336° 49'21"	9741.744	27.314	12/5/2011 9:32:30 AM	12/5/2011 11:07:00 AM
PP31 --- PP29 (B136)	PP31	PP29	Fixed	0.004	0.017	-84.311	1605.659	2206.375	344° 58'49"	2729.935	8.850	12/5/2011 9:32:30 AM	12/5/2011 11:07:00 AM
PP29 --- BP4 (B137)	PP29	BP4	Fixed	0.005	0.023	-2743.173	2551.307	1926.442	303° 12'47"	4212.318	2.026	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM

4DP1 --- PP29 (B138)	4DP1	PP29	Fixed	0.007	0.030	-4736.253	-3705.890	-8028.901	196° 49'56"	10030.836	-33.157	12/5/2011 9:32:30 AM	12/5/2011 11:07:00 AM
4EU2 --- PP29 (B139)	4EU2	PP29	Fixed	0.006	0.026	15732.715	-16738.245	-14016.026	128° 26'40"	26908.221	-78.955	12/5/2011 9:32:30 AM	12/5/2011 11:07:00 AM
PP29 --- BP29 (B140)	PP29	BP29	Fixed	0.004	0.021	-1527.834	2527.080	2615.081	322° 34'39"	3944.306	1.566	12/5/2011 9:32:30 AM	12/5/2011 10:49:30 AM
PP25 --- PP29 (B141)	PP25	PP29	Fixed	0.005	0.021	900.505	-2547.826	-3014.470	153° 08'39"	4048.181	-0.142	12/5/2011 9:32:30 AM	12/5/2011 11:00:00 AM
PP19 --- PP23 (B142)	PP19	PP23	Fixed	0.020	0.039	4373.850	-2403.988	-758.173	100° 17'53"	5047.966	-7.668	12/5/2011 2:17:00 PM	12/5/2011 2:19:30 PM
4CU2 --- PP23 (B143)	4CU2	PP23	Fixed	0.011	0.047	16966.965	-8237.460	-1479.349	95° 09'49"	18917.628	-79.757	12/5/2011 2:17:00 PM	12/5/2011 3:28:30 PM
3BP2 --- PP23 (B144)	3BP2	PP23	Fixed	0.006	0.039	-753.835	9013.744	12187.128	343° 50'10"	15176.282	32.622	12/5/2011 2:17:00 PM	12/5/2011 3:28:30 PM
BP8 --- PP23 (B145)	BP8	PP23	Fixed	0.039	0.018	7099.583	-3463.032	-621.454	95° 17'53"	7923.153	-15.771	12/5/2011 2:44:15 PM	12/5/2011 3:19:45 PM
PP21 --- PP23 (B146)	PP21	PP23	Fixed	0.005	0.027	2951.827	-2979.174	-2404.114	126° 30'32"	4833.853	-8.163	12/5/2011 2:17:00 PM	12/5/2011 3:28:30 PM
4DP1 --- PP23 (B147)	4DP1	PP23	Fixed	0.008	0.031	-3883.795	-706.741	-3335.460	219° 37'36"	5167.704	-27.843	12/5/2011 2:17:00 PM	12/5/2011 3:28:30 PM
4EU2 --- PP23 (B148)	4EU2	PP23	Fixed	0.011	0.050	16585.161	-13739.092	-9322.607	118° 15'33"	23466.492	-73.653	12/5/2011 2:17:00 PM	12/5/2011 3:28:30 PM
BP27 --- PP23 (B149)	BP27	PP23	Fixed	0.006	0.010	4562.313	-3347.005	-1963.875	113° 03'03"	5989.176	-11.518	12/5/2011 2:29:45 PM	12/5/2011 3:28:30 PM
BP10 --- PP23 (B150)	BP10	PP23	Fixed	0.008	0.012	4284.444	-3968.897	-2996.542	123° 04'27"	6563.792	-13.382	12/5/2011 2:54:00 PM	12/5/2011 3:28:30 PM

PP11 --- PP18 (B151)	PP11	PP18	Fixed	0.009	0.014	2616.106	-2801.233	-2362.184	128° 48'31"	4502.058	-14.636	12/5/2011 4:02:00 PM	12/5/2011 4:21:30 PM
4CU2 --- PP18 (B152)	4CU2	PP18	Fixed	0.012	0.018	11653.815	-6005.579	-1519.337	97° 41'13"	13197.057	-71.868	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
3BP2 --- PP18 (B153)	3BP2	PP18	Fixed	0.011	0.018	-6066.986	11245.626	12147.155	325° 29'31"	17629.380	40.519	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
BP8 --- PP18 (B154)	BP8	PP18	Fixed	0.007	0.010	1786.443	-1231.133	-661.422	110° 19'23"	2268.033	-7.888	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
PP21 --- PP18 (B155)	PP21	PP18	Fixed	0.008	0.012	-2361.314	-747.277	-2444.109	212° 39'01"	3479.465	-0.293	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
4DP1 --- PP18 (B156)	4DP1	PP18	Fixed	0.014	0.024	-9196.947	1525.131	-3375.465	246° 01'03"	9914.288	-19.956	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
4EU2 --- PP18 (B157)	4EU2	PP18	Fixed	0.012	0.019	11272.008	-11507.226	-9362.589	126° 51'17"	18630.353	-65.748	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
BP27 --- PP18 (B158)	BP27	PP18	Fixed	0.006	0.009	-750.830	-1115.118	-2003.869	185° 58'57"	2412.907	-3.639	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
BP10 --- PP18 (B159)	BP10	PP18	Fixed	0.008	0.012	-1028.699	-1737.008	-3036.539	184° 07'28"	3646.177	-5.506	12/5/2011 4:02:00 PM	12/5/2011 4:21:30 PM
PP29 --- PP26 (B160)	PP29	PP26	Fixed	0.005	0.009	-1192.649	1910.847	1953.153	321° 43'20"	2981.224	-0.060	12/5/2011 10:24:15 AM	12/5/2011 11:07:00 AM
PP26 --- PP30 (B161)	PP26	PP30	Fixed	0.007	0.013	101.060	-1712.072	-2334.539	164° 40'46"	2896.662	-4.898	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
PP28 --- PP26 (B162)	PP28	PP26	Fixed	0.006	0.010	2986.555	185.147	2036.390	47° 36'27"	3619.311	0.143	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM
BP3 --- PP26 (B163)	BP3	PP26	Fixed	0.004	0.007	1151.565	589.787	1510.284	24° 34'47"	1988.599	1.796	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM

4CU2 --- PP26 (B164)	4CU2	PP26	Fixed	0.009	0.020	14921.874	-9325.730	-4219.628	105° 59'42"	18094.033	-85.155	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM
3BP2 --- PP26 (B165)	3BP2	PP26	Fixed	0.009	0.016	-2798.934	7925.460	9446.852	333° 18'22"	12644.149	27.240	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM
PP31 --- PP26 (B166)	PP31	PP26	Fixed	0.009	0.019	-1276.960	3516.506	4159.532	332° 50'05"	5594.201	8.793	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM
BP4 --- PP26 (B167)	BP4	PP26	Fixed	0.004	0.006	1550.530	-640.436	26.698	88° 51'08"	1677.718	-2.113	12/5/2011 10:24:15 AM	12/5/2011 11:05:15 AM
4DP1 --- PP26 (B168)	4DP1	PP26	Fixed	0.009	0.016	-5928.895	-1795.014	-6075.765	213° 11'55"	8676.409	-33.250	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM
4EU2 --- PP26 (B169)	4EU2	PP26	Fixed	0.009	0.019	14540.068	-14827.369	-12062.886	126° 49'32"	24014.777	-79.045	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM
BP29 --- PP26 (B170)	BP29	PP26	Fixed	0.003	0.005	335.191	-616.211	-661.942	145° 12'30"	964.440	-1.653	12/5/2011 10:24:15 AM	12/5/2011 10:49:30 AM
PP25 --- PP26 (B171)	PP25	PP26	Fixed	0.003	0.005	-292.138	-636.955	-1061.333	180° 49'58"	1271.742	-0.231	12/5/2011 10:24:15 AM	12/5/2011 11:00:00 AM
PP22 --- BP28 (B172)	PP22	BP28	Fixed	0.004	0.006	-1721.088	1053.297	447.398	284° 59'33"	2066.716	2.918	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
PP19 --- PP22 (B173)	PP19	PP22	Fixed	0.005	0.024	3669.971	-1170.009	543.705	80° 17'03"	3889.946	-5.791	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
BP9 --- PP22 (B174)	BP9	PP22	Fixed	0.004	0.020	2693.852	-641.948	703.921	72° 46'54"	2857.206	-2.290	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
4CU2 --- PP22 (B175)	4CU2	PP22	Fixed	0.008	0.124	16263.080	-7003.521	-177.449	90° 28'13"	17706.725	-77.835	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
3BP2 --- PP22 (B176)	3BP2	PP22	Fixed	0.007	0.030	-1457.711	10247.713	13489.012	341° 38'18"	17001.940	34.510	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM

PP24 --- PP22 (B177)	PP24	PP22	Fixed	0.004	0.063	747.582	973.261	1807.886	8° 01'48"	2184.964	4.991	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
PP21 --- PP22 (B178)	PP21	PP22	Fixed	0.004	0.021	2247.965	-1745.184	-1102.254	115° 33'52"	3051.722	-6.309	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
4DP1 --- PP22 (B179)	4DP1	PP22	Fixed	0.010	0.030	-4587.661	527.232	-2033.598	241° 19'58"	5045.480	-25.975	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
4EU2 --- PP22 (B180)	4EU2	PP22	Fixed	0.008	0.136	15881.260	-12505.189	-8020.680	116° 03'40"	21745.551	-71.683	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
PP20 --- PP22 (B181)	PP20	PP22	Fixed	0.005	0.023	3150.159	-1640.807	-420.902	98° 01'54"	3576.534	-6.320	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
PP22 --- PP25 (B182)	PP22	PP25	Fixed	0.008	0.013	-1049.083	-1685.286	-2980.824	184° 51'10"	3581.170	-7.047	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
BP3 --- 4BR1 (B183)	4BR1	BP3	Fixed	0.008	0.014	2970.116	-1387.940	-177.046	93° 36'45"	3283.020	-7.621	12/5/2011 9:14:00 AM	12/5/2011 9:28:15 AM
4CU2 --- 4BR1 (B184)	4BR1	4CU2	Fixed	0.006	0.019	-10800.200	8527.553	5552.883	296° 27'39"	14838.042	79.361	12/5/2011 7:54:00 AM	12/5/2011 9:28:15 AM
3BP2 --- 4BR1 (B185)	3BP2	4BR1	Fixed	0.006	0.032	-6920.612	8723.635	8113.607	314° 44'51"	13777.106	33.041	12/5/2011 7:56:30 AM	12/5/2011 9:28:15 AM
PP31 --- 4BR1 (B186)	4BR1	PP31	Fixed	0.010	0.017	5398.637	-4314.683	-2826.280	116° 51'43"	7466.197	-14.590	12/5/2011 9:02:30 AM	12/5/2011 9:28:15 AM
4DP1 --- 4BR1 (B187)	4DP1	4BR1	Fixed	0.006	0.019	-10050.578	-996.858	-7409.005	224° 59'24"	12525.352	-27.429	12/5/2011 8:03:30 AM	12/5/2011 9:28:15 AM
4EU2 --- 4BR1 (B188)	4EU2	4BR1	Fixed	0.006	0.018	10418.396	-14029.185	-13396.134	136° 37'10"	22017.252	-73.253	12/5/2011 7:39:00 AM	12/5/2011 9:28:15 AM
4BR1 --- BP29 (B189)	4BR1	BP29	Fixed	0.012	0.019	3786.493	-181.936	1995.172	56° 01'41"	4283.637	-4.181	12/5/2011 9:20:30 AM	12/5/2011 9:28:15 AM

PP25 --- 4BR1 (B190)	4BR1	PP25	Fixed	0.007	0.013	4413.822	-161.192	2394.563	55° 06'48"	5023.869	-5.603	12/5/2011 8:45:00 AM	12/5/2011 9:28:15 AM
BP2 --- PP26 (B191)	BP2	PP26	Fixed	0.006	0.010	-822.224	2152.930	2525.670	332° 04'26"	3418.916	7.996	12/5/2011 10:24:15 AM	12/5/2011 11:05:00 AM
PP29 --- BP2 (B192)	PP29	BP2	Fixed	0.002	0.003	-370.424	-242.083	-572.517	199° 51'03"	723.519	-8.056	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
BP2 --- PP30 (B193)	BP2	PP30	Fixed	0.004	0.006	-721.166	440.855	191.131	285° 10'58"	866.536	3.101	12/5/2011 10:44:30 AM	12/5/2011 11:05:00 AM
PP28 --- BP2 (B194)	PP28	BP2	Fixed	0.006	0.010	3808.780	-1967.783	-489.282	97° 43'28"	4314.689	-7.854	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
BP3 --- BP2 (B195)	BP3	BP2	Fixed	0.004	0.007	1973.790	-1563.144	-1015.385	116° 31'00"	2714.689	-6.199	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
4CU2 --- BP2 (B196)	4CU2	BP2	Fixed	0.008	0.015	15744.099	-11478.669	-6745.293	112° 50'31"	20617.499	-93.141	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
3BP2 --- BP2 (B197)	3BP2	BP2	Fixed	0.008	0.014	-1976.710	5772.514	6921.189	333° 45'14"	9226.269	19.260	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
PP31 --- BP2 (B198)	PP31	BP2	Fixed	0.004	0.008	-454.736	1363.569	1633.863	334° 01'15"	2176.044	0.804	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
BP4 --- BP2 (B199)	BP4	BP2	Fixed	0.006	0.010	2372.754	-2793.371	-2498.970	132° 19'24"	4435.736	-10.104	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
4DP1 --- BP2 (B200)	4DP1	BP2	Fixed	0.008	0.014	-5106.672	-3947.961	-8601.423	197° 02'11"	10753.405	-41.226	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
4EU2 --- BP2 (B201)	4EU2	BP2	Fixed	0.008	0.014	15362.293	-16980.314	-14588.546	129° 53'26"	27149.056	-87.024	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
BP29 --- BP2 (B202)	BP29	BP2	Fixed	0.006	0.010	1157.413	-2769.151	-3187.606	150° 33'18"	4377.980	-9.637	12/5/2011 10:12:45 AM	12/5/2011 10:49:30 AM

PP25 --- BP2 (B203)	PP25	BP2	Fixed	0.007	0.010	530.085	-2789.891	-3586.998	159° 45'11"	4574.820	-8.220	12/5/2011 10:12:45 AM	12/5/2011 11:00:00 AM
BP6 --- PP22 (B204)	BP6	PP22	Fixed	0.003	0.004	1319.848	198.033	1064.027	41° 43'11"	1706.774	2.508	12/5/2011 12:59:00 PM	12/5/2011 2:00:45 PM
BP6 --- BP28 (B205)	BP6	BP28	Fixed	0.004	0.006	-401.239	1251.331	1511.425	334° 33'02"	2002.698	5.425	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
PP19 --- BP6 (B206)	PP19	BP6	Fixed	0.004	0.016	2350.122	-1368.036	-520.326	102° 53'40"	2768.484	-8.306	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
BP9 --- BP6 (B207)	BP9	BP6	Fixed	0.002	0.004	1374.006	-839.972	-360.113	105° 02'47"	1650.102	-4.809	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
4CU2 --- BP6 (B208)	4CU2	BP6	Fixed	0.006	0.080	14943.237	-7201.519	-1241.501	94° 54'06"	16633.305	-80.385	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
3BP2 --- BP6 (B209)	3BP2	BP6	Fixed	0.006	0.027	-2777.567	10049.675	12424.988	336° 24'11"	16219.304	32.009	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
PP24 --- BP6 (B210)	PP24	BP6	Fixed	0.002	0.008	-572.265	775.230	743.860	316° 57'47"	1217.228	2.481	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
PP21 --- BP6 (B211)	PP21	BP6	Fixed	0.004	0.017	928.115	-1943.216	-2166.281	148° 01'38"	3054.383	-8.818	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
4DP1 --- BP6 (B212)	4DP1	BP6	Fixed	0.010	0.029	-5907.516	329.201	-3097.628	236° 25'10"	6678.104	-28.483	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
4EU2 --- BP6 (B213)	4EU2	BP6	Fixed	0.006	0.094	14561.431	-12703.152	-9084.754	120° 28'40"	21351.423	-74.278	12/5/2011 12:42:15 PM	12/5/2011 2:05:30 PM
BP6 --- PP20 (B214)	BP6	PP20	Fixed	0.004	0.018	-1830.311	1838.837	1484.931	306° 24'59"	2989.216	8.832	12/5/2011 12:50:00 PM	12/5/2011 2:05:30 PM
BP6 --- PP25 (B215)	BP6	PP25	Fixed	0.006	0.010	270.767	-1487.252	-1916.795	160° 02'22"	2441.052	-4.539	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM

BP12 --- PP18 (B216)	BP12	PP18	Fixed	0.008	0.013	2470.552	-2252.966	-1683.854	122° 28'05"	3743.427	-12.792	12/5/2011 4:02:00 PM	12/5/2011 4:21:45 PM
BP12 --- PP23 (B217)	BP12	PP23	Fixed	0.011	0.017	7783.701	-4484.852	-1643.865	102° 20'52"	9131.996	-20.676	12/5/2011 3:09:00 PM	12/5/2011 3:28:30 PM
BP12 --- PP11 (B218)	BP12	PP11	Fixed	0.003	0.005	-145.554	548.266	678.329	336° 41'44"	884.209	1.845	12/5/2011 3:58:30 PM	12/5/2011 4:21:30 PM
4CU2 --- BP12 (B219)	4CU2	BP12	Fixed	0.007	0.028	9183.250	-3752.617	164.524	88° 36'27"	9921.023	-59.065	12/5/2011 3:09:00 PM	12/5/2011 4:44:45 PM
3BP2 --- BP12 (B220)	3BP2	BP12	Fixed	0.006	0.025	-8537.550	13498.588	13831.009	321° 31'51"	21127.068	53.318	12/5/2011 3:09:00 PM	12/5/2011 4:44:45 PM
PP21 --- BP12 (B222)	PP21	BP12	Fixed	0.006	0.023	-4831.872	1505.681	-760.255	259° 39'41"	5117.540	12.507	12/5/2011 3:09:00 PM	12/5/2011 4:35:15 PM
4DP1 --- BP12 (B223)	4DP1	BP12	Fixed	0.008	0.028	-11667.523	3778.068	-1691.592	260° 37'37"	12379.427	-7.124	12/5/2011 3:09:00 PM	12/5/2011 4:44:45 PM
4EU2 --- BP12 (B224)	4EU2	BP12	Fixed	0.007	0.030	8801.439	-9254.267	-7678.718	127° 58'23"	14901.067	-52.937	12/5/2011 3:09:00 PM	12/5/2011 4:44:45 PM
BP27 --- BP12 (B225)	BP27	BP12	Fixed	0.006	0.020	-3221.387	1137.838	-320.009	263° 29'21"	3431.199	9.165	12/5/2011 3:09:00 PM	12/5/2011 4:27:15 PM
BP12 --- BP10 (B226)	BP12	BP10	Fixed	0.005	0.021	3499.259	-515.945	1352.676	64° 33'00"	3786.715	-7.303	12/5/2011 3:09:00 PM	12/5/2011 4:21:30 PM
BP1 --- BP2 (B227)	BP1	BP2	Fixed	0.003	0.005	-109.803	919.503	1224.434	342° 29'34"	1535.104	3.991	12/5/2011 10:12:45 AM	12/5/2011 11:05:00 AM
BP1 --- PP26 (B228)	BP1	PP26	Fixed	0.007	0.012	-932.024	3072.440	3750.102	335° 17'59"	4936.535	11.979	12/5/2011 10:24:15 AM	12/5/2011 11:11:15 AM
PP29 --- BP1 (B229)	PP29	BP1	Fixed	0.003	0.014	-260.623	-1161.592	-1796.946	174° 14'40"	2155.377	-12.038	12/5/2011 9:40:00 AM	12/5/2011 11:07:00 AM

BP1 --- PP30 (B230)	BP1	PP30	Fixed	0.006	0.011	-830.973	1360.357	1415.565	322° 29'18"	2131.768	7.094	12/5/2011 10:44:30 AM	12/5/2011 11:06:00 AM
BP1 --- PP28 (B231)	BP1	PP28	Fixed	0.007	0.028	-3918.573	2887.312	1713.702	293° 21'37"	5160.030	11.813	12/5/2011 10:06:45 AM	12/5/2011 11:13:30 AM
BP3 --- BP1 (B232)	BP3	BP1	Fixed	0.005	0.021	2083.585	-2482.673	-2239.805	132° 47'00"	3939.562	-10.159	12/5/2011 9:40:00 AM	12/5/2011 11:13:30 AM
4CU2 --- BP1 (B233)	4CU2	BP1	Fixed	0.007	0.029	15853.885	-12398.204	-7969.717	115° 56'06"	21645.281	-97.096	12/5/2011 9:40:00 AM	12/5/2011 11:13:30 AM
3BP2 --- BP1 (B234)	3BP2	BP1	Fixed	0.008	0.030	-1866.910	4853.002	5696.755	332° 01'00"	7712.612	15.277	12/5/2011 9:40:00 AM	12/5/2011 11:13:30 AM
PP31 --- BP1 (B235)	PP31	BP1	Fixed	0.002	0.003	-344.930	444.071	409.426	315° 02'20"	695.524	-3.193	12/5/2011 9:40:00 AM	12/5/2011 11:13:30 AM
BP1 --- BP4 (B236)	BP1	BP4	Fixed	0.006	0.027	-2482.547	3712.904	3723.388	319° 57'54"	5814.542	14.059	12/5/2011 9:48:00 AM	12/5/2011 11:05:15 AM
4DP1 --- BP1 (B237)	4DP1	BP1	Fixed	0.008	0.031	-4996.883	-4867.493	-9825.844	192° 53'43"	12049.568	-45.182	12/5/2011 9:40:00 AM	12/5/2011 11:13:30 AM
4EU2 --- BP1 (B238)	4EU2	BP1	Fixed	0.005	0.027	15472.073	-17899.858	-15812.960	131° 33'02"	28456.042	-90.964	12/5/2011 9:40:00 AM	12/5/2011 11:13:30 AM
BP1 --- BP29 (B239)	BP1	BP29	Fixed	0.006	0.028	-1267.206	3688.681	4412.022	333° 39'28"	5888.518	13.594	12/5/2011 9:40:00 AM	12/5/2011 10:49:30 AM
PP25 --- BP1 (B240)	PP25	BP1	Fixed	0.006	0.027	639.878	-3709.424	-4811.414	160° 26'18"	6108.625	-12.173	12/5/2011 9:40:00 AM	12/5/2011 11:00:00 AM
BP6 --- BP5 (B241)	BP6	BP5	Fixed	0.003	0.004	-1026.755	-262.641	-975.559	215° 43'13"	1440.389	0.184	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
PP22 --- BP5 (B242)	PP22	BP5	Fixed	0.005	0.008	-2346.605	-460.674	-2039.587	218° 58'51"	3142.883	-2.324	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM

BP5 --- BP28 (B243)	BP5	BP28	Fixed	0.005	0.008	625.517	1513.974	2486.982	359° 37'01"	2977.845	5.238	12/5/2011 1:24:00 PM	12/5/2011 2:00:00 PM
PP19 --- BP5 (B244)	PP19	BP5	Fixed	0.004	0.007	1323.368	-1630.678	-1495.885	133° 53'26"	2578.247	-8.121	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
BP9 --- BP5 (B245)	BP9	BP5	Fixed	0.003	0.005	347.251	-1102.615	-1335.671	154° 46'29"	1766.361	-4.623	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
4CU2 --- BP5 (B246)	4CU2	BP5	Fixed	0.008	0.036	13916.493	-7464.127	-2217.085	99° 21'20"	15945.633	-80.243	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
3BP2 --- BP5 (B247)	3BP2	BP5	Fixed	0.007	0.012	-3804.317	9787.053	11449.415	331° 49'39"	15534.638	32.170	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
PP24 --- BP5 (B248)	PP24	BP5	Fixed	0.004	0.015	-1599.020	512.582	-231.696	260° 30'12"	1694.993	2.673	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
PP21 --- BP5 (B249)	PP21	BP5	Fixed	0.006	0.009	-98.641	-2205.864	-3141.839	168° 19'55"	3839.945	-8.627	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
4DP1 --- BP5 (B250)	4DP1	BP5	Fixed	0.013	0.014	-6934.274	66.558	-4073.186	232° 47'43"	8041.894	-28.296	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
4EU2 --- BP5 (B251)	4EU2	BP5	Fixed	0.008	0.034	13534.683	-12965.773	-10060.332	124° 20'42"	21270.983	-74.121	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
PP20 --- BP5 (B252)	PP20	BP5	Fixed	0.005	0.008	803.558	-2101.478	-2460.493	151° 59'51"	3333.880	-8.650	12/5/2011 1:15:15 PM	12/5/2011 2:00:00 PM
BP5 --- PP25 (B253)	BP5	PP25	Fixed	0.005	0.009	1297.522	-1224.609	-941.237	123° 53'37"	2017.112	-4.725	12/5/2011 1:41:30 PM	12/5/2011 1:59:45 PM
BP12 --- BP11 (B254)	BP12	BP11	Fixed	0.004	0.006	1710.618	-976.417	-350.101	101° 58'43"	2000.429	-6.572	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
BP11 --- PP18 (B255)	BP11	PP18	Fixed	0.005	0.008	759.935	-1276.544	-1333.752	143° 00'45"	1996.376	-6.223	12/5/2011 4:02:00 PM	12/5/2011 4:21:15 PM

BP11 --- PP11 (B256)	BP11	PP11	Fixed	0.006	0.009	-1856.170	1524.686	1028.431	298° 01'36"	2612.839	8.415	12/5/2011 3:58:30 PM	12/5/2011 4:21:15 PM
4CU2 --- BP11 (B257)	4CU2	BP11	Fixed	0.009	0.013	10893.877	-4729.027	-185.586	90° 49'49"	11876.642	-65.651	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
3BP2 --- BP11 (B258)	3BP2	BP11	Fixed	0.008	0.012	-6826.926	12522.171	13480.906	325° 14'48"	19624.167	46.742	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
BP8 --- BP11 (B259)	BP8	BP11	Fixed	0.003	0.005	1026.512	45.416	672.328	48° 55'21"	1227.868	-1.671	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
PP21 --- BP11 (B260)	PP21	BP11	Fixed	0.006	0.008	-3121.249	529.269	-1110.358	246° 33'26"	3354.704	5.928	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
4DP1 --- BP11 (B261)	4DP1	BP11	Fixed	0.010	0.017	-9956.889	2801.672	-2041.712	256° 39'09"	10542.573	-13.728	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
4EU2 --- BP11 (B262)	4EU2	BP11	Fixed	0.010	0.014	10512.069	-10230.677	-8028.837	124° 57'36"	16721.185	-59.528	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
BP27 --- BP11 (B263)	BP27	BP11	Fixed	0.003	0.005	-1510.764	161.428	-670.118	241° 00'11"	1660.494	2.582	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
BP10 --- BP11 (B264)	BP10	BP11	Fixed	0.005	0.007	-1788.634	-460.461	-1702.786	215° 37'23"	2511.986	0.715	12/5/2011 3:39:00 PM	12/5/2011 4:21:15 PM
BP30 --- PP16 (B265)	BP30	PP16	Fixed	0.002	0.003	726.139	-582.410	-383.558	117° 02'04"	1006.721	-3.041	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
PP10 --- BP15 (B266)	PP10	BP15	Fixed	0.002	0.005	30.194	992.299	1400.900	347° 46'37"	1716.907	2.595	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
BP26 --- PP13 (B267)	BP26	PP13	Fixed	0.003	0.005	-163.996	468.754	558.599	333° 20'53"	747.391	2.803	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
BP15 --- BP24 (B268)	BP15	BP24	Fixed	0.003	0.020	-1409.183	1265.813	931.320	301° 47'16"	2110.662	7.872	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM

PP10 --- BP24 (B269)	PP10	BP24	Fixed	0.005	0.028	-1378.986	2258.116	2332.217	322° 17'02"	3526.823	10.462	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
BP26 --- PP12 (B270)	BP26	PP12	Fixed	0.004	0.006	-1711.223	936.639	294.984	280° 12'06"	1972.851	6.894	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
PP12 --- PP13 (B271)	PP12	PP13	Fixed	0.005	0.008	1547.228	-467.886	263.612	78° 46'19"	1637.690	-4.092	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
PP16 --- PP14 (B272)	PP16	PP14	Fixed	0.009	0.014	-2715.856	2876.874	2409.870	308° 26'02"	4632.210	14.372	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
BP30 --- PP14 (B273)	BP30	PP14	Fixed	0.008	0.012	-1989.716	2294.464	2026.308	311° 33'05"	3650.750	11.328	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
BP16 --- PP12 (B274)	BP16	PP12	Fixed	0.007	0.010	3760.160	-1285.606	437.045	82° 21'35"	3997.599	-9.997	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
BP16 --- BP24 (B275)	BP16	BP24	Fixed	0.003	0.005	195.776	869.233	1330.084	354° 09'02"	1600.851	3.719	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
BP16 --- BP26 (B276)	BP16	BP26	Fixed	0.008	0.013	5471.384	-2222.244	142.062	88° 13'20"	5906.830	-16.892	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
BP16 --- BP15 (B277)	BP16	BP15	Fixed	0.002	0.005	1604.959	-396.580	398.763	73° 34'14"	1700.546	-4.155	12/7/2011 10:58:00 AM	12/7/2011 12:31:00 PM
BP16 --- PP13 (B278)	BP16	PP13	Fixed	0.011	0.017	5307.390	-1753.489	700.656	81° 18'38"	5632.982	-14.093	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
BP16 --- PP10 (B279)	BP16	PP10	Fixed	0.003	0.017	1574.766	-1388.878	-1002.139	120° 57'47"	2326.484	-6.752	12/7/2011 10:58:00 AM	12/7/2011 12:39:00 PM
BP8 --- PP14 (B280)	BP8	PP14	Fixed	0.004	0.006	-1193.192	56.479	-628.947	235° 59'03"	1349.918	1.995	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
PP16 --- BP8 (B281)	PP16	BP8	Fixed	0.006	0.009	-1522.663	2820.398	3038.816	325° 22'33"	4416.494	12.373	12/7/2011 8:32:45 AM	12/7/2011 9:30:30 AM

BP30 --- BP8 (B282)	BP30	BP8	Fixed	0.005	0.022	-796.525	2237.984	2655.258	333° 04'43"	3562.590	9.336	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
PP8 --- BP16 (B283)	PP8	BP16	Fixed	0.002	0.003	1244.632	131.925	921.231	44° 36'40"	1553.999	-2.528	12/7/2011 10:58:00 AM	12/7/2011 2:26:00 PM
PP8 --- PP12 (B284)	PP8	PP12	Fixed	0.008	0.012	5004.794	-1153.682	1358.276	72° 02'18"	5312.315	-12.525	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
PP8 --- BP24 (B285)	PP8	BP24	Fixed	0.004	0.024	1440.407	1001.162	2251.313	18° 58'35"	2853.877	1.187	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
PP8 --- BP26 (B286)	PP8	BP26	Fixed	0.008	0.013	6716.018	-2090.318	1063.292	79° 33'00"	7113.312	-19.421	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
PP8 --- BP15 (B287)	PP8	BP15	Fixed	0.003	0.021	2849.590	-264.653	1319.993	59° 45'13"	3151.424	-6.685	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
PP8 --- PP13 (B288)	PP8	PP13	Fixed	0.011	0.018	6552.024	-1621.563	1621.885	73° 36'59"	6941.442	-16.623	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
PP8 --- PP10 (B289)	PP8	PP10	Fixed	0.003	0.018	2819.396	-1256.951	-80.909	91° 40'42"	3087.776	-9.281	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM
BP8 --- PP17 (B290)	BP8	PP17	Fixed	0.006	0.010	2449.031	-2594.923	-2173.902	128° 25'39"	4177.955	-12.641	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
PP17 --- PP14 (B291)	PP17	PP14	Fixed	0.009	0.014	-3642.223	2651.401	1544.954	292° 46'04"	4762.362	14.636	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
PP16 --- PP17 (B292)	PP16	PP17	Fixed	0.003	0.005	926.368	225.476	864.912	36° 20'50"	1287.208	-0.269	12/7/2011 8:45:45 AM	12/7/2011 9:30:30 AM
BP30 --- PP17 (B293)	BP30	PP17	Fixed	0.003	0.005	1652.507	-356.934	481.353	70° 45'30"	1757.715	-3.310	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
PP8 --- BP25 (B294)	PP8	BP25	Fixed	0.004	0.014	2935.675	-1685.703	-611.195	102° 09'43"	3439.760	-11.293	12/7/2011 11:31:30 AM	12/7/2011 2:41:45 PM

BP16 --- BP25 (B295)	BP16	BP25	Fixed	0.003	0.013	1691.042	-1817.630	-1532.425	128° 52'51"	2917.317	-8.762	12/7/2011 11:31:30 AM	12/7/2011 2:26:00 PM
BP25 --- PP12 (B296)	BP25	PP12	Fixed	0.005	0.008	2069.119	532.030	1969.465	35° 36'25"	2905.548	-1.243	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
BP25 --- BP24 (B297)	BP25	BP24	Fixed	0.005	0.010	-1495.269	2686.864	2862.505	324° 36'07"	4200.827	12.479	12/7/2011 11:31:30 AM	12/7/2011 12:31:00 PM
BP25 --- BP26 (B298)	BP25	BP26	Fixed	0.007	0.011	3780.342	-404.607	1674.483	61° 00'19"	4154.121	-8.137	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
BP25 --- BP15 (B299)	BP25	BP15	Fixed	0.003	0.007	-86.086	1421.049	1931.185	344° 32'40"	2399.090	4.607	12/7/2011 11:31:30 AM	12/7/2011 12:31:00 PM
BP25 --- PP13 (B300)	BP25	PP13	Fixed	0.009	0.015	3616.347	64.146	2233.074	50° 53'12"	4250.504	-5.337	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
BP25 --- PP10 (B301)	BP25	PP10	Fixed	0.001	0.003	-116.279	428.750	530.285	336° 29'42"	691.733	2.012	12/7/2011 11:31:30 AM	12/7/2011 12:39:00 PM
PP27 --- PP17 (B302)	PP27	PP17	Fixed	0.004	0.007	255.540	1355.215	2048.744	353° 04'09"	2469.541	5.264	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
PP27 --- BP8 (B303)	PP27	BP8	Fixed	0.007	0.030	-2193.497	3950.133	4222.653	324° 44'20"	6183.981	17.915	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
PP27 --- PP14 (B304)	PP27	PP14	Fixed	0.010	0.016	-3386.687	4006.618	3593.698	312° 29'06"	6358.682	19.899	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
PP27 --- PP16 (B305)	PP27	PP16	Fixed	0.003	0.005	-670.828	1129.739	1183.832	323° 07'57"	1768.457	5.533	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
BP30 --- PP27 (B306)	BP30	PP27	Fixed	0.004	0.016	1396.969	-1712.148	-1567.392	133° 42'58"	2709.038	-8.576	12/7/2011 8:08:00 AM	12/7/2011 9:37:45 AM
BP25 --- PP9 (B307)	BP25	PP9	Fixed	0.003	0.012	-1791.569	-91.648	-1192.643	228° 22'37"	2154.071	1.908	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM

PP8 --- PP9 (B308)	PP8	PP9	Fixed	0.003	0.015	1144.105	-1777.353	-1803.834	140° 53'22"	2778.644	-9.380	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
BP16 --- PP9 (B309)	BP16	PP9	Fixed	0.004	0.017	-100.526	-1909.277	-2725.066	168° 32'40"	3328.692	-6.854	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
PP9 --- PP12 (B310)	PP9	PP12	Fixed	0.008	0.012	3860.690	623.679	3162.109	41° 01'49"	5028.932	-3.151	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
PP9 --- BP24 (B311)	PP9	BP24	Fixed	0.010	0.019	296.303	2778.520	4055.145	350° 22'06"	4924.373	10.561	12/7/2011 12:11:15 PM	12/7/2011 12:31:00 PM
PP9 --- BP26 (B312)	PP9	BP26	Fixed	0.008	0.012	5571.914	-312.955	2867.125	56° 41'27"	6273.784	-10.050	12/7/2011 1:18:00 PM	12/7/2011 1:55:30 PM
PP9 --- BP15 (B313)	PP9	BP15	Fixed	0.009	0.016	1705.485	1512.705	3123.824	14° 31'53"	3866.993	2.690	12/7/2011 12:11:15 PM	12/7/2011 12:31:00 PM
PP9 --- PP13 (B314)	PP9	PP13	Fixed	0.011	0.018	5407.919	155.796	3425.719	50° 01'59"	6403.208	-7.247	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
PP10 --- PP9 (B315)	PP10	PP9	Fixed	0.006	0.010	-1675.290	-520.401	-1722.928	212° 51'58"	2458.710	-0.102	12/7/2011 12:11:15 PM	12/7/2011 12:39:00 PM
BP7 --- PP27 (B316)	BP7	PP27	Fixed	0.005	0.021	1130.170	-2549.944	-2897.319	149° 28'31"	4021.469	-11.439	12/7/2011 8:08:00 AM	12/7/2011 9:40:15 AM
BP7 --- PP17 (B317)	BP7	PP17	Fixed	0.004	0.006	1385.708	-1194.730	-848.572	120° 08'33"	2016.729	-6.172	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
BP7 --- BP8 (B318)	BP7	BP8	Fixed	0.004	0.016	-1063.323	1400.189	1325.331	316° 01'48"	2201.625	6.472	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
BP7 --- PP14 (B319)	BP7	PP14	Fixed	0.006	0.010	-2256.514	1456.669	696.382	287° 23'47"	2774.497	8.465	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
BP7 --- PP16 (B320)	BP7	PP16	Fixed	0.004	0.016	459.344	-1420.198	-1713.490	154° 25'01"	2272.324	-5.914	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM

BP7 --- BP30 (B321)	BP7	BP30	Fixed	0.002	0.004	-266.800	-837.798	-1329.925	176° 57'41"	1594.215	-2.861	12/7/2011 7:59:30 AM	12/7/2011 9:37:45 AM
BP14 --- PP9 (B322)	BP14	PP9	Fixed	0.003	0.006	246.971	-643.449	-751.590	151° 51'59"	1019.701	-2.460	12/7/2011 12:11:15 PM	12/7/2011 12:47:15 PM
BP25 --- BP14 (B323)	BP25	BP14	Fixed	0.003	0.019	-2038.548	551.785	-441.044	255° 44'18"	2157.348	4.388	12/7/2011 11:31:30 AM	12/7/2011 12:47:15 PM
PP8 --- BP14 (B324)	PP8	BP14	Fixed	0.002	0.004	897.134	-1133.902	-1052.246	134° 39'36"	1788.131	-6.923	12/7/2011 10:12:45 AM	12/7/2011 12:47:15 PM
BP16 --- BP14 (B325)	BP16	BP14	Fixed	0.003	0.018	-347.496	-1265.831	-1973.476	175° 38'17"	2370.035	-4.391	12/7/2011 10:58:00 AM	12/7/2011 12:47:15 PM
BP14 --- BP24 (B326)	BP14	BP24	Fixed	0.005	0.030	543.273	2135.067	3303.557	355° 02'22"	3970.563	8.105	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
BP14 --- BP15 (B327)	BP14	BP15	Fixed	0.003	0.022	1952.458	869.257	2372.235	27° 01'41"	3192.821	0.229	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
BP14 --- PP10 (B328)	BP14	PP10	Fixed	0.003	0.015	1922.263	-123.045	971.336	57° 16'26"	2157.134	-2.362	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM
PP15 --- BP14 (B329)	PP15	BP14	Fixed	0.003	0.015	-1012.638	1927.447	2090.483	325° 56'11"	3018.208	8.397	12/7/2011 10:07:15 AM	12/7/2011 12:47:15 PM
PP15 --- BP7 (B330)	PP15	BP7	Fixed	0.006	0.009	3955.146	-1189.180	686.206	78° 34'03"	4186.444	-9.770	12/7/2011 8:58:45 AM	12/7/2011 9:47:15 AM
PP15 --- PP9 (B331)	PP15	PP9	Fixed	0.003	0.012	-765.674	1283.988	1338.898	322° 55'19"	2006.757	5.948	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
PP15 --- PP27 (B332)	PP15	PP27	Fixed	0.007	0.012	5085.315	-3739.131	-2211.107	113° 11'22"	6687.718	-21.200	12/7/2011 8:58:45 AM	12/7/2011 9:40:15 AM
PP15 --- BP25 (B333)	PP15	BP25	Fixed	0.004	0.014	1025.897	1375.640	2531.540	7° 31'16"	3058.194	4.037	12/7/2011 11:31:30 AM	12/7/2011 2:22:00 PM

PP15 --- PP17 (B334)	PP15	PP17	Fixed	0.008	0.013	5340.854	-2383.915	-162.364	91° 47'03"	5850.676	-15.937	12/7/2011 8:58:45 AM	12/7/2011 9:30:45 AM
PP15 --- PP8 (B335)	PP15	PP8	Fixed	0.004	0.015	-1909.778	3061.344	3142.736	321° 45'07"	4784.684	15.328	12/7/2011 10:12:45 AM	12/7/2011 2:22:00 PM
PP15 --- BP8 (B336)	PP15	BP8	Fixed	0.006	0.010	2891.822	211.010	2011.538	46° 50'34"	3528.759	-3.298	12/7/2011 8:58:45 AM	12/7/2011 9:35:45 AM
PP15 --- BP16 (B337)	PP15	BP16	Fixed	0.004	0.018	-665.145	3193.272	4063.966	338° 57'54"	5210.775	12.797	12/7/2011 10:58:00 AM	12/7/2011 2:22:00 PM
PP15 --- PP14 (B338)	PP15	PP14	Fixed	0.005	0.008	1698.629	267.491	1382.589	41° 16'26"	2206.340	-1.305	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
PP15 --- PP12 (B339)	PP15	PP12	Fixed	0.008	0.013	3095.019	1907.671	4501.006	21° 11'46"	5785.663	2.792	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
PP15 --- BP24 (B340)	PP15	BP24	Fixed	0.006	0.038	-469.368	4062.508	5394.046	342° 31'10"	6768.667	16.511	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
PP15 --- BP26 (B341)	PP15	BP26	Fixed	0.008	0.013	4806.242	971.035	4206.026	38° 38'24"	6459.814	-4.101	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
PP15 --- BP15 (B342)	PP15	BP15	Fixed	0.005	0.029	939.819	2796.704	4462.720	357° 26'16"	5349.541	8.626	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
PP15 --- PP16 (B343)	PP15	PP16	Fixed	0.008	0.012	4414.485	-2609.388	-1027.279	103° 28'59"	5229.614	-15.672	12/7/2011 8:58:45 AM	12/7/2011 9:30:30 AM
PP15 --- PP13 (B344)	PP15	PP13	Fixed	0.011	0.018	4642.248	1439.790	4764.614	32° 54'49"	6805.894	-1.306	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
PP15 --- PP10 (B345)	PP15	PP10	Fixed	0.003	0.020	909.625	1804.402	3061.821	1° 56'35"	3668.321	6.035	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM
PP15 --- BP30 (B346)	PP15	BP30	Fixed	0.006	0.010	3688.345	-2026.977	-643.717	100° 18'44"	4257.334	-12.629	12/7/2011 8:58:45 AM	12/7/2011 9:37:45 AM

4CU2 --- PP15 (B347)	4CU2	PP15	Fixed	0.004	0.016	6975.383	-4985.818	-2869.191	112° 03'46"	9040.672	-60.708	12/7/2011 8:58:45 AM	12/7/2011 2:22:00 PM
4CU2 --- BP14 (B348)	4CU2	BP14	Fixed	0.005	0.022	5962.743	-3058.372	-778.705	97° 38'29"	6745.846	-52.309	12/7/2011 10:07:15 AM	12/7/2011 12:47:15 PM
4CU2 --- BP7 (B349)	4CU2	BP7	Fixed	0.006	0.026	10930.532	-6175.000	-2182.985	101° 36'07"	12741.649	-70.477	12/7/2011 8:03:30 AM	12/7/2011 9:47:15 AM
4CU2 --- PP9 (B350)	4CU2	PP9	Fixed	0.006	0.025	6209.712	-3701.826	-1530.292	104° 04'00"	7388.955	-54.763	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
4CU2 --- PP27 (B351)	4CU2	PP27	Fixed	0.006	0.027	12060.701	-8724.960	-5080.296	112° 31'15"	15727.718	-81.900	12/7/2011 8:08:00 AM	12/7/2011 9:40:15 AM
4CU2 --- BP25 (B352)	4CU2	BP25	Fixed	0.005	0.021	8001.286	-3610.173	-337.652	92° 22'22"	8783.849	-56.678	12/7/2011 11:31:30 AM	12/7/2011 2:41:45 PM
4CU2 --- PP17 (B353)	4CU2	PP17	Fixed	0.008	0.012	12316.240	-7369.744	-3031.549	104° 05'53"	14668.457	-76.634	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
4CU2 --- PP8 (B354)	4CU2	PP8	Fixed	0.004	0.016	5065.605	-1924.466	273.542	86° 12'15"	5425.249	-45.387	12/7/2011 10:12:45 AM	12/7/2011 2:44:00 PM
4CU2 --- BP8 (B355)	4CU2	BP8	Fixed	0.006	0.027	9867.199	-4774.817	-857.640	95° 06'49"	10994.472	-63.989	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
4CU2 --- BP16 (B356)	4CU2	BP16	Fixed	0.005	0.019	6310.237	-1792.543	1194.775	77° 17'51"	6667.265	-47.912	12/7/2011 10:58:00 AM	12/7/2011 2:26:00 PM
4CU2 --- PP14 (B357)	4CU2	PP14	Fixed	0.011	0.017	8674.008	-4718.327	-1486.598	100° 00'54"	9984.787	-62.009	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
4CU2 --- PP12 (B358)	4CU2	PP12	Fixed	0.009	0.014	10070.407	-3078.145	1631.816	79° 10'49"	10655.268	-57.918	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
4CU2 --- BP24 (B359)	4CU2	BP24	Fixed	0.006	0.039	6506.014	-923.306	2524.858	64° 14'48"	7039.032	-44.198	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM

4CU2 --- BP26 (B360)	4CU2	BP26	Fixed	0.009	0.014	11781.632	-4014.780	1336.833	82° 24'37"	12517.616	-64.815	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
4CU2 --- BP15 (B361)	4CU2	BP15	Fixed	0.005	0.033	7915.196	-2189.129	1593.542	76° 31'57"	8364.886	-52.061	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
4CU2 --- PP16 (B362)	4CU2	PP16	Fixed	0.007	0.032	11389.864	-7595.222	-3896.459	108° 54'08"	14232.733	-76.360	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
4CU2 --- PP13 (B363)	4CU2	PP13	Fixed	0.012	0.019	11617.638	-3546.023	1895.424	79° 07'03"	12292.909	-62.020	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
4CU2 --- PP10 (B364)	4CU2	PP10	Fixed	0.006	0.030	7885.004	-3181.420	192.634	88° 10'39"	8504.156	-54.666	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM
4CU2 --- BP30 (B365)	4CU2	BP30	Fixed	0.006	0.027	10663.725	-7012.808	-3512.902	108° 17'30"	13236.701	-73.323	12/7/2011 8:03:30 AM	12/7/2011 9:37:45 AM
3BP2 --- BP14 (B368)	3BP2	BP14	Fixed	0.005	0.025	-11758.072	14192.801	12887.789	313° 15'28"	22488.456	60.108	12/7/2011 10:07:15 AM	12/7/2011 12:47:15 PM
3BP2 --- BP7 (B369)	3BP2	BP7	Fixed	0.005	0.024	-6790.283	11076.173	11483.512	322° 22'10"	17338.702	41.942	12/7/2011 7:26:30 AM	12/7/2011 9:47:15 AM
3BP2 --- PP9 (B370)	3BP2	PP9	Fixed	0.006	0.025	-11511.106	13549.339	12136.204	312° 23'14"	21525.097	57.662	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
3BP2 --- PP27 (B371)	3BP2	PP27	Fixed	0.006	0.027	-5660.113	8526.214	8586.197	320° 12'59"	13358.090	30.516	12/7/2011 8:08:00 AM	12/7/2011 9:40:15 AM
3BP2 --- PP17 (B373)	3BP2	PP17	Fixed	0.008	0.012	-5404.568	9881.438	10634.936	325° 11'06"	15489.688	35.768	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
3BP2 --- BP8 (B375)	3BP2	BP8	Fixed	0.006	0.027	-7853.611	12476.368	12808.850	321° 39'47"	19528.623	48.415	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
3BP2 --- PP14 (B377)	3BP2	PP14	Fixed	0.010	0.016	-9046.803	12532.848	12179.891	317° 44'28"	19678.093	50.402	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM

3BP2 --- PP12 (B378)	3BP2	PP12	Fixed	0.010	0.013	-7650.403	14173.050	15298.297	325° 28'10"	22212.425	54.473	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
3BP2 --- BP24 (B379)	3BP2	BP24	Fixed	0.006	0.040	-11214.808	16327.854	16191.363	319° 12'17"	25582.468	68.238	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
3BP2 --- BP15 (B381)	3BP2	BP15	Fixed	0.005	0.032	-9805.622	15062.046	15260.040	320° 43'58"	23575.986	60.358	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
3BP2 --- PP16 (B382)	3BP2	PP16	Fixed	0.007	0.032	-6330.952	9655.949	9770.036	320° 33'47"	15124.460	36.059	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
3BP2 --- PP13 (B383)	3BP2	PP13	Fixed	0.015	0.019	-6103.175	13705.177	15561.899	329° 27'26"	21614.958	50.366	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
3BP2 --- PP10 (B384)	3BP2	PP10	Fixed	0.005	0.030	-9835.819	14069.748	13859.135	318° 41'57"	22061.883	57.761	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM
3BP2 --- BP30 (B385)	3BP2	BP30	Fixed	0.006	0.026	-7057.089	10238.367	10153.590	319° 07'56"	16052.925	39.091	12/7/2011 7:59:30 AM	12/7/2011 9:37:45 AM
4BR1 --- 4CU2 (B387)	4BR1	4CU2	Fixed	0.004	0.014	-10800.201	8527.548	5552.883	296° 27'39"	14838.040	79.365	12/7/2011 8:03:30 AM	12/7/2011 2:59:15 PM
4BR1 --- PP15 (B388)	4BR1	PP15	Fixed	0.005	0.015	-3824.811	3541.722	2683.694	303° 07'48"	5862.708	18.662	12/7/2011 8:58:45 AM	12/7/2011 2:22:00 PM
4BR1 --- BP14 (B389)	4BR1	BP14	Fixed	0.005	0.025	-4837.457	5469.165	4774.183	310° 50'48"	8723.361	27.067	12/7/2011 10:07:15 AM	12/7/2011 12:47:15 PM
4BR1 --- BP7 (B390)	4BR1	BP7	Fixed	0.004	0.019	130.329	2352.542	3369.904	348° 41'52"	4111.681	8.897	12/7/2011 7:26:30 AM	12/7/2011 9:47:15 AM
4BR1 --- PP9 (B391)	4BR1	PP9	Fixed	0.006	0.025	-4590.490	4825.707	4022.591	308° 08'51"	7780.391	24.614	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
4BR1 --- PP27 (B392)	4BR1	PP27	Fixed	0.002	0.003	1260.501	-197.400	472.583	65° 20'26"	1360.506	-2.547	12/7/2011 8:08:00 AM	12/7/2011 9:40:15 AM

4BR1 --- BP25 (B393)	4BR1	BP25	Fixed	0.006	0.022	-2798.913	4917.363	5215.235	324° 08'16"	7694.576	22.698	12/7/2011 11:31:30 AM	12/7/2011 2:41:45 PM
4BR1 --- PP17 (B394)	4BR1	PP17	Fixed	0.005	0.009	1516.041	1157.815	2521.327	17° 15'42"	3161.488	2.718	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
4BR1 --- PP8 (B395)	4BR1	PP8	Fixed	0.004	0.019	-5734.594	6603.072	5826.431	311° 30'11"	10508.132	33.988	12/7/2011 10:12:45 AM	12/7/2011 2:44:00 PM
4BR1 --- BP8 (B396)	4BR1	BP8	Fixed	0.007	0.030	-932.997	3752.730	4695.236	337° 25'56"	6082.330	15.371	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
4BR1 --- BP16 (B397)	4BR1	BP16	Fixed	0.005	0.021	-4489.960	6734.999	6747.662	319° 58'14"	10537.478	31.458	12/7/2011 10:58:00 AM	12/7/2011 2:26:00 PM
4BR1 --- PP14 (B398)	4BR1	PP14	Fixed	0.010	0.015	-2126.186	3809.213	4066.282	324° 36'47"	5963.348	17.358	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
4BR1 --- PP12 (B399)	4BR1	PP12	Fixed	0.009	0.014	-729.791	5449.412	7184.691	341° 52'13"	9046.528	21.434	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
4BR1 --- BP24 (B400)	4BR1	BP24	Fixed	0.007	0.041	-4294.189	7604.229	8077.744	324° 18'40"	11895.310	35.180	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
4BR1 --- BP26 (B401)	4BR1	BP26	Fixed	0.009	0.014	981.433	4512.773	6889.709	353° 57'19"	8293.930	14.541	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
4BR1 --- BP15 (B402)	4BR1	BP15	Fixed	0.005	0.034	-2885.003	6338.422	7146.420	328° 57'10"	9977.935	27.298	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
4BR1 --- PP16 (B403)	4BR1	PP16	Fixed	0.003	0.005	589.673	932.340	1656.415	5° 03'07"	1990.044	2.986	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
4BR1 --- PP13 (B404)	4BR1	PP13	Fixed	0.012	0.019	817.438	4981.536	7448.293	352° 16'49"	8997.360	17.329	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
4BR1 --- PP10 (B405)	4BR1	PP10	Fixed	0.005	0.028	-2915.197	5346.120	5745.522	325° 09'11"	8371.535	24.708	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM

4BR1 --- BP30 (B406)	4BR1	BP30	Fixed	0.003	0.015	-136.468	1514.749	2039.974	343° 31'41"	2544.385	6.028	12/7/2011 7:59:30 AM	12/7/2011 9:37:45 AM
4BR1 --- PP28 (B407)	4BR1	PP28	Fixed	0.002	0.003	1135.321	-982.844	-703.477	120° 23'09"	1658.165	-5.958	12/7/2011 7:21:15 AM	12/7/2011 9:49:15 AM
3BP2 --- PP28 (B408)	3BP2	PP28	Fixed	0.005	0.025	-5785.286	7740.784	7410.129	316° 40'32"	12177.232	27.087	12/7/2011 7:21:15 AM	12/7/2011 9:49:15 AM
4CU2 --- PP28 (B409)	4CU2	PP28	Fixed	0.005	0.025	11935.531	-9510.385	-6256.372	116° 46'35"	16492.714	-85.338	12/7/2011 8:03:30 AM	12/7/2011 9:49:15 AM
PP15 --- PP28 (B410)	PP15	PP28	Fixed	0.007	0.011	4960.139	-4524.573	-3387.172	122° 29'46"	7519.400	-24.618	12/7/2011 8:58:45 AM	12/7/2011 9:49:15 AM
PP28 --- BP7 (B411)	PP28	BP7	Fixed	0.005	0.022	-1004.996	3335.381	4073.386	335° 20'52"	5359.494	14.862	12/7/2011 7:26:30 AM	12/7/2011 9:47:15 AM
PP28 --- PP27 (B412)	PP28	PP27	Fixed	0.002	0.004	125.180	785.444	1176.059	352° 09'21"	1419.682	3.411	12/7/2011 8:08:00 AM	12/7/2011 9:40:15 AM
PP28 --- PP17 (B413)	PP28	PP17	Fixed	0.006	0.009	380.719	2140.657	3224.805	352° 44'12"	3889.108	8.678	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
PP28 --- BP8 (B414)	PP28	BP8	Fixed	0.007	0.032	-2068.324	4735.565	5398.724	329° 45'30"	7472.866	21.344	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
PP28 --- PP14 (B415)	PP28	PP14	Fixed	0.011	0.017	-3261.511	4792.057	4769.762	319° 25'14"	7506.377	23.318	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
PP28 --- PP16 (B416)	PP28	PP16	Fixed	0.004	0.020	-545.652	1915.176	2359.897	336° 01'22"	3087.673	8.954	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
PP28 --- BP30 (B417)	PP28	BP30	Fixed	0.004	0.020	-1271.793	2497.586	2743.456	326° 43'52"	3921.769	11.996	12/7/2011 7:59:30 AM	12/7/2011 9:37:45 AM
4DP1 --- PP28 (B418)	4DP1	PP28	Fixed	0.005	0.025	-8915.255	-1979.697	-8112.480	217° 26'23"	12214.626	-33.390	12/7/2011 7:21:15 AM	12/7/2011 9:49:15 AM

4DP1 --- 4BR1 (B419)	4DP1	4BR1	Fixed	0.005	0.014	-10050.578	-996.858	-7408.997	224° 59'25"	12525.347	-27.425	12/7/2011 6:57:30 AM	12/7/2011 2:31:00 PM
4DP1 --- 4CU2 (B421)	4DP1	4CU2	Fixed	0.004	0.012	-20850.784	7530.698	-1856.120	264° 14'06"	22245.289	51.932	12/7/2011 8:03:30 AM	12/7/2011 2:31:00 PM
4DP1 --- PP15 (B422)	4DP1	PP15	Fixed	0.005	0.016	-13875.393	2544.873	-4725.309	247° 40'51"	14876.431	-8.772	12/7/2011 8:58:45 AM	12/7/2011 2:22:00 PM
4DP1 --- BP14 (B423)	4DP1	BP14	Fixed	0.005	0.025	-14888.039	4472.312	-2634.823	258° 29'12"	15766.142	-0.364	12/7/2011 10:07:15 AM	12/7/2011 12:47:15 PM
4DP1 --- BP7 (B424)	4DP1	BP7	Fixed	0.005	0.025	-9920.253	1355.683	-4039.091	243° 26'59"	10795.886	-18.525	12/7/2011 7:26:30 AM	12/7/2011 9:47:15 AM
4DP1 --- PP9 (B425)	4DP1	PP9	Fixed	0.006	0.025	-14641.068	3828.862	-3386.410	254° 52'21"	15506.884	-2.823	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
4DP1 --- PP27 (B426)	4DP1	PP27	Fixed	0.006	0.029	-8790.084	-1194.271	-6936.406	222° 34'34"	11260.187	-29.954	12/7/2011 8:08:00 AM	12/7/2011 9:40:15 AM
4DP1 --- BP25 (B427)	4DP1	BP25	Fixed	0.006	0.022	-12849.493	3920.506	-2193.764	258° 54'35"	13611.498	-4.728	12/7/2011 11:31:30 AM	12/7/2011 2:31:00 PM
4DP1 --- PP17 (B428)	4DP1	PP17	Fixed	0.008	0.013	-8534.540	160.949	-4887.663	233° 34'34"	9835.803	-24.696	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
4DP1 --- PP8 (B429)	4DP1	PP8	Fixed	0.005	0.018	-15785.180	5606.216	-1582.566	263° 33'28"	16824.855	6.564	12/7/2011 10:12:45 AM	12/7/2011 2:31:00 PM
4DP1 --- BP8 (B430)	4DP1	BP8	Fixed	0.007	0.033	-10983.582	2755.872	-2713.757	253° 50'47"	11644.058	-12.049	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
4DP1 --- BP16 (B431)	4DP1	BP16	Fixed	0.005	0.021	-14540.545	5738.140	-661.335	267° 07'48"	15644.965	4.036	12/7/2011 10:58:00 AM	12/7/2011 2:26:00 PM
4DP1 --- PP14 (B432)	4DP1	PP14	Fixed	0.011	0.017	-12176.772	2812.358	-3342.710	252° 01'07"	12935.967	-10.064	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM

4DP1 --- PP12 (B433)	4DP1	PP12	Fixed	0.009	0.014	-10780.369	4452.560	-224.306	268° 43'53"	11665.230	-5.995	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
4DP1 --- BP24 (B434)	4DP1	BP24	Fixed	0.006	0.041	-14344.767	6607.375	668.740	272° 56'07"	15806.648	7.748	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
4DP1 --- BP26 (B435)	4DP1	BP26	Fixed	0.009	0.014	-9069.142	3515.927	-519.294	266° 24'41"	9740.159	-12.897	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
4DP1 --- BP15 (B436)	4DP1	BP15	Fixed	0.005	0.034	-12935.585	5341.558	-262.576	268° 45'04"	13996.776	-0.120	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
4DP1 --- PP16 (B437)	4DP1	PP16	Fixed	0.007	0.033	-9460.919	-64.529	-5752.574	231° 36'31"	11072.132	-24.421	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
4DP1 --- PP13 (B438)	4DP1	PP13	Fixed	0.012	0.019	-9233.139	3984.684	39.301	270° 20'03"	10055.815	-10.098	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
4DP1 --- PP10 (B439)	4DP1	PP10	Fixed	0.005	0.028	-12965.782	4349.255	-1663.472	261° 43'17"	13775.870	-2.708	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM
4DP1 --- BP30 (B440)	4DP1	BP30	Fixed	0.006	0.028	-10187.059	517.878	-5369.012	236° 09'59"	11526.341	-21.376	12/7/2011 7:59:30 AM	12/7/2011 9:37:45 AM
4DP1 --- BP13 (B441)	4DP1	BP13	Fixed	0.005	0.021	-12852.432	2610.331	-4028.772	249° 27'23"	13718.968	-10.779	12/7/2011 10:40:15 AM	12/7/2011 2:09:15 PM
4BR1 --- BP13 (B442)	4BR1	BP13	Fixed	0.004	0.018	-2801.855	3607.179	3380.230	315° 19'25"	5681.950	16.656	12/7/2011 10:40:15 AM	12/7/2011 2:09:15 PM
4CU2 --- BP13 (B444)	4CU2	BP13	Fixed	0.005	0.021	7998.345	-4920.359	-2172.655	105° 23'39"	9637.919	-62.717	12/7/2011 10:40:15 AM	12/7/2011 2:09:15 PM
PP15 --- BP13 (B445)	PP15	BP13	Fixed	0.001	0.002	1022.955	65.454	696.537	47° 32'14"	1239.241	-2.003	12/7/2011 10:40:15 AM	12/7/2011 2:09:15 PM
BP13 --- BP14 (B446)	BP13	BP14	Fixed	0.003	0.020	-2035.601	1861.983	1393.952	302° 34'21"	3090.733	10.412	12/7/2011 10:40:15 AM	12/7/2011 12:47:15 PM

BP13 --- PP9 (B447)	BP13	PP9	Fixed	0.003	0.013	-1788.631	1218.530	642.362	289° 47'51"	2257.441	7.956	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
BP13 --- BP25 (B448)	BP13	BP25	Fixed	0.003	0.012	2.940	1310.180	1835.005	346° 49'47"	2254.607	6.045	12/7/2011 11:31:30 AM	12/7/2011 2:09:15 PM
PP8 --- BP13 (B449)	PP8	BP13	Fixed	0.004	0.017	2932.736	-2995.887	-2446.198	126° 58'57"	4853.591	-17.334	12/7/2011 10:40:15 AM	12/7/2011 2:09:15 PM
BP13 --- BP16 (B450)	BP13	BP16	Fixed	0.004	0.018	-1688.104	3127.814	3367.429	325° 20'32"	4895.889	14.805	12/7/2011 10:58:00 AM	12/7/2011 2:09:15 PM
BP13 --- PP12 (B451)	BP13	PP12	Fixed	0.007	0.011	2072.061	1842.218	3804.466	14° 29'36"	4707.316	4.794	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
BP13 --- BP24 (B452)	BP13	BP24	Fixed	0.006	0.038	-1492.328	3997.051	4697.508	332° 19'43"	6345.503	18.517	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
BP13 --- BP26 (B453)	BP13	BP26	Fixed	0.007	0.012	3783.284	905.579	3509.488	36° 32'56"	5238.987	-2.097	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
BP13 --- BP15 (B454)	BP13	BP15	Fixed	0.004	0.027	-83.141	2731.245	3766.184	345° 39'11"	4652.779	10.635	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
BP13 --- PP13 (B455)	BP13	PP13	Fixed	0.011	0.017	3619.289	1374.337	4068.074	29° 43'30"	5615.515	0.696	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
BP13 --- PP10 (B456)	BP13	PP10	Fixed	0.003	0.020	-113.338	1738.938	2365.288	344° 24'34"	2937.747	8.050	12/7/2011 10:40:15 AM	12/7/2011 12:39:00 PM
4EU2 --- BP13 (B482)	4EU2	BP13	Fixed	0.005	0.022	7616.544	-10421.994	-10015.905	137° 06'04"	16337.535	-56.607	12/7/2011 10:40:15 AM	12/7/2011 2:09:15 PM
4DP1 --- 4EU2 (B483)	4EU2	4DP1	Fixed	0.004	0.011	20468.978	-13032.336	-5987.131	106° 33'26"	24991.884	-45.819	12/7/2011 6:46:00 AM	12/7/2011 2:31:00 PM
4EU2 --- PP28 (B484)	4EU2	PP28	Fixed	0.004	0.022	11553.727	-15012.023	-14099.625	135° 29'18"	23613.188	-79.227	12/7/2011 7:21:15 AM	12/7/2011 9:49:15 AM

4EU2 --- 4BR1 (B485)	4EU2	4BR1	Fixed	0.004	0.013	10418.396	-14029.189	-13396.134	136° 37'10"	22017.255	-73.250	12/7/2011 6:57:30 AM	12/7/2011 2:59:15 PM
3BP2 --- 4EU2 (B486)	4EU2	3BP2	Fixed	0.003	0.010	17339.009	-22752.832	-21509.738	135° 50'31"	35789.102	-106.284	12/7/2011 6:56:30 AM	12/7/2011 3:03:00 PM
4EU2 --- 4CU2 (B487)	4EU2	4CU2	Fixed	0.005	0.013	-381.807	-5501.635	-7843.245	169° 00'20"	9587.440	6.114	12/7/2011 8:03:30 AM	12/7/2011 3:00:15 PM
4EU2 --- PP15 (B488)	4EU2	PP15	Fixed	0.005	0.016	6593.579	-10487.458	-10712.439	141° 26'27"	16376.368	-54.593	12/7/2011 8:58:45 AM	12/7/2011 2:22:00 PM
4EU2 --- BP14 (B489)	4EU2	BP14	Fixed	0.005	0.026	5580.934	-8560.031	-8621.940	140° 26'26"	13369.234	-46.170	12/7/2011 10:07:15 AM	12/7/2011 12:47:15 PM
4EU2 --- BP7 (B490)	4EU2	BP7	Fixed	0.005	0.024	10548.729	-11676.637	-10026.238	129° 54'54"	18657.505	-64.367	12/7/2011 7:26:30 AM	12/7/2011 9:47:15 AM
4EU2 --- PP9 (B491)	4EU2	PP9	Fixed	0.010	0.028	5827.911	-9203.453	-9373.545	141° 14'33"	14370.308	-48.661	12/7/2011 12:11:15 PM	12/7/2011 1:55:30 PM
4EU2 --- PP27 (B492)	4EU2	PP27	Fixed	0.005	0.025	11678.897	-14226.596	-12923.550	133° 19'59"	22488.896	-75.790	12/7/2011 8:08:00 AM	12/7/2011 9:40:15 AM
4EU2 --- BP25 (B493)	4EU2	BP25	Fixed	0.006	0.022	7619.486	-9111.805	-8180.906	132° 39'49"	14421.610	-50.573	12/7/2011 11:31:30 AM	12/7/2011 2:41:45 PM
4EU2 --- PP17 (B494)	4EU2	PP17	Fixed	0.007	0.011	11934.436	-12871.382	-10874.801	128° 57'25"	20647.351	-70.523	12/7/2011 8:45:45 AM	12/7/2011 9:30:45 AM
4EU2 --- PP8 (B495)	4EU2	PP8	Fixed	0.005	0.019	4683.801	-7426.100	-7569.705	141° 20'15"	11591.741	-39.275	12/7/2011 10:12:45 AM	12/7/2011 2:44:00 PM
4EU2 --- BP8 (B496)	4EU2	BP8	Fixed	0.005	0.026	9485.391	-10276.461	-8700.888	129° 06'37"	16469.676	-57.869	12/7/2011 8:32:45 AM	12/7/2011 9:35:45 AM
4EU2 --- BP16 (B497)	4EU2	BP16	Fixed	0.006	0.022	5928.434	-7294.177	-6648.472	133° 38'03"	11512.457	-41.801	12/7/2011 10:58:00 AM	12/7/2011 2:26:00 PM

4EU2 --- PP14 (B498)	4EU2	PP14	Fixed	0.010	0.016	8292.203	-10219.970	-9329.845	133° 42'20"	16131.406	-55.891	12/7/2011 9:10:30 AM	12/7/2011 9:30:00 AM
4EU2 --- PP12 (B499)	4EU2	PP12	Fixed	0.014	0.015	9688.602	-8579.768	-6211.433	121° 04'35"	14354.007	-51.816	12/7/2011 1:21:15 PM	12/7/2011 1:55:00 PM
4EU2 --- BP24 (B500)	4EU2	BP24	Fixed	0.007	0.049	6124.205	-6424.957	-5318.377	127° 52'16"	10346.854	-38.065	12/7/2011 11:28:00 AM	12/7/2011 12:31:00 PM
4EU2 --- BP26 (B501)	4EU2	BP26	Fixed	0.012	0.014	11399.827	-9516.404	-6506.420	118° 34'54"	16211.690	-58.715	12/7/2011 1:18:00 PM	12/7/2011 2:04:45 PM
4EU2 --- BP15 (B502)	4EU2	BP15	Fixed	0.005	0.039	7533.380	-7690.795	-6249.685	126° 49'54"	12447.452	-45.910	12/7/2011 10:48:15 AM	12/7/2011 12:31:00 PM
4EU2 --- PP16 (B503)	4EU2	PP16	Fixed	0.006	0.031	11008.058	-13096.861	-11739.711	132° 30'36"	20747.868	-70.247	12/7/2011 8:24:30 AM	12/7/2011 9:30:30 AM
4EU2 --- PP13 (B504)	4EU2	PP13	Fixed	0.020	0.019	11235.833	-9047.647	-5947.822	117° 01'11"	15602.890	-55.915	12/7/2011 1:35:45 PM	12/7/2011 1:55:00 PM
4EU2 --- PP10 (B505)	4EU2	PP10	Fixed	0.005	0.031	7503.191	-8683.080	-7650.599	131° 30'20"	13791.360	-48.525	12/7/2011 10:28:45 AM	12/7/2011 12:39:00 PM
4EU2 --- BP30 (B506)	4EU2	BP30	Fixed	0.007	0.033	10281.918	-12514.451	-11356.153	133° 17'32"	19779.892	-67.206	12/7/2011 7:59:30 AM	12/7/2011 9:37:45 AM
PP3 --- PP2 (B507)	PP3	PP2	Fixed	0.002	0.003	-200.051	-513.473	-837.631	178° 52'25"	1002.581	-3.768	12/9/2011 9:52:30 AM	12/9/2011 10:54:45 AM
PP3 --- PP6 (B508)	PP3	PP6	Fixed	0.009	0.017	3360.213	-3791.673	-3281.843	130° 32'27"	6036.040	-18.250	12/9/2011 12:04:15 PM	12/9/2011 12:36:30 PM
BP19 --- PP2 (B509)	BP19	PP2	Fixed	0.003	0.005	-1537.101	751.802	129.653	275° 07'39"	1715.908	3.497	12/9/2011 9:52:30 AM	12/9/2011 10:44:30 AM
PP3 --- BP19 (B510)	PP3	BP19	Fixed	0.003	0.014	1337.045	-1265.286	-967.277	123° 45'25"	2079.352	-7.251	12/9/2011 9:21:30 AM	12/9/2011 10:44:30 AM

PP6 --- PP5 (B511)	PP6	PP5	Fixed	0.004	0.006	1519.421	-13.878	887.325	52° 46'35"	1759.497	-0.102	12/9/2011 12:24:15 PM	12/9/2011 1:14:15 PM
PP3 --- PP5 (B512)	PP3	PP5	Fixed	0.015	0.027	4879.637	-3805.554	-2394.517	115° 31'07"	6634.863	-18.350	12/9/2011 12:24:15 PM	12/9/2011 12:36:30 PM
PP4 --- BP19 (B513)	PP4	BP19	Fixed	0.002	0.003	-332.242	507.191	511.356	320° 22'34"	793.112	3.806	12/9/2011 9:21:30 AM	12/9/2011 10:44:30 AM
PP4 --- PP2 (B514)	PP4	PP2	Fixed	0.004	0.006	-1869.343	1258.992	641.011	289° 02'22"	2343.013	7.304	12/9/2011 9:52:30 AM	12/9/2011 10:51:00 AM
PP3 --- PP4 (B515)	PP3	PP4	Fixed	0.004	0.016	1669.287	-1772.478	-1478.633	128° 19'16"	2848.419	-11.056	12/9/2011 9:08:45 AM	12/9/2011 10:51:00 AM
PP7 --- PP5 (B516)	PP7	PP5	Fixed	0.004	0.007	-828.376	1134.016	1092.204	317° 11'46"	1778.962	7.191	12/9/2011 12:24:15 PM	12/9/2011 1:00:45 PM
PP6 --- PP7 (B517)	PP6	PP7	Fixed	0.005	0.008	2347.798	-1147.888	-204.881	95° 15'52"	2621.252	-7.298	12/9/2011 12:04:15 PM	12/9/2011 1:00:45 PM
PP3 --- PP7 (B518)	PP3	PP7	Fixed	0.008	0.015	5708.016	-4939.562	-3486.725	120° 02'35"	8314.413	-25.550	12/9/2011 11:47:45 AM	12/9/2011 12:36:30 PM
4EU2 --- PP7 (B519)	4EU2	PP7	Fixed	0.007	0.034	5005.730	-6099.496	-5529.501	133° 17'56"	9634.553	-35.756	12/9/2011 11:47:45 AM	12/9/2011 1:00:00 PM
4EU2 --- PP4 (B520)	4EU2	PP4	Fixed	0.005	0.020	967.003	-2932.407	-3521.412	154° 02'59"	4683.100	-21.269	12/9/2011 8:34:45 AM	12/9/2011 10:51:00 AM
4EU2 --- PP5 (B521)	4EU2	PP5	Fixed	0.010	0.018	4177.354	-4965.479	-4437.298	132° 25'37"	7860.527	-28.566	12/9/2011 12:24:15 PM	12/9/2011 1:00:00 PM
4EU2 --- BP19 (B522)	4EU2	BP19	Fixed	0.005	0.023	634.762	-2425.214	-3010.055	156° 47'44"	3917.003	-17.464	12/9/2011 9:21:30 AM	12/9/2011 10:44:30 AM
4EU2 --- PP6 (B523)	4EU2	PP6	Fixed	0.008	0.015	2657.930	-4951.597	-5324.624	145° 20'54"	7741.237	-28.467	12/9/2011 12:04:15 PM	12/9/2011 1:00:00 PM

4EU2 --- PP2 (B524)	4EU2	PP2	Fixed	0.005	0.025	-902.340	-1673.412	-2880.401	182° 45'08"	3451.034	-13.966	12/9/2011 9:52:30 AM	12/9/2011 10:54:45 AM
4EU2 --- PP3 (B525)	4EU2	PP3	Fixed	0.002	0.011	-702.285	-1159.927	-2042.778	184° 20'13"	2451.686	-10.212	12/9/2011 9:08:45 AM	12/9/2011 12:36:30 PM
4EU2 --- PP1 (B526)	4EU2	PP1	Fixed	0.009	0.015	-1019.933	-2268.809	-3774.807	180° 28'48"	4520.433	-12.950	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
PP4 --- PP1 (B527)	PP4	PP1	Fixed	0.005	0.009	-1986.943	663.582	-253.383	261° 34'53"	2109.955	8.339	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
BP19 --- PP1 (B528)	BP19	PP1	Fixed	0.005	0.008	-1654.700	156.392	-764.741	239° 48'48"	1829.458	4.532	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
PP2 --- PP1 (B529)	PP2	PP1	Fixed	0.003	0.006	-117.601	-595.411	-894.395	173° 12'21"	1080.809	1.036	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
PP3 --- PP1 (B530)	PP3	PP1	Fixed	0.005	0.009	-317.651	-1108.883	-1732.027	175° 55'59"	2080.846	-2.734	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
4EU2 --- BP18 (B531)	4EU2	BP18	Fixed	0.008	0.033	2451.014	-4405.928	-4692.021	144° 32'17"	6886.828	-28.390	12/9/2011 11:33:30 AM	12/9/2011 1:00:00 PM
BP18 --- PP7 (B532)	BP18	PP7	Fixed	0.007	0.024	2554.714	-1693.565	-837.477	108° 19'57"	3177.251	-7.366	12/9/2011 11:47:45 AM	12/9/2011 1:00:45 PM
BP18 --- PP5 (B533)	BP18	PP5	Fixed	0.007	0.009	1726.339	-559.544	254.727	80° 24'13"	1832.442	-0.179	12/9/2011 12:24:15 PM	12/9/2011 1:14:15 PM
BP18 --- PP6 (B534)	BP18	PP6	Fixed	0.003	0.004	206.918	-545.664	-632.599	151° 52'04"	860.617	-0.080	12/9/2011 12:04:15 PM	12/9/2011 1:27:15 PM
PP3 --- BP18 (B535)	PP3	BP18	Fixed	0.007	0.041	3153.305	-3245.987	-2649.251	127° 07'21"	5243.547	-18.194	12/9/2011 11:33:30 AM	12/9/2011 12:36:30 PM
4CU2 --- BP18 (B536)	4CU2	BP18	Fixed	0.007	0.026	2832.825	1095.696	3151.233	29° 41'31"	4376.330	-34.492	12/9/2011 11:33:30 AM	12/9/2011 1:18:00 PM

4CU2 --- PP1 (B537)	4CU2	PP1	Fixed	0.009	0.016	-638.136	3232.808	4068.451	339° 07'33"	5235.160	-19.040	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
4CU2 --- 4EU2 (B538)	4EU2	4CU2	Fixed	0.004	0.014	-381.809	-5501.631	-7843.249	169° 00'20"	9587.441	6.110	12/9/2011 8:23:30 AM	12/9/2011 1:00:00 PM
4CU2 --- PP7 (B539)	4CU2	PP7	Fixed	0.006	0.032	5387.543	-597.854	2313.747	61° 35'57"	5893.278	-41.876	12/9/2011 11:47:45 AM	12/9/2011 1:00:45 PM
4CU2 --- PP4 (B540)	4CU2	PP4	Fixed	0.005	0.021	1348.806	2569.221	4321.833	2° 26'33"	5205.235	-27.376	12/9/2011 8:34:45 AM	12/9/2011 10:51:00 AM
4CU2 --- PP5 (B541)	4CU2	PP5	Fixed	0.008	0.013	4559.166	536.158	3405.951	44° 03'23"	5715.676	-34.682	12/9/2011 12:24:15 PM	12/9/2011 1:14:15 PM
4CU2 --- BP19 (B542)	4CU2	BP19	Fixed	0.006	0.027	1016.565	3076.413	4833.190	357° 12'09"	5818.322	-23.570	12/9/2011 9:21:30 AM	12/9/2011 10:44:30 AM
4CU2 --- PP6 (B543)	4CU2	PP6	Fixed	0.006	0.025	3039.742	550.034	2518.632	40° 13'30"	3985.354	-34.574	12/9/2011 12:04:15 PM	12/9/2011 1:18:00 PM
4CU2 --- PP2 (B544)	4CU2	PP2	Fixed	0.007	0.032	-520.531	3828.231	4962.836	341° 31'26"	6288.952	-20.091	12/9/2011 9:52:30 AM	12/9/2011 10:54:45 AM
4CU2 --- PP3 (B545)	4CU2	PP3	Fixed	0.005	0.020	-320.482	4341.687	5800.482	343° 53'18"	7252.031	-16.302	12/9/2011 9:08:45 AM	12/9/2011 12:36:30 PM
4CU2 --- BP20 (B546)	4CU2	BP20	Fixed	0.003	0.013	1652.080	1674.663	3259.382	12° 16'21"	4019.289	-28.769	12/9/2011 8:35:15 AM	12/9/2011 1:18:00 PM
BP20 --- BP18 (B547)	BP20	BP18	Fixed	0.003	0.004	1180.743	-578.965	-108.153	95° 28'22"	1319.403	-5.727	12/9/2011 11:33:30 AM	12/9/2011 1:27:15 PM
BP20 --- PP1 (B548)	BP20	PP1	Fixed	0.007	0.011	-2290.213	1558.143	809.070	289° 31'26"	2885.555	9.730	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
BP20 --- 4EU2 (B549)	4EU2	BP20	Fixed	0.004	0.017	1270.271	-3826.962	-4583.869	153° 56'16"	6104.604	-22.665	12/9/2011 8:35:15 AM	12/9/2011 1:00:00 PM

BP20 --- PP7 (B550)	BP20	PP7	Fixed	0.005	0.027	3735.459	-2272.524	-945.633	104° 33'46"	4473.237	-13.100	12/9/2011 11:47:45 AM	12/9/2011 1:00:45 PM
BP20 --- PP4 (B551)	BP20	PP4	Fixed	0.002	0.003	-303.270	894.562	1062.451	333° 35'06"	1421.542	1.389	12/9/2011 8:35:15 AM	12/9/2011 10:51:00 AM
BP20 --- PP5 (B552)	BP20	PP5	Fixed	0.005	0.009	2907.082	-1138.510	146.573	86° 42'01"	3125.330	-5.906	12/9/2011 12:24:15 PM	12/9/2011 1:14:15 PM
BP20 --- BP19 (B553)	BP20	BP19	Fixed	0.003	0.014	-635.512	1401.753	1573.808	328° 51'49"	2201.152	5.195	12/9/2011 9:21:30 AM	12/9/2011 10:44:30 AM
BP20 --- PP6 (B554)	BP20	PP6	Fixed	0.003	0.005	1387.662	-1124.631	-740.753	117° 13'47"	1933.562	-5.806	12/9/2011 12:04:15 PM	12/9/2011 1:29:30 PM
BP20 --- PP2 (B555)	BP20	PP2	Fixed	0.005	0.022	-2172.610	2153.561	1703.458	305° 35'23"	3501.190	8.684	12/9/2011 9:52:30 AM	12/9/2011 10:54:45 AM
BP20 --- PP3 (B556)	BP20	PP3	Fixed	0.003	0.015	-1972.559	2667.029	2541.093	316° 40'54"	4178.396	12.459	12/9/2011 9:08:45 AM	12/9/2011 12:36:30 PM
BP20 --- PP8 (B557)	BP20	PP8	Fixed	0.011	0.019	3413.528	-3599.138	-2985.834	128° 03'18"	5789.403	-16.610	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
4CU2 --- PP8 (B558)	4CU2	PP8	Fixed	0.009	0.014	5065.610	-1924.467	273.544	86° 12'15"	5425.255	-45.387	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
BP18 --- PP8 (B559)	BP18	PP8	Fixed	0.020	0.027	2232.782	-3020.174	-2877.679	136° 41'59"	4731.303	-10.880	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
4EU2 --- PP8 (B560)	4EU2	PP8	Fixed	0.010	0.016	4683.800	-7426.101	-7569.707	141° 20'15"	11591.743	-39.276	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
PP7 --- PP8 (B561)	PP7	PP8	Fixed	0.006	0.011	-321.932	-1326.611	-2040.201	174° 40'08"	2454.646	-3.512	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
PP5 --- PP8 (B562)	PP5	PP8	Fixed	0.009	0.015	506.443	-2460.627	-3132.405	159° 01'26"	4015.126	-10.702	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM

PP6 --- PP8 (B563)	PP6	PP8	Fixed	0.009	0.015	2025.865	-2474.505	-2245.080	133° 23'54"	3907.159	-10.804	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
BP20 --- BP22 (B564)	BP20	BP22	Fixed	0.002	0.003	-1027.797	809.296	515.763	295° 58'33"	1406.091	3.771	12/9/2011 9:12:15 AM	12/9/2011 11:03:45 AM
4CU2 --- BP22 (B565)	4CU2	BP22	Fixed	0.006	0.022	624.280	2483.955	3775.145	354° 50'47"	4561.622	-24.994	12/9/2011 9:12:15 AM	12/9/2011 11:03:45 AM
BP22 --- PP1 (B566)	BP22	PP1	Fixed	0.004	0.007	-1262.417	748.849	293.305	283° 27'24"	1496.733	5.957	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
4EU2 --- BP22 (B567)	4EU2	BP22	Fixed	0.006	0.024	242.475	-3017.670	-4068.103	163° 45'46"	5070.622	-18.889	12/9/2011 9:12:15 AM	12/9/2011 11:03:45 AM
PP4 --- BP22 (B568)	PP4	BP22	Fixed	0.002	0.003	-724.526	-85.266	-546.688	223° 51'26"	911.579	2.382	12/9/2011 9:12:15 AM	12/9/2011 10:51:00 AM
BP22 --- BP19 (B569)	BP22	BP19	Fixed	0.002	0.003	392.284	592.457	1058.045	5° 39'40"	1274.426	1.424	12/9/2011 9:21:30 AM	12/9/2011 10:44:30 AM
BP22 --- PP2 (B570)	BP22	PP2	Fixed	0.004	0.016	-1144.815	1344.263	1187.697	311° 55'05"	2127.843	4.916	12/9/2011 9:52:30 AM	12/9/2011 10:54:45 AM
PP3 --- BP22 (B571)	PP3	BP22	Fixed	0.004	0.016	944.762	-1857.738	-2025.326	146° 30'54"	2905.968	-8.682	12/9/2011 9:12:15 AM	12/9/2011 11:03:45 AM
BP17 --- PP8 (B572)	BP17	PP8	Fixed	0.007	0.012	900.241	-1712.523	-1850.017	145° 49'35"	2676.736	-5.418	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
BP20 --- BP17 (B573)	BP20	BP17	Fixed	0.004	0.019	2513.286	-1886.613	-1135.818	113° 54'59"	3341.352	-11.193	12/9/2011 11:48:45 AM	12/9/2011 1:29:30 PM
4CU2 --- BP17 (B574)	4CU2	BP17	Fixed	0.006	0.026	4165.366	-211.948	2123.566	56° 38'40"	4679.809	-39.963	12/9/2011 11:48:45 AM	12/9/2011 1:18:00 PM
BP17 --- BP18 (B575)	BP17	BP18	Fixed	0.004	0.016	-1332.544	1307.645	1027.666	305° 13'51"	2131.003	5.469	12/9/2011 11:48:45 AM	12/9/2011 1:27:15 PM

4EU2 --- BP17 (B576)	4EU2	BP17	Fixed	0.007	0.034	3783.550	-5713.588	-5719.683	140° 00'10"	8925.512	-33.843	12/9/2011 11:48:45 AM	12/9/2011 1:00:00 PM
BP17 --- PP7 (B577)	BP17	PP7	Fixed	0.002	0.005	1222.173	-385.907	190.183	79° 48'00"	1295.613	-1.911	12/9/2011 11:48:45 AM	12/9/2011 1:00:45 PM
BP17 --- PP5 (B578)	BP17	PP5	Fixed	0.003	0.005	393.797	748.105	1282.388	2° 28'10"	1535.892	5.284	12/9/2011 12:24:15 PM	12/9/2011 1:14:15 PM
BP17 --- PP6 (B579)	BP17	PP6	Fixed	0.002	0.004	-1125.624	761.983	395.064	289° 24'22"	1415.440	5.386	12/9/2011 12:04:15 PM	12/9/2011 1:34:45 PM
PP3 --- BP17 (B580)	PP3	BP17	Fixed	0.008	0.014	4485.838	-4553.651	-3676.909	126° 33'57"	7373.695	-23.641	12/9/2011 11:48:45 AM	12/9/2011 12:36:30 PM
BP22 --- BP21 (B581)	BP22	BP21	Fixed	0.004	0.006	2075.487	-469.481	581.458	71° 29'19"	2205.806	-4.005	12/9/2011 9:52:00 AM	12/9/2011 10:44:00 AM
BP20 --- BP21 (B582)	BP20	BP21	Fixed	0.003	0.005	1047.691	339.814	1097.221	32° 10'14"	1554.589	-0.233	12/9/2011 9:52:00 AM	12/9/2011 10:44:00 AM
4CU2 --- BP21 (B583)	4CU2	BP21	Fixed	0.007	0.011	2699.769	2014.479	4356.601	17° 47'06"	5506.581	-29.004	12/9/2011 9:52:00 AM	12/9/2011 10:44:00 AM
BP21 --- PP1 (B584)	BP21	PP1	Fixed	0.008	0.013	-3337.903	1218.331	-288.152	264° 20'43"	3564.745	9.961	12/9/2011 10:17:00 AM	12/9/2011 10:44:00 AM
4EU2 --- BP21 (B585)	4EU2	BP21	Fixed	0.007	0.012	2317.968	-3487.144	-3486.651	139° 54'04"	5448.476	-22.905	12/9/2011 9:52:00 AM	12/9/2011 10:44:00 AM
PP4 --- BP21 (B586)	PP4	BP21	Fixed	0.003	0.004	1350.961	-554.747	34.768	88° 19'04"	1460.754	-1.623	12/9/2011 9:52:00 AM	12/9/2011 10:44:00 AM
BP19 --- BP21 (B587)	BP19	BP21	Fixed	0.004	0.006	1683.203	-1061.938	-476.589	106° 06'45"	2046.341	-5.430	12/9/2011 9:52:00 AM	12/9/2011 10:44:00 AM
PP2 --- BP21 (B588)	PP2	BP21	Fixed	0.006	0.009	3220.304	-1813.740	-606.242	101° 05'37"	3745.110	-8.927	12/9/2011 9:52:30 AM	12/9/2011 10:44:00 AM

PP3 --- BP21 (B589)	PP3	BP21	Fixed	0.006	0.009	3020.253	-2327.213	-1443.874	115° 00'03"	4076.829	-12.695	12/9/2011 9:52:00 AM	12/9/2011 10:44:00 AM
BP17 --- BP23 (B590)	BP17	BP23	Fixed	0.004	0.006	616.223	-1088.846	-1149.901	144° 06'19"	1699.193	-3.465	12/9/2011 12:18:15 PM	12/9/2011 1:05:45 PM
BP23 --- PP8 (B591)	BP23	PP8	Fixed	0.003	0.006	284.019	-623.676	-700.117	148° 49'06"	979.640	-1.955	12/9/2011 12:37:00 PM	12/9/2011 1:00:00 PM
BP20 --- BP23 (B592)	BP20	BP23	Fixed	0.007	0.013	3129.509	-2975.461	-2285.718	123° 59'00"	4885.574	-14.655	12/9/2011 12:18:15 PM	12/9/2011 1:05:45 PM
4CU2 --- BP23 (B593)	4CU2	BP23	Fixed	0.007	0.013	4781.592	-1300.790	973.663	76° 17'15"	5049.643	-43.432	12/9/2011 12:18:15 PM	12/9/2011 1:05:45 PM
BP18 --- BP23 (B594)	BP18	BP23	Fixed	0.012	0.017	1948.764	-2396.495	-2177.563	133° 35'03"	3779.021	-8.928	12/9/2011 12:18:15 PM	12/9/2011 1:05:45 PM
4EU2 --- BP23 (B595)	4EU2	BP23	Fixed	0.010	0.017	4399.779	-6802.430	-6869.588	140° 39'11"	10621.111	-37.316	12/9/2011 12:18:15 PM	12/9/2011 1:00:00 PM
PP7 --- BP23 (B596)	PP7	BP23	Fixed	0.004	0.007	-605.951	-702.939	-1340.084	189° 51'36"	1629.979	-1.554	12/9/2011 12:18:15 PM	12/9/2011 1:00:45 PM
PP5 --- BP23 (B597)	PP5	BP23	Fixed	0.006	0.010	222.425	-1836.954	-2432.288	162° 16'54"	3055.943	-8.746	12/9/2011 12:24:15 PM	12/9/2011 1:05:45 PM
PP6 --- BP23 (B598)	PP6	BP23	Fixed	0.005	0.009	1741.847	-1850.828	-1544.965	128° 22'41"	2974.131	-8.851	12/9/2011 12:18:15 PM	12/9/2011 1:05:45 PM
PP3 --- BP23 (B599)	PP3	BP23	Fixed	0.014	0.024	5102.065	-5642.499	-4826.811	129° 49'05"	9008.719	-27.106	12/9/2011 12:18:15 PM	12/9/2011 12:36:30 PM

Acceptance Summary

Processed	Passed	Flag	Fail
562	560	2	0

SECTION 3.4

NETWORK ADJUSTMENT REPORT

Project Information		Coordinate System	
Name:	C:\Documents and Settings\clint.fischer\My Documents\Trimble Business Center\2022-3 CENTENNIAL NO GDACS\2022-3 CENTENNIAL NO GDACS.vce	Name:	US State Plane 1983
Size:	8 MB	Datum:	NAD 1983 (Conus)
Modified:	12/10/2011 12:52:57 PM (UTC:-7)	Zone:	Arizona Central 0202
Time zone:	US Mountain Standard Time	Geoid:	GEOID99 (Conus)
Reference number:		Vertical datum:	
Description:	NAD83 Metric Template		

Network Adjustment Report

Adjustment Settings

Set-Up Errors

GNSS

Error in Height of Antenna: 0.002 m

Centering Error: 0.002 m

Covariance Display

Horizontal:

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 m

Scale on Linear Error [S]: 1.960

Three-Dimensional

Propagated Linear Error [E]: U.S.

Constant Term [C]: 0.000 m

Scale on Linear Error [S]: 1.960

Adjustment Statistics

Number of Iterations for Successful Adjustment: 2

Network Reference Factor: 1.00

Chi Square Test (95%): Passed

Precision Confidence Level: 95%

Degrees of Freedom: 1499

Post Processed Vector Statistics

Reference Factor: 1.00
Redundancy Number: 1499.00
A Priori Scalar: 1.12

Control Point Constraints

Point ID	Type	North σ (Meter)	East σ (Meter)	Height σ (Meter)	Elevation σ (Meter)
3BP2	Local	Fixed	Fixed	Fixed	
4BR1	Local	Fixed	Fixed	Fixed	
4CU2	Local	Fixed	Fixed	Fixed	
4DP1	Local	Fixed	Fixed	Fixed	
4EU2	Local	Fixed	Fixed	Fixed	
Fixed = 0.000001(Meter)					

Adjusted Grid Coordinates

Point ID	Northing (Meter)	Northing Error (Meter)	Easting (Meter)	Easting Error (Meter)	Elevation (Meter)	Elevation Error (Meter)	Constraint
3BP2	259351.719	?	106359.675	?	308.800	?	LLh
4BR1	269158.528	?	96682.085	?	341.952	?	LLh
4CU2	275930.601	?	83478.103	?	421.223	?	LLh
4DP1	277917.943	?	105636.103	?	369.066	?	LLh
4EU2	285367.223	?	81778.216	?	415.118	?	LLh
BP1	266202.447	0.002	102816.017	0.002	324.076	0.005	
BP10	277622.920	0.003	96838.935	0.002	354.796	0.005	
BP11	275598.687	0.003	95351.173	0.002	355.569	0.004	
	276038.195						

BP12		0.003	93399.466	0.002	362.161	0.006	
BP13	273247.125	0.002	92735.848	0.002	358.567	0.005	
BP14	274943.614	0.002	90152.023	0.002	368.963	0.005	
BP15	277769.216	0.002	91639.240	0.002	369.184	0.005	
BP16	277309.104	0.002	90001.973	0.002	373.347	0.004	
BP17	278451.120	0.003	87421.710	0.003	381.290	0.005	
BP18	279703.190	0.003	85697.068	0.003	386.752	0.005	
BP19	281745.920	0.003	83272.378	0.003	397.667	0.005	
BP2	267671.698	0.002	102370.938	0.002	328.053	0.004	
BP20	279846.600	0.002	84385.345	0.002	392.475	0.004	
BP21	281151.451	0.003	85230.695	0.003	392.238	0.005	
BP22	280479.386	0.003	83129.519	0.003	396.245	0.005	
BP23	277061.588	0.003	88399.977	0.003	377.825	0.005	
BP24	278903.715	0.002	89859.191	0.002	377.061	0.006	
BP25	275448.851	0.002	92249.562	0.002	364.590	0.004	
BP26	277416.861	0.003	95908.289	0.002	356.385	0.005	
BP27	276386.090	0.003	96813.235	0.002	352.949	0.005	
BP28	276104.826	0.002	99191.973	0.002	346.166	0.004	
BP29	271509.287	0.002	100263.394	0.002	337.682	0.004	
BP3	268912.149	0.002	99956.056	0.002	334.282	0.004	
BP30	271607.185	0.002	95990.077	0.002	347.952	0.004	
BP4	270697.040	0.002	99126.664	0.002	338.182	0.005	
BP5	273126.838	0.002	99176.670	0.002	340.976	0.004	

BP6	274286.377	0.002	100031.328	0.002	340.754	0.005	
BP7	273200.181	0.002	95924.920	0.002	350.795	0.005	
BP8	274803.286	0.002	94415.639	0.002	357.263	0.004	
BP9	274733.705	0.002	98442.911	0.002	345.586	0.005	
PP1	280847.372	0.003	81678.556	0.003	402.198	0.005	
PP10	276086.652	0.002	91981.634	0.002	366.599	0.005	
PP11	276854.618	0.003	93059.755	0.003	363.997	0.005	
PP12	277789.919	0.003	93970.883	0.002	363.307	0.004	
PP13	278088.917	0.003	95581.169	0.003	359.181	0.005	
PP14	274061.890	0.003	93287.412	0.003	359.272	0.005	
PP15	272421.996	0.002	91811.111	0.002	360.580	0.004	
PP16	271138.718	0.002	96881.237	0.002	344.908	0.004	
PP17	272166.285	0.002	97656.629	0.002	344.613	0.004	
PP18	273989.371	0.003	96532.776	0.003	349.352	0.005	
PP19	274936.601	0.002	97340.104	0.002	349.103	0.005	
PP2	281922.362	0.003	81565.373	0.003	401.162	0.005	
PP20	276089.152	0.002	97646.683	0.002	349.607	0.005	
PP21	276896.645	0.002	98444.856	0.002	349.560	0.004	
PP22	275546.983	0.002	101182.105	0.002	343.219	0.006	
PP23	273974.525	0.003	102295.839	0.003	341.358	0.008	
PP24	273387.023	0.002	100851.678	0.002	338.267	0.008	
PP25	271982.208	0.002	100837.712	0.002	336.240	0.004	
PP26	270710.828	0.002	100804.426	0.002	336.036	0.004	

PP27	269711.247	0.002	97925.357	0.002	339.375	0.004	
PP28	268302.548	0.002	98102.360	0.002	335.968	0.003	
PP29	268349.403	0.002	102624.411	0.002	336.097	0.005	
PP3	282925.040	0.002	81559.385	0.002	404.924	0.005	
PP30	267908.232	0.003	101537.260	0.002	331.164	0.005	
PP31	265704.726	0.002	103301.896	0.002	327.264	0.006	
PP4	281128.212	0.003	83769.972	0.003	393.862	0.005	
PP5	279984.737	0.003	87507.934	0.003	386.572	0.005	
PP6	278938.859	0.003	86092.810	0.003	386.674	0.005	
PP7	278663.897	0.003	88699.856	0.003	379.380	0.005	
PP8	276216.898	0.002	88896.338	0.002	375.875	0.004	
PP9	274038.249	0.002	90621.370	0.002	366.509	0.005	

Adjusted Geodetic Coordinates

Point ID	Latitude	Longitude	Height (Meter)	Height Error (Meter)	Constraint
3BP2	N33°20'01.45807"	W113°03'57.81131"	277.690	?	LLh
4BR1	N33°25'16.10743"	W113°10'16.54708"	310.770	?	LLh
4CU2	N33°28'50.41071"	W113°18'51.06560"	390.090	?	LLh
4DP1	N33°30'03.76107"	W113°04'33.78854"	338.170	?	LLh
4EU2	N33°33'55.89062"	W113°20'01.88746"	384.010	?	LLh
BP1	N33°23'42.50752"	W113°06'17.84455"	292.962	0.005	
BP10	N33°29'50.86731"	W113°10'14.43035"	323.730	0.005	
BP11	N33°28'44.58769"	W113°11'11.10023"	324.446	0.004	
BP12	N33°28'58.07015"	W113°12'26.89503"	331.021	0.006	
BP13	N33°27'27.22361"	W113°12'51.24551"	327.398	0.005	
BP14	N33°28'21.22054"	W113°14'32.12077"	337.808	0.005	
BP15	N33°29'53.53087"	W113°13'35.91119"	338.045	0.005	

BP16	N33°29'37.92407"	W113°14'39.10224"	342.199	0.004	
BP17	N33°30'13.90262"	W113°16'19.61962"	350.143	0.005	
BP18	N33°30'53.79831"	W113°17'27.06846"	355.607	0.005	
BP19	N33°31'59.03514"	W113°19'02.07199"	366.530	0.005	
BP2	N33°24'30.02604"	W113°06'35.71688"	296.947	0.004	
BP20	N33°30'57.88544"	W113°18'17.96047"	361.333	0.004	
BP21	N33°31'40.59564"	W113°17'45.88246"	361.099	0.005	
BP22	N33°31'17.87205"	W113°19'06.94426"	365.105	0.005	
BP23	N33°29'29.22251"	W113°15'41.02734"	346.677	0.005	
BP24	N33°30'29.61348"	W113°14'45.42364"	345.919	0.006	
BP25	N33°28'38.47824"	W113°13'11.14234"	333.437	0.004	
BP26	N33°29'43.81372"	W113°10'50.38202"	325.298	0.005	
BP27	N33°29'10.71806"	W113°10'14.84711"	321.863	0.005	
BP28	N33°29'02.51298"	W113°08'42.58813"	315.122	0.004	
BP29	N33°26'33.77948"	W113°07'59.00822"	306.583	0.004	
BP3	N33°25'09.37511"	W113°08'09.72679"	303.143	0.004	
BP30	N33°26'35.30311"	W113°10'44.47926"	316.785	0.004	
BP4	N33°26'06.98510"	W113°08'42.64114"	307.048	0.005	
BP5	N33°27'25.86047"	W113°08'41.81696"	309.880	0.004	
BP6	N33°28'03.81857"	W113°08'09.25325"	309.696	0.005	
BP7	N33°27'26.97548"	W113°10'47.75112"	319.646	0.005	
BP8	N33°28'18.40183"	W113°11'46.95096"	326.118	0.004	
BP9	N33°28'17.72671"	W113°09'10.96687"	314.504	0.005	
PP1	N33°31'29.17360"	W113°20'03.35473"	371.060	0.005	
PP10	N33°28'59.06734"	W113°13'21.82866"	335.450	0.005	
PP11	N33°29'24.42807"	W113°12'40.44571"	332.863	0.005	
PP12	N33°29'55.14856"	W113°12'05.60465"	332.193	0.004	
PP13	N33°30'05.49453"	W113°11'03.37069"	328.098	0.005	
PP14	N33°27'53.88815"	W113°12'30.28280"	328.111	0.005	
PP15	N33°27'00.06970"	W113°13'26.64649"	329.406	0.004	
PP16	N33°26'20.44958"	W113°10'09.76286"	313.745	0.004	
PP17	N33°26'54.10010"	W113°09'40.22404"	313.475	0.004	
PP18	N33°27'52.82657"	W113°10'24.58608"	318.223	0.005	
PP19	N33°28'23.88332"	W113°09'53.76639"	318.003	0.005	
PP2	N33°32'04.00774"	W113°20'08.30987"	370.026	0.005	
PP20	N33°29'01.40695"	W113°09'42.42932"	318.532	0.005	
PP21	N33°29'27.92248"	W113°09'11.88899"	318.514	0.004	
PP22	N33°28'45.16630"	W113°07'25.25924"	312.206	0.006	
PP23	N33°27'54.55166"	W113°06'41.42593"	310.342	0.008	
PP24	N33°27'34.94234"	W113°07'37.08133"	307.210	0.008	

	N33°26'49.34523"	W113°07'36.98863"	305.160	0.004	
PP26	N33°26'08.07124"	W113°07'37.70411"	304.937	0.004	
PP27	N33°25'34.52935"	W113°09'28.68582"	308.211	0.004	
PP28	N33°24'48.88021"	W113°09'21.18551"	304.796	0.003	
PP29	N33°24'52.11480"	W113°06'26.20844"	305.005	0.005	
PP3	N33°32'36.54281"	W113°20'09.07371"	373.792	0.005	
PP30	N33°24'37.39112"	W113°07'08.08312"	300.044	0.005	
PP31	N33°23'26.53383"	W113°05'58.82657"	296.154	0.006	
PP4	N33°31'39.20746"	W113°18'42.46873"	362.723	0.005	
PP5	N33°31'03.70788"	W113°16'17.05521"	355.427	0.005	
PP6	N33°30'29.16436"	W113°17'11.34593"	355.529	0.005	
PP7	N33°30'21.34667"	W113°15'30.21488"	348.233	0.005	
PP8	N33°29'02.01873"	W113°15'21.38060"	344.726	0.004	
PP9	N33°27'52.03319"	W113°14'13.50046"	335.348	0.005	

Adjusted ECEF Coordinates

Point ID	X (Meter)	X Error (Meter)	Y (Meter)	Y Error (Meter)	Z (Meter)	Z Error (Meter)	3D Error (Meter)	Constraint
3BP2	-2089998.490	?	-4907987.353	?	3485094.953	?	?	LLh
4BR1	-2096919.113	?	-4899263.749	?	3493208.581	?	?	LLh
4CU2	-2107719.300	?	-4890736.166	?	3498761.439	?	?	LLh
4DP1	-2086868.528	?	-4898266.869	?	3500617.568	?	?	LLh
4EU2	-2107337.510	?	-4885234.554	?	3506604.705	?	?	LLh
BP1	-2091865.237	0.003	-4903133.956	0.004	3490791.434	0.004	0.006	
BP10	-2095036.594	0.003	-4895004.279	0.004	3500278.319	0.003	0.006	
BP11	-2096825.259	0.003	-4895464.811	0.004	3498575.583	0.003	0.006	
BP12	-2098535.880	0.003	-4894488.395	0.005	3498925.686	0.004	0.007	
BP13	-2099720.964	0.002	-4895656.544	0.004	3496588.798	0.003	0.005	
BP14	-2101756.370	0.003	-4893794.104	0.004	3497982.421	0.003	0.006	
BP15	-2099803.913	0.003	-4892924.846	0.004	3500354.656	0.003	0.006	
BP16	-2101408.903	0.002	-4892528.342	0.004	3499955.948	0.003	0.005	
BP17	-2103553.777	0.003	-4890947.740	0.005	3500884.734	0.003	0.006	
BP18	-2104886.485	0.003	-4889640.476	0.005	3501912.675	0.003	0.007	
BP19	-2106702.581	0.003	-4887659.388	0.004	3503594.371	0.004	0.006	
BP2	-2091975.038	0.002	-4902214.447	0.003	3492015.867	0.003	0.005	
BP20	-2106067.228	0.002	-4889061.510	0.004	3502020.828	0.003	0.005	
BP21	-2105019.372	0.003	-4888721.310	0.004	3503117.772	0.004	0.006	

BP22	-2107094.859	0.003	-4888251.830	0.004	3502536.314	0.004	0.006	
BP23	-2102937.553	0.003	-4892036.586	0.005	3499734.833	0.003	0.006	
BP24	-2101213.130	0.003	-4891659.110	0.005	3501286.031	0.004	0.007	
BP25	-2099717.864	0.002	-4894345.987	0.004	3498423.534	0.003	0.005	
BP26	-2095937.482	0.002	-4894750.501	0.004	3500097.951	0.003	0.006	
BP27	-2095314.464	0.003	-4895626.169	0.004	3499245.650	0.003	0.006	
BP28	-2093177.132	0.002	-4896685.962	0.004	3499031.085	0.003	0.006	
BP29	-2093132.424	0.002	-4899445.225	0.004	3495203.422	0.003	0.005	
BP3	-2093948.830	0.002	-4900651.300	0.004	3493031.252	0.003	0.005	
BP30	-2097055.381	0.002	-4897748.526	0.004	3495248.216	0.003	0.005	
BP4	-2094347.761	0.002	-4899420.996	0.004	3494514.781	0.003	0.005	
BP5	-2093802.646	0.002	-4898199.933	0.004	3496544.101	0.003	0.006	
BP6	-2092775.892	0.002	-4897937.291	0.004	3497519.661	0.003	0.006	
BP7	-2096788.585	0.003	-4896910.736	0.004	3496578.147	0.003	0.006	
BP8	-2097851.939	0.002	-4895510.613	0.003	3497903.530	0.003	0.005	
BP9	-2094149.898	0.002	-4897097.317	0.004	3497879.774	0.003	0.006	
PP1	-2108357.441	0.003	-4887503.365	0.005	3502829.896	0.004	0.007	
PP10	-2099834.106	0.003	-4893917.145	0.004	3498953.755	0.003	0.006	
PP11	-2098681.431	0.003	-4893940.126	0.005	3499604.014	0.003	0.007	
PP12	-2097648.739	0.002	-4893813.941	0.004	3500392.990	0.003	0.006	
PP13	-2096101.477	0.003	-4894281.747	0.004	3500656.546	0.004	0.007	
PP14	-2099045.132	0.003	-4895454.135	0.004	3497274.579	0.003	0.006	
PP15	-2100743.695	0.002	-4895721.472	0.003	3495891.880	0.002	0.004	
PP16	-2096329.242	0.002	-4898330.937	0.003	3494864.657	0.003	0.005	
PP17	-2095402.911	0.002	-4898105.552	0.003	3495729.635	0.003	0.005	
PP18	-2096065.329	0.003	-4896741.371	0.005	3497241.841	0.004	0.007	
PP19	-2095125.983	0.003	-4896569.178	0.004	3498039.933	0.003	0.006	
PP2	-2108239.676	0.003	-4886907.570	0.005	3503724.014	0.004	0.007	
PP20	-2094606.175	0.003	-4896098.387	0.004	3499004.544	0.003	0.006	
PP21	-2093703.975	0.002	-4895993.998	0.003	3499685.887	0.003	0.005	
PP22	-2091456.048	0.003	-4897739.274	0.005	3498583.700	0.004	0.007	
PP23	-2090752.180	0.004	-4898973.257	0.006	3497281.834	0.005	0.009	
PP24	-2092203.789	0.003	-4898712.902	0.007	3496776.077	0.005	0.009	
PP25	-2092505.094	0.002	-4899424.479	0.003	3495602.814	0.003	0.004	
PP26	-2092797.269	0.002	-4900061.526	0.003	3494541.544	0.003	0.005	
PP27	-2095658.450	0.002	-4899460.768	0.003	3493680.890	0.003	0.005	
PP28	-2095783.786	0.002	-4900246.582	0.003	3492505.093	0.002	0.004	
PP29	-2091604.621	0.002	-4901972.382	0.004	3492588.395	0.004	0.006	
PP3	-2108039.623	0.003	-4886394.096	0.004	3504561.644	0.003	0.006	
PP30	-2092696.205	0.003	-4901773.589	0.004	3492206.996	0.004	0.006	

	-2091520.467	0.003	-4903578.413	0.004	3490382.285	0.004	0.006	
PP4	-2106370.339	0.003	-4888166.578	0.004	3503083.014	0.004	0.006	
PP5	-2103159.986	0.003	-4890199.649	0.005	3502167.133	0.003	0.006	
PP6	-2104679.401	0.003	-4890185.757	0.004	3501279.798	0.003	0.006	
PP7	-2102331.609	0.003	-4891333.663	0.005	3501074.929	0.003	0.007	
PP8	-2102653.535	0.002	-4892660.266	0.003	3499034.716	0.002	0.004	
PP9	-2101509.435	0.002	-4894437.638	0.004	3497230.891	0.003	0.006	

Error Ellipse Components

Point ID	Semi-major axis (Meter)	Semi-minor axis (Meter)	Azimuth
BP1	0.003	0.003	35°
BP10	0.003	0.003	175°
BP11	0.003	0.003	176°
BP12	0.003	0.003	173°
BP13	0.002	0.002	3°
BP14	0.002	0.002	22°
BP15	0.003	0.002	152°
BP16	0.002	0.002	173°
BP17	0.003	0.003	150°
BP18	0.004	0.003	136°
BP19	0.003	0.003	36°
BP2	0.003	0.003	37°
BP20	0.003	0.003	163°
BP21	0.004	0.003	35°
BP22	0.003	0.003	38°
BP23	0.004	0.003	148°
BP24	0.003	0.003	140°
BP25	0.002	0.002	172°
BP26	0.003	0.003	177°
BP27	0.003	0.003	172°
BP28	0.003	0.003	163°
BP29	0.003	0.003	21°
BP3	0.003	0.002	40°
BP30	0.003	0.003	1°
BP4	0.003	0.003	37°
BP5	0.003	0.003	161°

BP6	0.003	0.003	156°
BP7	0.003	0.003	7°
BP8	0.002	0.002	175°
BP9	0.003	0.003	157°
PP1	0.004	0.004	33°
PP10	0.002	0.002	168°
PP11	0.004	0.003	177°
PP12	0.003	0.003	171°
PP13	0.004	0.003	179°
PP14	0.003	0.003	171°
PP15	0.002	0.002	166°
PP16	0.003	0.003	174°
PP17	0.003	0.003	172°
PP18	0.004	0.003	177°
PP19	0.003	0.003	162°
PP2	0.004	0.003	31°
PP20	0.003	0.003	165°
PP21	0.002	0.002	172°
PP22	0.003	0.003	156°
PP23	0.004	0.003	178°
PP24	0.003	0.003	160°
PP25	0.002	0.002	11°
PP26	0.003	0.003	34°
PP27	0.003	0.003	1°
PP28	0.002	0.002	24°
PP29	0.003	0.003	36°
PP3	0.003	0.003	145°
PP30	0.003	0.003	28°
PP31	0.003	0.003	50°
PP4	0.003	0.003	35°
PP5	0.004	0.003	150°
PP6	0.003	0.003	149°
PP7	0.003	0.003	148°
PP8	0.002	0.002	153°
PP9	0.003	0.002	154°

Adjusted GPS Observations

Transformation Parameters

Deflection in Latitude:	0.177 sec **(95%)**	0.034 sec
Deflection in Longitude:	0.022 sec **(95%)**	0.041 sec
Azimuth Rotation:	0.047 sec **(95%)**	0.007 sec
Scale Factor:	1.00000024 **(95%)**	0.00000003

Observation ID		Observation	A-posteriori Error	Residual	Standardized Residual
4BR1 --> 4CU2 (PV387)	**Az.**	296°27'39"	0.007 sec	0.032 sec	0.663
	ΔHt.	79.313 m	0.002 m	-0.052 m	-6.021
	Ellip Dist.	14838.041 m	0.001 m	0.001 m	0.275
4BR1 --> PP28 (PV407)	**Az.**	120°23'09"	0.202 sec	0.159 sec	0.402
	ΔHt.	-5.973 m	0.003 m	-0.015 m	-4.583
	Ellip Dist.	1658.168 m	0.002 m	0.002 m	0.765
4DP1 --> PP23 (PV147)	**Az.**	219°37'35"	0.119 sec	-0.197 sec	-1.215
	ΔHt.	-27.825 m	0.008 m	0.018 m	1.022
	Ellip Dist.	5167.722 m	0.003 m	0.018 m	4.582
4DP1 --> PP22 (PV179)	**Az.**	241°19'58"	0.099 sec	-0.092 sec	-0.417
	ΔHt.	-25.962 m	0.006 m	0.012 m	0.710
	Ellip Dist.	5045.497 m	0.002 m	0.017 m	4.441
4BR1 --> 4CU2 (PV184)	**Az.**	296°27'39"	0.007 sec	0.014 sec	0.238
	ΔHt.	79.313 m	0.002 m	-0.048 m	-4.295
	Ellip Dist.	14838.041 m	0.001 m	-0.001 m	-0.189
4EU2 --> BP1 (PV238)	**Az.**	131°33'02"	0.017 sec	-0.054 sec	-2.018
	ΔHt.	-91.030 m	0.006 m	-0.065 m	-4.161
	Ellip Dist.	28456.036 m	0.002 m	-0.007 m	-1.834
4BR1 --> PP27 (PV392)	**Az.**	65°20'26"	0.331 sec	0.061 sec	0.131
	ΔHt.	-2.559 m	0.004 m	-0.012 m	-3.901
	Ellip Dist.	1360.506 m	0.002 m	0.000 m	-0.040
4DP1 --> 4BR1 (PV419)	**Az.**	224°59'25"	0.007 sec	-0.031 sec	-0.516
	ΔHt.	-27.393 m	0.003 m	0.031 m	3.632
	Ellip Dist.	12525.349 m	0.000 m	0.001 m	0.387
4CU2 --> PP28 (PV409)	**Az.**	116°46'35"	0.021 sec	0.034 sec	0.705
	ΔHt.	-85.286 m	0.004 m	0.052 m	3.521
	Ellip Dist.	16492.710 m	0.002 m	-0.004 m	-1.136

4BR1 --> PP8 (PV395)	Az.	311°30'11"	0.033 sec	-0.009 sec	-0.133
	ΔHt.	33.949 m	0.004 m	-0.038 m	-3.503
	Ellip Dist.	10508.135 m	0.002 m	0.002 m	0.644
3BP2 --> BP28 (PV124)	Az.	336°12'13"	0.026 sec	0.067 sec	1.448
	ΔHt.	37.417 m	0.005 m	0.025 m	3.429
	Ellip Dist.	18221.106 m	0.003 m	-0.005 m	-1.198
4EU2 --> 4CU2 (PV487)	Az.	169°00'20"	0.007 sec	-0.075 sec	-0.920
	ΔHt.	6.088 m	0.002 m	-0.026 m	-3.321
	Ellip Dist.	9587.443 m	0.000 m	0.003 m	0.909
4CU2 --> PP14 (PV357)	Az.	100°00'54"	0.057 sec	0.072 sec	0.621
	ΔHt.	-61.977 m	0.005 m	0.033 m	3.300
	Ellip Dist.	9984.793 m	0.003 m	0.006 m	1.236
4DP1 --> BP6 (PV212)	Az.	236°25'10"	0.071 sec	-0.048 sec	-0.279
	ΔHt.	-28.471 m	0.005 m	0.012 m	0.732
	Ellip Dist.	6678.116 m	0.002 m	0.012 m	3.295
4EU2 --> BP11 (PV262)	Az.	124°57'36"	0.032 sec	-0.113 sec	-1.929
	ΔHt.	-59.554 m	0.005 m	-0.026 m	-3.278
	Ellip Dist.	16721.178 m	0.003 m	-0.007 m	-1.437
4BR1 --> PP16 (PV403)	Az.	5°03'06"	0.218 sec	-0.337 sec	-1.019
	ΔHt.	2.973 m	0.004 m	-0.013 m	-3.274
	Ellip Dist.	1990.044 m	0.002 m	0.000 m	-0.104
4BR1 --> PP15 (PV388)	Az.	303°07'48"	0.059 sec	-0.064 sec	-0.535
	ΔHt.	18.633 m	0.004 m	-0.028 m	-3.263
	Ellip Dist.	5862.716 m	0.002 m	0.008 m	2.186
4CU2 --> PP17 (PV353)	Az.	104°05'53"	0.033 sec	0.044 sec	0.702
	ΔHt.	-76.611 m	0.004 m	0.024 m	3.246
	Ellip Dist.	14668.454 m	0.002 m	-0.004 m	-0.904
4EU2 --> 4CU2 (PV62)	Az.	169°00'20"	0.007 sec	-0.059 sec	-0.794
	ΔHt.	6.088 m	0.002 m	-0.029 m	-3.184
	Ellip Dist.	9587.443 m	0.000 m	0.002 m	0.597
4EU2 --> 4BR1 (PV485)	Az.	136°37'10"	0.007 sec	-0.009 sec	-0.276
	ΔHt.	-73.225 m	0.002 m	0.025 m	3.169
	Ellip Dist.	22017.253 m	0.001 m	-0.002 m	-0.448

4DP1 --> 4BR1 (PV187)	**Az.**	224°59'25"	0.007 sec	0.042 sec	0.628
	ΔHt.	-27.393 m	0.003 m	0.035 m	3.096
	Ellip Dist.	12525.349 m	0.000 m	-0.003 m	-0.639
4BR1 --> BP13 (PV442)	**Az.**	315°19'25"	0.072 sec	-0.011 sec	-0.085
	ΔHt.	16.624 m	0.005 m	-0.032 m	-3.023
	Ellip Dist.	5681.958 m	0.002 m	0.008 m	2.215
4BR1 --> BP16 (PV397)	**Az.**	319°58'14"	0.038 sec	-0.050 sec	-0.692
	ΔHt.	31.422 m	0.004 m	-0.037 m	-3.006
	Ellip Dist.	10537.480 m	0.002 m	0.002 m	0.398
4BR1 --> BP25 (PV393)	**Az.**	324°08'16"	0.052 sec	-0.093 sec	-0.942
	ΔHt.	22.661 m	0.005 m	-0.037 m	-3.001
	Ellip Dist.	7694.583 m	0.002 m	0.007 m	1.873
4CU2 --> PP15 (PV347)	**Az.**	112°03'46"	0.039 sec	0.018 sec	0.233
	ΔHt.	-60.680 m	0.004 m	0.028 m	2.974
	Ellip Dist.	9040.674 m	0.002 m	0.001 m	0.409
4EU2 --> PP31 (PV29)	**Az.**	131°37'50"	0.017 sec	0.002 sec	0.079
	ΔHt.	-87.837 m	0.006 m	-0.035 m	-2.963
	Ellip Dist.	29150.395 m	0.002 m	-0.002 m	-0.671
4DP1 --> BP26 (PV435)	**Az.**	266°24'41"	0.058 sec	-0.055 sec	-0.537
	ΔHt.	-12.873 m	0.005 m	0.024 m	2.953
	Ellip Dist.	9740.160 m	0.002 m	0.001 m	0.284
4DP1 --> PP21 (PV21)	**Az.**	261°16'37"	0.053 sec	-0.051 sec	-0.483
	ΔHt.	-19.656 m	0.005 m	-0.006 m	-0.521
	Ellip Dist.	7263.021 m	0.002 m	0.010 m	2.921
4BR1 --> PP9 (PV391)	**Az.**	308°08'51"	0.051 sec	0.103 sec	1.067
	ΔHt.	24.573 m	0.005 m	-0.041 m	-2.880
	Ellip Dist.	7780.400 m	0.002 m	0.009 m	2.236
3BP2 --> PP11 (PV86)	**Az.**	322°08'13"	0.026 sec	-0.025 sec	-0.582
	ΔHt.	55.156 m	0.006 m	0.008 m	0.834
	Ellip Dist.	21981.396 m	0.003 m	-0.014 m	-2.835
4BR1 --> PP17 (PV394)	**Az.**	17°15'42"	0.145 sec	-0.098 sec	-0.425
	ΔHt.	2.702 m	0.004 m	-0.015 m	-2.796
	Ellip Dist.	3161.488 m	0.002 m	0.001 m	0.137

4CU2 --> BP26 (PV360)	Az.	82°24'38"	0.045 sec	0.056 sec	0.717
	ΔHt.	-64.793 m	0.005 m	0.023 m	2.792
	Ellip Dist.	12517.612 m	0.002 m	-0.004 m	-0.925
4DP1 --> BP9 (PV81)	Az.	245°28'57"	0.060 sec	-0.082 sec	-0.567
	ΔHt.	-23.664 m	0.005 m	0.013 m	0.763
	Ellip Dist.	7866.054 m	0.002 m	0.011 m	2.788
4EU2 --> BP2 (PV201)	Az.	129°53'26"	0.018 sec	0.009 sec	0.261
	ΔHt.	-87.046 m	0.004 m	-0.023 m	-2.739
	Ellip Dist.	27149.050 m	0.002 m	-0.006 m	-1.453
4EU2 --> PP29 (PV139)	Az.	128°26'40"	0.017 sec	-0.004 sec	-0.126
	ΔHt.	-78.989 m	0.005 m	-0.033 m	-2.205
	Ellip Dist.	26908.211 m	0.002 m	-0.010 m	-2.729
PP15 --> BP13 (PV445)	Az.	47°32'14"	0.387 sec	-0.057 sec	-0.116
	ΔHt.	-2.009 m	0.005 m	-0.007 m	-2.716
	Ellip Dist.	1239.244 m	0.002 m	0.003 m	0.951
4EU2 --> 4BR1 (PV188)	Az.	136°37'10"	0.007 sec	-0.007 sec	-0.212
	ΔHt.	-73.225 m	0.002 m	0.028 m	2.695
	Ellip Dist.	22017.253 m	0.001 m	0.001 m	0.346
4CU2 --> PP8 (PV558)	Az.	86°12'15"	0.065 sec	0.126 sec	0.656
	ΔHt.	-45.364 m	0.004 m	0.023 m	2.675
	Ellip Dist.	5425.252 m	0.002 m	-0.002 m	-0.471
4EU2 --> BP3 (PV74)	Az.	131°22'12"	0.019 sec	-0.065 sec	-1.703
	ΔHt.	-80.851 m	0.005 m	-0.037 m	-2.675
	Ellip Dist.	24517.351 m	0.002 m	0.001 m	0.158
PP31 --> BP2 (PV198)	Az.	334°01'15"	0.271 sec	-0.239 sec	-0.728
	ΔHt.	0.791 m	0.005 m	-0.013 m	-2.662
	Ellip Dist.	2176.047 m	0.003 m	0.003 m	0.940
4EU2 --> 3BP2 (PV48)	Az.	135°50'32"	0.007 sec	-0.015 sec	-0.775
	ΔHt.	-106.295 m	0.004 m	-0.020 m	-2.477
	Ellip Dist.	35789.094 m	0.001 m	-0.009 m	-2.611
4EU2 --> BP5 (PV251)	Az.	124°20'42"	0.023 sec	-0.107 sec	-2.582
	ΔHt.	-74.118 m	0.005 m	0.003 m	0.169
	Ellip Dist.	21270.984 m	0.002 m	0.002 m	0.379

4CU2 --> PP8 (PV354)	**Az.**	86°12'15"	0.065 sec	0.048 sec	0.376
	ΔHt.	-45.364 m	0.004 m	0.024 m	2.578
	Ellip Dist.	5425.252 m	0.002 m	0.003 m	0.883
4CU2 --> PP12 (PV358)	**Az.**	79°10'49"	0.051 sec	0.026 sec	0.271
	ΔHt.	-57.897 m	0.005 m	0.021 m	2.548
	Ellip Dist.	10655.263 m	0.002 m	-0.004 m	-1.025
4EU2 --> PP18 (PV157)	**Az.**	126°51'17"	0.033 sec	-0.078 sec	-1.299
	ΔHt.	-65.775 m	0.006 m	-0.027 m	-2.543
	Ellip Dist.	18630.342 m	0.003 m	-0.011 m	-1.984
4BR1 --> BP26 (PV401)	**Az.**	353°57'19"	0.060 sec	-0.056 sec	-0.552
	ΔHt.	14.520 m	0.005 m	-0.021 m	-2.532
	Ellip Dist.	8293.932 m	0.003 m	0.002 m	0.386
PP25 --> PP26 (PV171)	**Az.**	180°49'58"	0.407 sec	-0.313 sec	-0.622
	ΔHt.	-0.222 m	0.004 m	0.009 m	2.531
	Ellip Dist.	1271.744 m	0.003 m	0.002 m	0.509
4EU2 --> BP12 (PV224)	**Az.**	127°58'23"	0.036 sec	-0.101 sec	-1.915
	ΔHt.	-52.980 m	0.006 m	-0.043 m	-2.501
	Ellip Dist.	14901.069 m	0.003 m	0.002 m	0.555
4EU2 --> 4CU2 (PV538)	**Az.**	169°00'20"	0.007 sec	-0.163 sec	-2.060
	ΔHt.	6.088 m	0.002 m	-0.022 m	-2.473
	Ellip Dist.	9587.443 m	0.000 m	0.002 m	0.441
4CU2 --> PP13 (PV363)	**Az.**	79°07'03"	0.052 sec	0.031 sec	0.307
	ΔHt.	-61.993 m	0.005 m	0.027 m	2.467
	Ellip Dist.	12292.905 m	0.003 m	-0.004 m	-0.898
4EU2 --> PP21 (PV22)	**Az.**	116°09'30"	0.021 sec	-0.045 sec	-1.127
	ΔHt.	-65.487 m	0.004 m	-0.032 m	-2.461
	Ellip Dist.	18694.016 m	0.002 m	0.003 m	0.996
4DP1 --> BP5 (PV250)	**Az.**	232°47'43"	0.062 sec	-0.054 sec	-0.323
	ΔHt.	-28.287 m	0.005 m	0.009 m	1.167
	Ellip Dist.	8041.904 m	0.002 m	0.010 m	2.439
4CU2 --> BP7 (PV349)	**Az.**	101°36'07"	0.035 sec	0.035 sec	0.559
	ΔHt.	-70.440 m	0.005 m	0.037 m	2.437
	Ellip Dist.	12741.648 m	0.002 m	-0.001 m	-0.386

4BR1 --> BP14 (PV389)	Az.	310°50'48"	0.047 sec	-0.014 sec	-0.153
	ΔHt.	27.032 m	0.005 m	-0.035 m	-2.422
	Ellip Dist.	8723.366 m	0.002 m	0.004 m	1.271
4CU2 --> BP28 (PV123)	Az.	88°35'37"	0.032 sec	-0.026 sec	-0.424
	ΔHt.	-74.966 m	0.005 m	0.049 m	2.421
	Ellip Dist.	15713.515 m	0.002 m	0.006 m	1.301
4CU2 --> PP28 (PV94)	Az.	116°46'35"	0.021 sec	-0.001 sec	-0.021
	ΔHt.	-85.286 m	0.004 m	0.035 m	2.406
	Ellip Dist.	16492.710 m	0.002 m	0.005 m	1.217
4DP1 --> BP27 (PV11)	Az.	259°30'38"	0.058 sec	0.070 sec	0.631
	ΔHt.	-16.307 m	0.005 m	-0.006 m	-0.408
	Ellip Dist.	8954.368 m	0.002 m	0.009 m	2.395
4EU2 --> PP19 (PV108)	Az.	123°03'00"	0.025 sec	-0.021 sec	-0.512
	ΔHt.	-65.997 m	0.005 m	-0.054 m	-1.845
	Ellip Dist.	18732.525 m	0.002 m	0.011 m	2.393
4CU2 --> BP23 (PV593)	Az.	76°17'15"	0.118 sec	0.119 sec	0.670
	ΔHt.	-43.413 m	0.005 m	0.019 m	2.376
	Ellip Dist.	5049.639 m	0.003 m	-0.004 m	-1.144
4EU2 --> BP28 (PV128)	Az.	117°13'33"	0.025 sec	-0.111 sec	-2.373
	ΔHt.	-68.878 m	0.005 m	0.014 m	0.720
	Ellip Dist.	19722.158 m	0.002 m	0.004 m	0.944
4DP1 --> PP26 (PV168)	Az.	213°11'55"	0.052 sec	0.014 sec	0.134
	ΔHt.	-33.228 m	0.005 m	0.023 m	2.360
	Ellip Dist.	8676.411 m	0.002 m	0.001 m	0.277
4DP1 --> PP20 (PV12)	Az.	256°28'02"	0.060 sec	-0.103 sec	-0.733
	ΔHt.	-19.637 m	0.005 m	0.021 m	1.212
	Ellip Dist.	8195.610 m	0.002 m	0.010 m	2.357
4BR1 --> PP14 (PV398)	Az.	324°36'47"	0.089 sec	-0.020 sec	-0.121
	ΔHt.	17.336 m	0.005 m	-0.021 m	-2.355
	Ellip Dist.	5963.352 m	0.003 m	0.004 m	0.825
4CU2 --> BP13 (PV444)	Az.	105°23'39"	0.043 sec	0.044 sec	0.556
	ΔHt.	-62.689 m	0.005 m	0.028 m	2.322
	Ellip Dist.	9637.918 m	0.002 m	-0.001 m	-0.284

3BP2 --> PP10 (PV384)	Az.	318°41'57"	0.020 sec	0.083 sec	2.318
	ΔHt.	57.744 m	0.006 m	-0.016 m	-0.956
	Ellip Dist.	22061.880 m	0.002 m	-0.004 m	-1.031
4EU2 --> 3BP2 (PV486)	Az.	135°50'32"	0.007 sec	0.030 sec	1.573
	ΔHt.	-106.295 m	0.004 m	-0.012 m	-1.840
	Ellip Dist.	35789.094 m	0.001 m	-0.008 m	-2.316
3BP2 --> PP13 (PV383)	Az.	329°27'27"	0.027 sec	0.094 sec	1.438
	ΔHt.	50.391 m	0.006 m	0.025 m	2.309
	Ellip Dist.	21614.959 m	0.003 m	0.001 m	0.092
4DP1 --> 4CU2 (PV421)	Az.	264°14'06"	0.007 sec	0.014 sec	0.451
	ΔHt.	51.920 m	0.004 m	-0.013 m	-1.756
	Ellip Dist.	22245.281 m	0.001 m	-0.008 m	-2.284
4DP1 --> PP13 (PV438)	Az.	270°20'03"	0.064 sec	-0.085 sec	-0.677
	ΔHt.	-10.073 m	0.006 m	0.025 m	2.281
	Ellip Dist.	10055.814 m	0.003 m	-0.002 m	-0.329
4BR1 --> PP12 (PV399)	Az.	341°52'13"	0.054 sec	-0.037 sec	-0.378
	ΔHt.	21.416 m	0.004 m	-0.019 m	-2.248
	Ellip Dist.	9046.532 m	0.003 m	0.003 m	0.693
4DP1 --> PP24 (PV33)	Az.	225°55'09"	0.075 sec	0.605 sec	1.068
	ΔHt.	-30.956 m	0.008 m	-0.050 m	-0.890
	Ellip Dist.	6589.054 m	0.002 m	0.010 m	2.246
4BR1 --> PP31 (PV186)	Az.	116°51'43"	0.062 sec	0.068 sec	0.472
	ΔHt.	-14.612 m	0.005 m	-0.022 m	-2.246
	Ellip Dist.	7466.198 m	0.002 m	0.001 m	0.239
4EU2 --> PP28 (PV484)	Az.	135°29'18"	0.015 sec	0.004 sec	0.141
	ΔHt.	-79.198 m	0.004 m	0.029 m	2.214
	Ellip Dist.	23613.182 m	0.002 m	-0.006 m	-1.687
BP1 --> BP2 (PV227)	Az.	342°29'34"	0.372 sec	0.078 sec	0.188
	ΔHt.	3.983 m	0.005 m	-0.007 m	-2.197
	Ellip Dist.	1535.107 m	0.003 m	0.003 m	1.055
4CU2 --> BP14 (PV348)	Az.	97°38'29"	0.062 sec	0.065 sec	0.585
	ΔHt.	-52.281 m	0.005 m	0.028 m	2.191
	Ellip Dist.	6745.847 m	0.002 m	0.001 m	0.255

3BP2 --> PP9 (PV370)	Az.	312°23'14"	0.019 sec	0.076 sec	2.176
	ΔHt.	57.644 m	0.005 m	-0.018 m	-1.274
	Ellip Dist.	21525.100 m	0.002 m	0.003 m	0.673
4BR1 --> BP7 (PV390)	Az.	348°41'52"	0.103 sec	-0.061 sec	-0.358
	ΔHt.	8.873 m	0.005 m	-0.024 m	-2.132
	Ellip Dist.	4111.681 m	0.002 m	0.000 m	0.079
4CU2 --> BP25 (PV352)	Az.	92°22'22"	0.047 sec	0.030 sec	0.340
	ΔHt.	-56.652 m	0.005 m	0.026 m	2.114
	Ellip Dist.	8783.848 m	0.002 m	-0.001 m	-0.264
BP1 --> PP30 (PV230)	Az.	322°29'18"	0.303 sec	0.317 sec	0.884
	ΔHt.	7.081 m	0.006 m	-0.013 m	-2.109
	Ellip Dist.	2131.771 m	0.003 m	0.002 m	0.642
4EU2 --> BP15 (PV502)	Az.	126°49'54"	0.034 sec	0.050 sec	0.782
	ΔHt.	-45.957 m	0.006 m	-0.047 m	-2.104
	Ellip Dist.	12447.453 m	0.002 m	0.001 m	0.261
BP29 --> PP26 (PV170)	Az.	145°12'30"	0.596 sec	-0.423 sec	-0.636
	ΔHt.	-1.646 m	0.004 m	0.007 m	2.097
	Ellip Dist.	964.440 m	0.003 m	0.000 m	0.151
3BP2 --> BP1 (PV234)	Az.	332°01'00"	0.063 sec	0.012 sec	0.101
	ΔHt.	15.266 m	0.006 m	-0.011 m	-0.644
	Ellip Dist.	7712.620 m	0.002 m	0.008 m	2.096
4BR1 --> PP10 (PV405)	Az.	325°09'11"	0.049 sec	-0.032 sec	-0.365
	ΔHt.	24.674 m	0.005 m	-0.034 m	-2.095
	Ellip Dist.	8371.538 m	0.002 m	0.002 m	0.620
4DP1 --> BP28 (PV127)	Az.	253°38'45"	0.076 sec	-0.222 sec	-1.108
	ΔHt.	-23.047 m	0.005 m	0.013 m	1.613
	Ellip Dist.	6693.993 m	0.002 m	0.010 m	2.088
4EU2 --> PP11 (PV90)	Az.	126°15'14"	0.043 sec	-0.108 sec	-1.362
	ΔHt.	-51.139 m	0.005 m	-0.022 m	-2.086
	Ellip Dist.	14131.499 m	0.003 m	-0.001 m	-0.247
4DP1 --> PP12 (PV433)	Az.	268°43'52"	0.047 sec	-0.064 sec	-0.731
	ΔHt.	-5.977 m	0.005 m	0.017 m	2.077
	Ellip Dist.	11665.230 m	0.002 m	0.000 m	-0.071

3BP2 --> PP31 (PV44)	Az.	333°39'57"	0.069 sec	0.054 sec	0.403
	ΔHt.	18.458 m	0.006 m	0.002 m	0.148
	Ellip Dist.	7050.263 m	0.002 m	0.008 m	2.074
4DP1 --> PP30 (PV117)	Az.	201°37'45"	0.046 sec	0.002 sec	0.021
	ΔHt.	-38.118 m	0.006 m	0.026 m	2.068
	Ellip Dist.	10815.887 m	0.003 m	-0.001 m	-0.151
4CU2 --> PP5 (PV541)	Az.	44°03'23"	0.106 sec	-0.108 sec	-0.685
	ΔHt.	-34.666 m	0.005 m	0.015 m	2.041
	Ellip Dist.	5715.672 m	0.003 m	-0.004 m	-0.960
PP8 --> BP14 (PV324)	Az.	134°39'36"	0.271 sec	-0.018 sec	-0.052
	ΔHt.	-6.917 m	0.005 m	0.006 m	2.041
	Ellip Dist.	1788.135 m	0.002 m	0.004 m	1.353
3BP2 --> PP25 (PV53)	Az.	335°45'10"	0.027 sec	0.093 sec	1.258
	ΔHt.	27.459 m	0.004 m	0.019 m	2.027
	Ellip Dist.	13784.151 m	0.002 m	-0.008 m	-1.392
PP29 --> PP26 (PV160)	Az.	321°43'20"	0.197 sec	-0.068 sec	-0.272
	ΔHt.	-0.070 m	0.005 m	-0.010 m	-1.996
	Ellip Dist.	2981.227 m	0.003 m	0.003 m	0.952
4EU2 --> BP6 (PV213)	Az.	120°28'40"	0.021 sec	-0.073 sec	-1.980
	ΔHt.	-74.303 m	0.005 m	-0.025 m	-0.471
	Ellip Dist.	21351.425 m	0.002 m	0.002 m	0.566
4DP1 --> BP10 (PV14)	Az.	267°26'21"	0.062 sec	-0.076 sec	-0.780
	ΔHt.	-14.441 m	0.005 m	-0.011 m	-0.691
	Ellip Dist.	8801.626 m	0.002 m	0.007 m	1.974
4DP1 --> PP25 (PV15)	Az.	218°18'44"	0.046 sec	-0.055 sec	-0.277
	ΔHt.	-33.005 m	0.004 m	0.016 m	1.690
	Ellip Dist.	7632.281 m	0.002 m	0.011 m	1.955
4CU2 --> PP19 (PV103)	Az.	93°19'50"	0.034 sec	-0.035 sec	-0.563
	ΔHt.	-72.085 m	0.005 m	-0.018 m	-0.653
	Ellip Dist.	13896.388 m	0.002 m	0.007 m	1.949
3BP2 --> PP29 (PV135)	Az.	336°49'21"	0.048 sec	0.031 sec	0.354
	ΔHt.	27.307 m	0.006 m	-0.007 m	-0.407
	Ellip Dist.	9741.752 m	0.002 m	0.008 m	1.932

4DP1 --> PP18 (PV156)	Az.	246°01'03"	0.065 sec	0.106 sec	0.725
	ΔHt.	-19.944 m	0.006 m	0.012 m	0.904
	Ellip Dist.	9914.297 m	0.003 m	0.009 m	1.893
4EU2 --> 4DP1 (PV10)	Az.	106°33'26"	0.007 sec	-0.008 sec	-0.303
	ΔHt.	-45.831 m	0.003 m	-0.016 m	-1.887
	Ellip Dist.	24991.878 m	0.001 m	0.004 m	1.057
4EU2 --> BP17 (PV576)	Az.	140°00'10"	0.057 sec	-0.165 sec	-1.883
	ΔHt.	-33.861 m	0.005 m	-0.018 m	-0.898
	Ellip Dist.	8925.516 m	0.003 m	0.003 m	0.767
3BP2 --> PP21 (PV45)	Az.	335°05'10"	0.019 sec	0.007 sec	0.199
	ΔHt.	40.808 m	0.004 m	0.004 m	0.369
	Ellip Dist.	19246.565 m	0.002 m	-0.006 m	-1.871
3BP2 --> BP8 (PV42)	Az.	321°39'47"	0.020 sec	-0.084 sec	-1.807
	ΔHt.	48.413 m	0.005 m	0.018 m	0.716
	Ellip Dist.	19528.618 m	0.002 m	-0.009 m	-1.845
4CU2 --> BP16 (PV356)	Az.	77°17'52"	0.062 sec	0.096 sec	0.857
	ΔHt.	-47.891 m	0.005 m	0.021 m	1.843
	Ellip Dist.	6667.267 m	0.002 m	0.002 m	0.524
4CU2 --> PP27 (PV351)	Az.	112°31'15"	0.029 sec	0.033 sec	0.643
	ΔHt.	-81.872 m	0.004 m	0.028 m	1.827
	Ellip Dist.	15727.714 m	0.002 m	-0.004 m	-1.124
3BP2 --> 4CU2 (PV55)	Az.	305°17'32"	0.007 sec	0.011 sec	0.469
	ΔHt.	112.384 m	0.003 m	-0.001 m	-0.105
	Ellip Dist.	28254.345 m	0.001 m	-0.006 m	-1.815
4CU2 --> BP5 (PV246)	Az.	99°21'20"	0.031 sec	-0.046 sec	-0.790
	ΔHt.	-80.206 m	0.005 m	0.037 m	1.806
	Ellip Dist.	15945.637 m	0.002 m	0.004 m	0.937
BP3 --> PP29 (PV133)	Az.	101°14'14"	0.203 sec	0.059 sec	0.235
	ΔHt.	1.863 m	0.006 m	-0.016 m	-1.798
	Ellip Dist.	2726.900 m	0.003 m	0.002 m	0.744
BP8 --> PP23 (PV145)	Az.	95°17'53"	0.095 sec	-0.834 sec	-1.794
	ΔHt.	-15.774 m	0.008 m	-0.004 m	-0.380
	Ellip Dist.	7923.159 m	0.003 m	0.006 m	1.015

4EU2 --> 4DP1 (PV483)	Az.	106°33'26"	0.007 sec	0.004 sec	0.152
	ΔHt.	-45.831 m	0.003 m	-0.012 m	-1.744
	Ellip Dist.	24991.878 m	0.001 m	-0.007 m	-1.793
4CU2 --> BP8 (PV56)	Az.	95°06'49"	0.036 sec	0.179 sec	1.764
	ΔHt.	-63.970 m	0.004 m	0.010 m	0.366
	Ellip Dist.	10994.476 m	0.002 m	0.008 m	1.289
4EU2 --> PP23 (PV148)	Az.	118°15'33"	0.028 sec	-0.069 sec	-1.754
	ΔHt.	-73.656 m	0.008 m	-0.003 m	-0.119
	Ellip Dist.	23466.487 m	0.003 m	-0.005 m	-0.975
3BP2 --> BP12 (PV220)	Az.	321°31'51"	0.025 sec	0.017 sec	0.497
	ΔHt.	53.315 m	0.006 m	-0.002 m	-0.152
	Ellip Dist.	21127.062 m	0.003 m	-0.007 m	-1.735
3BP2 --> PP12 (PV378)	Az.	325°28'10"	0.023 sec	0.045 sec	0.932
	ΔHt.	54.486 m	0.005 m	0.013 m	1.730
	Ellip Dist.	22212.425 m	0.003 m	0.000 m	0.104
4EU2 --> PP25 (PV8)	Az.	124°17'49"	0.016 sec	-0.080 sec	-1.727
	ΔHt.	-78.837 m	0.004 m	0.001 m	0.088
	Ellip Dist.	23288.015 m	0.002 m	0.002 m	0.312
PP31 --> PP30 (PV115)	Az.	320°39'36"	0.233 sec	-0.129 sec	-0.361
	ΔHt.	3.888 m	0.006 m	-0.019 m	-1.727
	Ellip Dist.	2822.863 m	0.003 m	0.003 m	0.849
4EU2 --> PP27 (PV492)	Az.	133°19'59"	0.020 sec	-0.004 sec	-0.128
	ΔHt.	-75.784 m	0.004 m	0.007 m	0.462
	Ellip Dist.	22488.890 m	0.002 m	-0.006 m	-1.687
PP15 --> BP7 (PV330)	Az.	78°34'03"	0.126 sec	0.069 sec	0.365
	ΔHt.	-9.760 m	0.005 m	0.009 m	1.682
	Ellip Dist.	4186.445 m	0.002 m	0.001 m	0.234
4BR1 --> BP24 (PV400)	Az.	324°18'40"	0.036 sec	0.014 sec	0.219
	ΔHt.	35.140 m	0.007 m	-0.039 m	-1.681
	Ellip Dist.	11895.313 m	0.002 m	0.003 m	0.701
4DP1 --> PP8 (PV429)	Az.	263°33'28"	0.022 sec	-0.018 sec	-0.411
	ΔHt.	6.556 m	0.005 m	-0.008 m	-0.748
	Ellip Dist.	16824.849 m	0.002 m	-0.006 m	-1.673

PP15 --> PP28 (PV410)	Az.	122°29'46"	0.061 sec	0.058 sec	0.505
	ΔHt.	-24.607 m	0.004 m	0.011 m	1.672
	Ellip Dist.	7519.401 m	0.002 m	0.001 m	0.252
4BR1 --> BP30 (PV406)	Az.	343°31'41"	0.168 sec	-0.198 sec	-0.752
	ΔHt.	6.013 m	0.004 m	-0.015 m	-1.665
	Ellip Dist.	2544.386 m	0.002 m	0.002 m	0.457
3BP2 --> BP3 (PV70)	Az.	325°33'12"	0.040 sec	0.138 sec	1.662
	ΔHt.	25.444 m	0.005 m	-0.003 m	-0.188
	Ellip Dist.	11506.300 m	0.002 m	0.001 m	0.183
BP3 --> BP1 (PV232)	Az.	132°47'00"	0.146 sec	0.019 sec	0.099
	ΔHt.	-10.179 m	0.006 m	-0.020 m	-1.652
	Ellip Dist.	3939.564 m	0.003 m	0.002 m	0.621
4CU2 --> BP3 (PV69)	Az.	112°18'01"	0.025 sec	-0.004 sec	-0.088
	ΔHt.	-86.939 m	0.005 m	-0.012 m	-0.849
	Ellip Dist.	17908.892 m	0.002 m	0.006 m	1.645
4EU2 --> PP20 (PV5)	Az.	119°31'53"	0.026 sec	-0.091 sec	-1.644
	ΔHt.	-65.469 m	0.005 m	-0.025 m	-0.468
	Ellip Dist.	18380.173 m	0.002 m	0.000 m	-0.058
PP21 --> BP28 (PV126)	Az.	135°58'53"	0.485 sec	-0.014 sec	-0.025
	ΔHt.	-3.391 m	0.004 m	-0.005 m	-1.642
	Ellip Dist.	1088.583 m	0.003 m	-0.002 m	-0.698
4CU2 --> BP4 (PV60)	Az.	107°43'18"	0.028 sec	0.086 sec	1.638
	ΔHt.	-83.036 m	0.005 m	-0.001 m	-0.052
	Ellip Dist.	16499.146 m	0.002 m	0.005 m	1.180
4EU2 --> BP4 (PV18)	Az.	129°26'10"	0.021 sec	0.007 sec	0.180
	ΔHt.	-76.948 m	0.005 m	-0.029 m	-1.637
	Ellip Dist.	22717.688 m	0.002 m	0.001 m	0.199
PP24 --> PP25 (PV36)	Az.	179°54'08"	0.372 sec	0.363 sec	0.700
	ΔHt.	-2.049 m	0.008 m	-0.007 m	-0.814
	Ellip Dist.	1404.805 m	0.003 m	0.006 m	1.633
4CU2 --> PP9 (PV350)	Az.	104°04'00"	0.056 sec	0.057 sec	0.544
	ΔHt.	-54.740 m	0.005 m	0.023 m	1.633
	Ellip Dist.	7388.956 m	0.002 m	0.001 m	0.363

3BP2 --> BP14 (PV368)	Az.	313°15'28"	0.019 sec	0.056 sec	1.628
	ΔHt.	60.103 m	0.006 m	-0.005 m	-0.355
	Ellip Dist.	22488.456 m	0.002 m	0.000 m	0.020
3BP2 --> BP10 (PV52)	Az.	331°50'38"	0.025 sec	-0.005 sec	-0.148
	ΔHt.	46.023 m	0.005 m	0.023 m	1.626
	Ellip Dist.	20601.826 m	0.003 m	-0.004 m	-1.199
4EU2 --> PP6 (PV523)	Az.	145°20'53"	0.067 sec	-0.165 sec	-1.608
	ΔHt.	-28.476 m	0.005 m	-0.008 m	-0.927
	Ellip Dist.	7741.239 m	0.003 m	0.002 m	0.462
3BP2 --> PP27 (PV371)	Az.	320°12'59"	0.034 sec	0.032 sec	0.540
	ΔHt.	30.512 m	0.004 m	-0.004 m	-0.269
	Ellip Dist.	13358.096 m	0.002 m	0.006 m	1.606
4BR1 --> BP8 (PV396)	Az.	337°25'56"	0.059 sec	0.004 sec	0.028
	ΔHt.	15.343 m	0.004 m	-0.028 m	-1.604
	Ellip Dist.	6082.334 m	0.002 m	0.004 m	0.941
4EU2 --> PP3 (PV525)	Az.	184°20'13"	0.193 sec	-0.417 sec	-1.602
	ΔHt.	-10.216 m	0.005 m	-0.003 m	-0.487
	Ellip Dist.	2451.688 m	0.002 m	0.002 m	0.572
4EU2 --> PP28 (PV99)	Az.	135°29'18"	0.015 sec	-0.062 sec	-1.594
	ΔHt.	-79.198 m	0.004 m	0.009 m	0.650
	Ellip Dist.	23613.182 m	0.002 m	-0.002 m	-0.397
3BP2 --> 4BR1 (PV185)	Az.	314°44'51"	0.007 sec	0.073 sec	1.156
	ΔHt.	33.071 m	0.002 m	0.029 m	1.592
	Ellip Dist.	13777.104 m	0.000 m	-0.002 m	-0.591
BP27 --> PP23 (PV149)	Az.	113°03'03"	0.125 sec	-0.051 sec	-0.400
	ΔHt.	-11.519 m	0.008 m	-0.001 m	-0.134
	Ellip Dist.	5989.182 m	0.003 m	0.006 m	1.587
4CU2 --> PP29 (PV134)	Az.	110°49'53"	0.022 sec	0.034 sec	0.858
	ΔHt.	-85.077 m	0.005 m	-0.004 m	-0.274
	Ellip Dist.	20590.984 m	0.002 m	-0.006 m	-1.586
4BR1 --> BP15 (PV402)	Az.	328°57'10"	0.041 sec	-0.008 sec	-0.108
	ΔHt.	27.267 m	0.005 m	-0.031 m	-1.585
	Ellip Dist.	9977.937 m	0.002 m	0.002 m	0.450

4DP1 --> PP28 (PV418)	Az.	217°26'23"	0.027 sec	-0.056 sec	-0.914
	ΔHt.	-33.367 m	0.004 m	0.023 m	1.582
	Ellip Dist.	12214.628 m	0.002 m	0.001 m	0.341
PP15 --> PP16 (PV343)	Az.	103°28'59"	0.104 sec	0.015 sec	0.088
	ΔHt.	-15.660 m	0.005 m	0.011 m	1.582
	Ellip Dist.	5229.616 m	0.003 m	0.002 m	0.398
4CU2 --> PP10 (PV364)	Az.	88°10'39"	0.049 sec	0.052 sec	0.569
	ΔHt.	-54.639 m	0.005 m	0.027 m	1.577
	Ellip Dist.	8504.156 m	0.002 m	0.000 m	-0.001
PP25 --> BP2 (PV203)	Az.	159°45'11"	0.116 sec	-0.058 sec	-0.326
	ΔHt.	-8.210 m	0.004 m	0.010 m	1.574
	Ellip Dist.	4574.823 m	0.003 m	0.004 m	0.898
4EU2 --> BP14 (PV489)	Az.	140°26'26"	0.032 sec	0.033 sec	0.572
	ΔHt.	-46.192 m	0.005 m	-0.023 m	-1.548
	Ellip Dist.	13369.233 m	0.002 m	-0.001 m	-0.354
BP6 --> PP25 (PV215)	Az.	160°02'22"	0.208 sec	-0.098 sec	-0.317
	ΔHt.	-4.534 m	0.005 m	0.006 m	0.948
	Ellip Dist.	2441.058 m	0.003 m	0.006 m	1.545
BP25 --> BP14 (PV323)	Az.	255°44'18"	0.241 sec	0.105 sec	0.346
	ΔHt.	4.371 m	0.006 m	-0.017 m	-1.543
	Ellip Dist.	2157.348 m	0.002 m	0.000 m	0.055
3BP2 --> PP16 (PV382)	Az.	320°33'47"	0.030 sec	0.081 sec	1.542
	ΔHt.	36.044 m	0.004 m	-0.015 m	-0.831
	Ellip Dist.	15124.462 m	0.002 m	0.002 m	0.363
4DP1 --> BP12 (PV223)	Az.	260°37'37"	0.045 sec	0.068 sec	0.913
	ΔHt.	-7.148 m	0.006 m	-0.024 m	-1.532
	Ellip Dist.	12379.430 m	0.002 m	0.003 m	0.713
PP28 --> BP8 (PV414)	Az.	329°45'30"	0.062 sec	0.049 sec	0.450
	ΔHt.	21.316 m	0.005 m	-0.028 m	-1.526
	Ellip Dist.	7472.869 m	0.002 m	0.003 m	0.718
4EU2 --> BP27 (PV4)	Az.	120°04'09"	0.029 sec	-0.072 sec	-1.521
	ΔHt.	-62.138 m	0.005 m	-0.020 m	-1.256
	Ellip Dist.	17511.631 m	0.002 m	-0.001 m	-0.155

PP15 --> PP14 (PV338)	**Az.**	41°16'26"	0.279 sec	0.153 sec	0.457
	ΔHt.	-1.297 m	0.005 m	0.008 m	1.518
	Ellip Dist.	2206.340 m	0.003 m	-0.001 m	-0.175
3BP2 --> BP30 (PV385)	**Az.**	319°07'56"	0.028 sec	0.074 sec	1.514
	ΔHt.	39.083 m	0.005 m	-0.008 m	-0.508
	Ellip Dist.	16052.926 m	0.002 m	0.001 m	0.314
4CU2 --> PP7 (PV539)	**Az.**	61°35'57"	0.097 sec	0.015 sec	0.109
	ΔHt.	-41.858 m	0.006 m	0.018 m	0.965
	Ellip Dist.	5893.273 m	0.003 m	-0.006 m	-1.513
3BP2 --> PP14 (PV377)	**Az.**	317°44'28"	0.028 sec	0.079 sec	1.513
	ΔHt.	50.407 m	0.005 m	0.005 m	0.561
	Ellip Dist.	19678.092 m	0.003 m	-0.001 m	-0.221
4EU2 --> PP10 (PV505)	**Az.**	131°30'20"	0.031 sec	0.012 sec	0.211
	ΔHt.	-48.551 m	0.005 m	-0.027 m	-1.484
	Ellip Dist.	13791.360 m	0.002 m	0.001 m	0.152
4EU2 --> BP20 (PV549)	**Az.**	153°56'16"	0.071 sec	-0.172 sec	-1.479
	ΔHt.	-22.672 m	0.004 m	-0.007 m	-0.728
	Ellip Dist.	6104.608 m	0.002 m	0.004 m	1.136
4EU2 --> PP8 (PV495)	**Az.**	141°20'15"	0.030 sec	-0.029 sec	-0.444
	ΔHt.	-39.275 m	0.004 m	0.000 m	-0.013
	Ellip Dist.	11591.747 m	0.002 m	0.006 m	1.478
PP15 --> BP26 (PV341)	**Az.**	38°38'24"	0.090 sec	0.044 sec	0.337
	ΔHt.	-4.113 m	0.005 m	-0.011 m	-1.478
	Ellip Dist.	6459.812 m	0.003 m	-0.002 m	-0.347
BP1 --> BP4 (PV236)	**Az.**	319°57'54"	0.102 sec	0.040 sec	0.288
	ΔHt.	14.082 m	0.006 m	0.023 m	1.475
	Ellip Dist.	5814.543 m	0.003 m	0.001 m	0.205
BP7 --> PP16 (PV320)	**Az.**	154°25'01"	0.245 sec	0.064 sec	0.225
	ΔHt.	-5.900 m	0.005 m	0.014 m	1.472
	Ellip Dist.	2272.325 m	0.003 m	0.001 m	0.308
4CU2 --> BP29 (PV65)	**Az.**	103°59'10"	0.026 sec	0.038 sec	0.849
	ΔHt.	-83.502 m	0.005 m	0.022 m	1.459
	Ellip Dist.	17356.392 m	0.002 m	0.001 m	0.351

BP16 --> PP12 (PV274)	Az.	82°21'35"	0.157 sec	-0.024 sec	-0.113
	ΔHt.	-10.006 m	0.005 m	-0.009 m	-1.457
	Ellip Dist.	3997.601 m	0.003 m	0.002 m	0.547
3BP2 --> BP24 (PV379)	Az.	319°12'17"	0.017 sec	0.042 sec	1.453
	ΔHt.	68.211 m	0.007 m	-0.027 m	-1.195
	Ellip Dist.	25582.464 m	0.002 m	-0.004 m	-0.909
4CU2 --> BP30 (PV365)	Az.	108°17'30"	0.034 sec	0.027 sec	0.433
	ΔHt.	-73.300 m	0.005 m	0.023 m	1.449
	Ellip Dist.	13236.703 m	0.002 m	0.001 m	0.383
3BP2 --> BP11 (PV258)	Az.	325°14'48"	0.026 sec	-0.010 sec	-0.242
	ΔHt.	46.741 m	0.005 m	-0.001 m	-0.086
	Ellip Dist.	19624.161 m	0.003 m	-0.006 m	-1.443
BP2 --> PP26 (PV191)	Az.	332°04'26"	0.174 sec	-0.148 sec	-0.656
	ΔHt.	7.987 m	0.004 m	-0.009 m	-1.443
	Ellip Dist.	3418.918 m	0.003 m	0.002 m	0.482
4CU2 --> BP2 (PV196)	Az.	112°50'31"	0.023 sec	0.064 sec	1.437
	ΔHt.	-93.135 m	0.004 m	0.006 m	0.708
	Ellip Dist.	20617.497 m	0.002 m	-0.002 m	-0.501
4DP1 --> PP19 (PV107)	Az.	249°35'36"	0.054 sec	-0.078 sec	-0.691
	ΔHt.	-20.165 m	0.005 m	0.009 m	0.616
	Ellip Dist.	8814.959 m	0.002 m	0.005 m	1.435
4EU2 --> PP22 (PV180)	Az.	116°03'40"	0.022 sec	-0.043 sec	-1.144
	ΔHt.	-71.794 m	0.006 m	-0.111 m	-1.433
	Ellip Dist.	21745.547 m	0.002 m	-0.004 m	-0.873
4DP1 --> BP11 (PV261)	Az.	256°39'09"	0.052 sec	0.106 sec	1.001
	ΔHt.	-13.723 m	0.005 m	0.005 m	0.509
	Ellip Dist.	10542.579 m	0.002 m	0.006 m	1.421
PP15 --> BP30 (PV346)	Az.	100°18'45"	0.126 sec	0.155 sec	0.795
	ΔHt.	-12.620 m	0.005 m	0.009 m	1.419
	Ellip Dist.	4257.336 m	0.002 m	0.002 m	0.571
PP15 --> PP8 (PV335)	Az.	321°45'07"	0.092 sec	-0.023 sec	-0.158
	ΔHt.	15.316 m	0.005 m	-0.012 m	-1.411
	Ellip Dist.	4784.686 m	0.002 m	0.002 m	0.700

BP1 --> BP29 (PV239)	Az.	333°39'28"	0.097 sec	0.008 sec	0.063
	ΔHt.	13.616 m	0.006 m	0.022 m	1.410
	Ellip Dist.	5888.520 m	0.003 m	0.002 m	0.431
4EU2 --> BP16 (PV497)	Az.	133°38'03"	0.036 sec	0.013 sec	0.187
	ΔHt.	-41.803 m	0.005 m	-0.002 m	-0.166
	Ellip Dist.	11512.463 m	0.002 m	0.006 m	1.407
3BP2 --> PP17 (PV373)	Az.	325°11'06"	0.031 sec	0.001 sec	0.015
	ΔHt.	35.773 m	0.004 m	0.004 m	0.617
	Ellip Dist.	15489.694 m	0.002 m	0.006 m	1.405
3BP2 --> BP5 (PV247)	Az.	331°49'39"	0.030 sec	0.073 sec	1.395
	ΔHt.	32.177 m	0.005 m	0.008 m	1.104
	Ellip Dist.	15534.634 m	0.002 m	-0.004 m	-0.855
4EU2 --> BP8 (PV39)	Az.	129°06'37"	0.024 sec	-0.019 sec	-0.333
	ΔHt.	-57.882 m	0.005 m	-0.036 m	-1.390
	Ellip Dist.	16469.679 m	0.002 m	0.004 m	0.746
4CU2 --> PP6 (PV543)	Az.	40°13'30"	0.140 sec	-0.018 sec	-0.094
	ΔHt.	-34.564 m	0.005 m	0.010 m	0.720
	Ellip Dist.	3985.349 m	0.003 m	-0.005 m	-1.384
3BP2 --> BP8 (PV375)	Az.	321°39'47"	0.020 sec	0.049 sec	1.199
	ΔHt.	48.413 m	0.005 m	-0.001 m	-0.070
	Ellip Dist.	19528.618 m	0.002 m	-0.005 m	-1.384
PP21 --> BP8 (PV37)	Az.	241°51'50"	0.112 sec	-0.235 sec	-1.203
	ΔHt.	7.605 m	0.005 m	-0.009 m	-0.603
	Ellip Dist.	4540.254 m	0.002 m	0.005 m	1.382
PP31 --> BP1 (PV235)	Az.	315°02'19"	0.838 sec	-1.200 sec	-1.381
	ΔHt.	-3.193 m	0.005 m	0.001 m	0.229
	Ellip Dist.	695.526 m	0.003 m	0.001 m	0.453
4DP1 --> PP11 (PV89)	Az.	264°31'38"	0.051 sec	0.002 sec	0.019
	ΔHt.	-5.308 m	0.006 m	0.018 m	1.380
	Ellip Dist.	12620.455 m	0.003 m	0.004 m	0.888
PP31 --> PP26 (PV166)	Az.	332°50'04"	0.109 sec	-0.121 sec	-0.674
	ΔHt.	8.778 m	0.006 m	-0.015 m	-1.377
	Ellip Dist.	5594.203 m	0.003 m	0.001 m	0.260

4CU2 --> BP18 (PV536)	Az.	29°41'31"	0.136 sec	-0.160 sec	-0.838
	ΔHt.	-34.486 m	0.006 m	0.006 m	0.425
	Ellip Dist.	4376.326 m	0.003 m	-0.005 m	-1.373
3BP2 --> BP2 (PV197)	Az.	333°45'14"	0.053 sec	0.000 sec	-0.003
	ΔHt.	19.249 m	0.004 m	-0.010 m	-1.290
	Ellip Dist.	9226.275 m	0.002 m	0.006 m	1.366
4DP1 --> BP2 (PV200)	Az.	197°02'11"	0.042 sec	0.063 sec	0.760
	ΔHt.	-41.215 m	0.005 m	0.011 m	1.364
	Ellip Dist.	10753.409 m	0.002 m	0.004 m	0.759
4DP1 --> BP29 (PV13)	Az.	219°20'07"	0.053 sec	-0.033 sec	-0.338
	ΔHt.	-31.582 m	0.005 m	0.022 m	1.354
	Ellip Dist.	8362.404 m	0.002 m	0.005 m	1.309
BP7 --> BP8 (PV318)	Az.	316°01'48"	0.240 sec	0.119 sec	0.396
	ΔHt.	6.470 m	0.006 m	-0.002 m	-0.242
	Ellip Dist.	2201.629 m	0.003 m	0.004 m	1.352
4CU2 --> BP1 (PV233)	Az.	115°56'06"	0.022 sec	-0.018 sec	-0.450
	ΔHt.	-97.118 m	0.005 m	-0.022 m	-1.345
	Ellip Dist.	21645.279 m	0.002 m	-0.002 m	-0.503
BP5 --> PP25 (PV253)	Az.	123°53'38"	0.270 sec	0.143 sec	0.383
	ΔHt.	-4.719 m	0.005 m	0.007 m	1.236
	Ellip Dist.	2017.117 m	0.003 m	0.005 m	1.332
4CU2 --> BP24 (PV359)	Az.	64°14'48"	0.066 sec	0.160 sec	1.326
	ΔHt.	-44.173 m	0.007 m	0.025 m	1.120
	Ellip Dist.	7039.031 m	0.002 m	-0.001 m	-0.141
3BP2 --> PP30 (PV114)	Az.	329°57'44"	0.057 sec	0.141 sec	1.155
	ΔHt.	22.346 m	0.005 m	-0.006 m	-0.483
	Ellip Dist.	9821.425 m	0.003 m	0.007 m	1.324
BP8 --> PP17 (PV290)	Az.	128°25'39"	0.134 sec	0.088 sec	0.475
	ΔHt.	-12.640 m	0.005 m	0.000 m	0.017
	Ellip Dist.	4177.960 m	0.003 m	0.005 m	1.317
PP25 --> PP30 (PV120)	Az.	169°35'24"	0.140 sec	-0.056 sec	-0.234
	ΔHt.	-5.112 m	0.005 m	0.014 m	1.314
	Ellip Dist.	4133.371 m	0.003 m	0.003 m	0.661

PP25 --> BP1 (PV240)	Az.	160°26'18"	0.086 sec	0.018 sec	0.136
	ΔHt.	-12.193 m	0.006 m	-0.020 m	-1.304
	Ellip Dist.	6108.628 m	0.003 m	0.003 m	0.812
BP29 --> PP30 (PV119)	Az.	159°50'55"	0.166 sec	-0.248 sec	-0.744
	ΔHt.	-6.536 m	0.006 m	0.017 m	1.301
	Ellip Dist.	3819.514 m	0.003 m	-0.007 m	-1.075
3BP2 --> PP23 (PV144)	Az.	343°50'10"	0.038 sec	0.005 sec	0.097
	ΔHt.	32.639 m	0.008 m	0.017 m	0.759
	Ellip Dist.	15176.287 m	0.003 m	0.005 m	1.300
PP3 --> PP4 (PV515)	Az.	128°19'16"	0.212 sec	0.131 sec	0.551
	ΔHt.	-11.068 m	0.005 m	-0.012 m	-1.290
	Ellip Dist.	2848.418 m	0.003 m	0.000 m	-0.090
4EU2 --> BP18 (PV531)	Az.	144°32'17"	0.076 sec	-0.108 sec	-0.983
	ΔHt.	-28.398 m	0.006 m	-0.008 m	-0.426
	Ellip Dist.	6886.834 m	0.003 m	0.006 m	1.285
4EU2 --> BP26 (PV501)	Az.	118°34'54"	0.034 sec	0.042 sec	0.676
	ΔHt.	-58.704 m	0.005 m	0.010 m	1.285
	Ellip Dist.	16211.695 m	0.003 m	0.006 m	0.950
4EU2 --> BP9 (PV82)	Az.	121°45'31"	0.023 sec	-0.051 sec	-1.284
	ΔHt.	-69.495 m	0.005 m	-0.017 m	-0.343
	Ellip Dist.	19766.516 m	0.002 m	0.004 m	0.979
4CU2 --> PP31 (PV53)	Az.	116°30'59"	0.021 sec	0.021 sec	0.534
	ΔHt.	-93.925 m	0.006 m	0.005 m	0.380
	Ellip Dist.	22304.117 m	0.002 m	-0.005 m	-1.279
BP26 --> PP13 (PV267)	Az.	333°20'53"	0.895 sec	-0.249 sec	-0.311
	ΔHt.	2.800 m	0.005 m	-0.003 m	-1.046
	Ellip Dist.	747.387 m	0.004 m	-0.004 m	-1.274
4DP1 --> BP8 (PV430)	Az.	253°50'47"	0.034 sec	-0.038 sec	-0.483
	ΔHt.	-12.051 m	0.005 m	-0.002 m	-0.089
	Ellip Dist.	11644.053 m	0.002 m	-0.005 m	-1.274
4CU2 --> BP20 (PV546)	Az.	12°16'21"	0.108 sec	-0.211 sec	-1.274
	ΔHt.	-28.760 m	0.004 m	0.008 m	1.034
	Ellip Dist.	4019.290 m	0.002 m	0.000 m	0.042

BP12 --> PP11 (PV218)	Az.	336°41'44"	0.730 sec	0.356 sec	0.524
	ΔHt.	1.841 m	0.006 m	-0.004 m	-1.273
	Ellip Dist.	884.210 m	0.004 m	0.001 m	0.298
PP15 --> BP8 (PV336)	Az.	46°50'34"	0.138 sec	-0.062 sec	-0.276
	ΔHt.	-3.290 m	0.005 m	0.007 m	1.271
	Ellip Dist.	3528.761 m	0.002 m	0.002 m	0.436
PP28 --> BP7 (PV411)	Az.	335°20'52"	0.094 sec	-0.018 sec	-0.137
	ΔHt.	14.846 m	0.005 m	-0.016 m	-1.270
	Ellip Dist.	5359.496 m	0.002 m	0.002 m	0.568
4DP1 --> PP15 (PV422)	Az.	247°40'51"	0.024 sec	0.016 sec	0.331
	ΔHt.	-8.760 m	0.004 m	0.012 m	1.257
	Ellip Dist.	14876.431 m	0.002 m	0.000 m	-0.135
4EU2 --> PP26 (PV169)	Az.	126°49'32"	0.021 sec	-0.024 sec	-0.579
	ΔHt.	-79.059 m	0.005 m	-0.014 m	-1.255
	Ellip Dist.	24014.774 m	0.002 m	-0.003 m	-0.762
4CU2 --> BP21 (PV583)	Az.	17°47'06"	0.104 sec	-0.074 sec	-0.500
	ΔHt.	-28.995 m	0.005 m	0.008 m	1.254
	Ellip Dist.	5506.583 m	0.003 m	0.002 m	0.500
PP28 --> PP27 (PV412)	Az.	352°09'21"	0.354 sec	-0.174 sec	-0.397
	ΔHt.	3.414 m	0.004 m	0.004 m	1.253
	Ellip Dist.	1419.685 m	0.003 m	0.003 m	0.976
PP15 --> PP12 (PV339)	Az.	21°11'46"	0.098 sec	-0.042 sec	-0.287
	ΔHt.	2.783 m	0.005 m	-0.009 m	-1.253
	Ellip Dist.	5785.664 m	0.003 m	0.001 m	0.305
3BP2 --> BP15 (PV381)	Az.	320°43'58"	0.018 sec	0.038 sec	1.251
	ΔHt.	60.338 m	0.006 m	-0.020 m	-1.058
	Ellip Dist.	23575.982 m	0.002 m	-0.004 m	-1.148
PP3 --> BP19 (PV510)	Az.	123°45'25"	0.293 sec	0.178 sec	0.570
	ΔHt.	-7.261 m	0.005 m	-0.010 m	-1.245
	Ellip Dist.	2079.352 m	0.003 m	0.000 m	-0.035
4EU2 --> BP24 (PV500)	Az.	127°52'16"	0.043 sec	0.097 sec	1.244
	ΔHt.	-38.085 m	0.007 m	-0.019 m	-0.689
	Ellip Dist.	10346.859 m	0.002 m	0.005 m	1.216

PP8 --> PP9 (PV308)	Az.	140°53'22"	0.169 sec	0.028 sec	0.121
	ΔHt.	-9.376 m	0.005 m	0.004 m	0.503
	Ellip Dist.	2778.648 m	0.002 m	0.004 m	1.237
4EU2 --> PP4 (PV520)	Az.	154°02'59"	0.118 sec	-0.020 sec	-0.127
	ΔHt.	-21.283 m	0.005 m	-0.014 m	-1.232
	Ellip Dist.	4683.103 m	0.003 m	0.003 m	0.920
BP30 --> BP8 (PV282)	Az.	333°04'43"	0.147 sec	0.049 sec	0.245
	ΔHt.	9.330 m	0.005 m	-0.006 m	-0.488
	Ellip Dist.	3562.594 m	0.003 m	0.004 m	1.227
4CU2 --> PP26 (PV164)	Az.	105°59'42"	0.027 sec	0.066 sec	1.223
	ΔHt.	-85.147 m	0.004 m	0.008 m	0.695
	Ellip Dist.	18094.032 m	0.002 m	-0.001 m	-0.153
BP16 --> BP26 (PV276)	Az.	88°13'20"	0.109 sec	-0.015 sec	-0.094
	ΔHt.	-16.901 m	0.005 m	-0.009 m	-1.223
	Ellip Dist.	5906.832 m	0.003 m	0.001 m	0.377
4BR1 --> PP25 (PV190)	Az.	55°06'48"	0.069 sec	-0.021 sec	-0.116
	ΔHt.	-5.612 m	0.004 m	-0.009 m	-1.222
	Ellip Dist.	5023.869 m	0.002 m	0.001 m	0.152
4EU2 --> PP13 (PV504)	Az.	117°01'11"	0.040 sec	0.109 sec	1.214
	ΔHt.	-55.904 m	0.005 m	0.011 m	0.975
	Ellip Dist.	15602.898 m	0.003 m	0.007 m	0.883
4CU2 --> BP8 (PV355)	Az.	95°06'49"	0.036 sec	0.070 sec	0.926
	ΔHt.	-63.970 m	0.004 m	0.019 m	1.213
	Ellip Dist.	10994.476 m	0.002 m	0.004 m	1.002
BP8 --> PP18 (PV154)	Az.	110°19'23"	0.307 sec	-0.431 sec	-1.210
	ΔHt.	-7.893 m	0.006 m	-0.006 m	-0.940
	Ellip Dist.	2268.036 m	0.003 m	0.004 m	0.981
BP23 --> PP8 (PV591)	Az.	148°49'06"	0.587 sec	-0.033 sec	-0.052
	ΔHt.	-1.951 m	0.005 m	0.005 m	1.209
	Ellip Dist.	979.642 m	0.003 m	0.002 m	0.727
BP13 --> BP25 (PV448)	Az.	346°49'47"	0.220 sec	-0.043 sec	-0.151
	ΔHt.	6.037 m	0.005 m	-0.008 m	-1.206
	Ellip Dist.	2254.608 m	0.003 m	0.001 m	0.460

BP27 --> BP8 (PV40)	Az.	235°52'36"	0.205 sec	-0.171 sec	-0.633
	ΔHt.	4.256 m	0.005 m	-0.011 m	-0.965
	Ellip Dist.	2872.727 m	0.003 m	0.004 m	1.201
4DP1 --> BP14 (PV423)	Az.	258°29'12"	0.026 sec	0.056 sec	1.199
	ΔHt.	-0.361 m	0.006 m	0.003 m	0.220
	Ellip Dist.	15766.139 m	0.002 m	-0.003 m	-0.832
BP16 --> PP9 (PV309)	Az.	168°32'40"	0.150 sec	-0.008 sec	-0.041
	ΔHt.	-6.848 m	0.005 m	0.006 m	0.574
	Ellip Dist.	3328.696 m	0.003 m	0.004 m	1.196
4CU2 --> PP25 (PV68)	Az.	102°02'35"	0.020 sec	0.053 sec	1.195
	ΔHt.	-84.925 m	0.004 m	0.006 m	0.440
	Ellip Dist.	17801.519 m	0.002 m	0.000 m	-0.115
3BP2 --> PP28 (PV95)	Az.	316°40'32"	0.029 sec	0.089 sec	1.184
	ΔHt.	27.097 m	0.004 m	0.006 m	0.447
	Ellip Dist.	12177.234 m	0.002 m	0.001 m	0.356
4CU2 --> PP4 (PV540)	Az.	2°26'33"	0.104 sec	-0.078 sec	-0.564
	ΔHt.	-27.371 m	0.005 m	0.005 m	0.401
	Ellip Dist.	5205.239 m	0.003 m	0.004 m	1.179
PP8 --> PP12 (PV284)	Az.	72°02'18"	0.114 sec	-0.032 sec	-0.185
	ΔHt.	-12.533 m	0.005 m	-0.008 m	-1.179
	Ellip Dist.	5312.315 m	0.003 m	0.000 m	0.084
PP15 --> PP9 (PV331)	Az.	322°55'19"	0.234 sec	0.176 sec	0.558
	ΔHt.	5.940 m	0.005 m	-0.008 m	-1.171
	Ellip Dist.	2006.759 m	0.002 m	0.002 m	0.515
BP10 --> PP23 (PV150)	Az.	123°04'27"	0.115 sec	-0.039 sec	-0.293
	ΔHt.	-13.384 m	0.008 m	-0.002 m	-0.351
	Ellip Dist.	6563.797 m	0.003 m	0.005 m	1.169
4EU2 --> PP5 (PV521)	Az.	132°25'37"	0.069 sec	-0.101 sec	-0.899
	ΔHt.	-28.578 m	0.005 m	-0.012 m	-1.159
	Ellip Dist.	7860.528 m	0.003 m	0.001 m	0.164
3BP2 --> PP18 (PV153)	Az.	325°29'31"	0.033 sec	-0.066 sec	-1.158
	ΔHt.	40.520 m	0.006 m	0.001 m	0.097
	Ellip Dist.	17629.374 m	0.003 m	-0.006 m	-1.148

4CU2 --> PP2 (PV544)	Az.	341°31'26"	0.090 sec	0.011 sec	0.078
	ΔHt.	-20.070 m	0.006 m	0.021 m	1.155
	Ellip Dist.	6288.954 m	0.003 m	0.002 m	0.454
BP27 --> BP10 (PV3)	Az.	0°29'54"	0.470 sec	-0.095 sec	-0.198
	ΔHt.	1.866 m	0.005 m	0.000 m	-0.007
	Ellip Dist.	1237.014 m	0.003 m	0.003 m	1.153
3BP2 --> BP9 (PV78)	Az.	332°08'00"	0.026 sec	0.018 sec	0.438
	ΔHt.	36.800 m	0.005 m	-0.011 m	-0.739
	Ellip Dist.	17298.830 m	0.002 m	-0.005 m	-1.146
4CU2 --> BP17 (PV574)	Az.	56°38'40"	0.118 sec	0.038 sec	0.227
	ΔHt.	-39.949 m	0.005 m	0.013 m	0.894
	Ellip Dist.	4679.805 m	0.002 m	-0.004 m	-1.142
PP19 --> PP23 (PV142)	Az.	100°17'53"	0.156 sec	-0.152 sec	-0.388
	ΔHt.	-7.660 m	0.009 m	0.008 m	0.387
	Ellip Dist.	5047.958 m	0.003 m	-0.008 m	-1.140
4DP1 --> PP25 (PV16)	Az.	218°18'44"	0.046 sec	-0.015 sec	-0.151
	ΔHt.	-33.005 m	0.004 m	0.016 m	1.125
	Ellip Dist.	7632.281 m	0.002 m	0.005 m	1.140
4DP1 --> 4CU2 (PV61)	Az.	264°14'06"	0.007 sec	0.036 sec	1.140
	ΔHt.	51.920 m	0.004 m	-0.007 m	-0.894
	Ellip Dist.	22245.281 m	0.001 m	0.000 m	0.076
PP28 --> BP30 (PV417)	Az.	326°43'52"	0.130 sec	-0.037 sec	-0.204
	ΔHt.	11.986 m	0.005 m	-0.009 m	-0.809
	Ellip Dist.	3921.773 m	0.002 m	0.004 m	1.135
4EU2 --> BP7 (PV490)	Az.	129°54'54"	0.024 sec	-0.011 sec	-0.274
	ΔHt.	-64.352 m	0.005 m	0.015 m	1.135
	Ellip Dist.	18657.503 m	0.002 m	-0.002 m	-0.703
4DP1 --> BP25 (PV427)	Az.	258°54'35"	0.031 sec	0.047 sec	0.770
	ΔHt.	-4.732 m	0.005 m	-0.004 m	-0.313
	Ellip Dist.	13611.502 m	0.002 m	0.004 m	1.135
PP15 --> BP25 (PV333)	Az.	7°31'16"	0.153 sec	0.049 sec	0.228
	ΔHt.	4.028 m	0.005 m	-0.009 m	-1.130
	Ellip Dist.	3058.196 m	0.002 m	0.003 m	0.780

4CU2 --> BP11 (PV257)	Az.	90°49'49"	0.046 sec	-0.012 sec	-0.140
	ΔHt.	-65.642 m	0.005 m	0.008 m	1.129
	Ellip Dist.	11876.642 m	0.002 m	0.000 m	0.123
PP29 --> BP4 (PV137)	Az.	303°12'47"	0.138 sec	0.067 sec	0.369
	ΔHt.	2.041 m	0.006 m	0.015 m	1.126
	Ellip Dist.	4212.320 m	0.003 m	0.002 m	0.489
3BP2 --> PP20 (PV50)	Az.	331°52'01"	0.025 sec	0.011 sec	0.264
	ΔHt.	40.827 m	0.005 m	0.017 m	1.123
	Ellip Dist.	18868.493 m	0.002 m	-0.004 m	-0.929
BP1 --> PP28 (PV231)	Az.	293°21'37"	0.103 sec	0.051 sec	0.310
	ΔHt.	11.832 m	0.006 m	0.018 m	1.120
	Ellip Dist.	5160.032 m	0.002 m	0.003 m	0.725
PP3 --> BP17 (PV580)	Az.	126°33'57"	0.082 sec	-0.118 sec	-1.115
	ΔHt.	-23.645 m	0.006 m	-0.005 m	-0.559
	Ellip Dist.	7373.696 m	0.003 m	0.002 m	0.352
BP4 --> PP30 (PV116)	Az.	138°29'01"	0.178 sec	0.080 sec	0.307
	ΔHt.	-7.001 m	0.006 m	0.010 m	1.104
	Ellip Dist.	3686.035 m	0.003 m	0.003 m	0.686
PP16 --> PP14 (PV272)	Az.	308°26'02"	0.142 sec	-0.054 sec	-0.272
	ΔHt.	14.363 m	0.005 m	-0.009 m	-1.097
	Ellip Dist.	4632.213 m	0.003 m	0.002 m	0.484
BP8 --> PP14 (PV280)	Az.	235°59'02"	0.469 sec	-0.440 sec	-0.897
	ΔHt.	1.994 m	0.005 m	-0.001 m	-0.312
	Ellip Dist.	1349.921 m	0.003 m	0.003 m	1.093
PP31 --> BP29 (PV30)	Az.	331°43'04"	0.088 sec	0.097 sec	0.815
	ΔHt.	10.424 m	0.006 m	0.017 m	1.092
	Ellip Dist.	6551.397 m	0.003 m	0.001 m	0.323
BP3 --> PP30 (PV112)	Az.	121°44'25"	0.343 sec	0.089 sec	0.221
	ΔHt.	-3.098 m	0.005 m	0.006 m	1.091
	Ellip Dist.	1872.874 m	0.003 m	0.002 m	0.737
3BP2 --> BP6 (PV209)	Az.	336°24'11"	0.028 sec	0.044 sec	0.985
	ΔHt.	31.993 m	0.005 m	-0.017 m	-1.087
	Ellip Dist.	16219.302 m	0.002 m	-0.002 m	-0.422

BP1 --> PP26 (PV228)	Az.	335°17'59"	0.120 sec	-0.110 sec	-0.645
	ΔHt.	11.971 m	0.005 m	-0.008 m	-1.087
	Ellip Dist.	4936.536 m	0.003 m	0.001 m	0.361
4CU2 --> PP16 (PV362)	Az.	108°54'08"	0.032 sec	0.019 sec	0.325
	ΔHt.	-76.340 m	0.004 m	0.020 m	1.083
	Ellip Dist.	14232.733 m	0.002 m	0.001 m	0.164
4CU2 --> BP19 (PV542)	Az.	357°12'08"	0.095 sec	-0.081 sec	-0.585
	ΔHt.	-23.565 m	0.005 m	0.005 m	0.336
	Ellip Dist.	5818.326 m	0.003 m	0.004 m	1.082
3BP2 --> PP19 (PV104)	Az.	329°18'27"	0.025 sec	0.037 sec	0.908
	ΔHt.	40.299 m	0.005 m	0.003 m	0.231
	Ellip Dist.	18005.735 m	0.002 m	-0.004 m	-1.080
4EU2 --> BP30 (PV506)	Az.	133°17'32"	0.023 sec	-0.045 sec	-1.079
	ΔHt.	-67.212 m	0.005 m	-0.006 m	-0.313
	Ellip Dist.	19779.891 m	0.002 m	-0.001 m	-0.260
4EU2 --> PP17 (PV494)	Az.	128°57'25"	0.023 sec	0.012 sec	0.296
	ΔHt.	-70.522 m	0.004 m	0.000 m	0.019
	Ellip Dist.	20647.347 m	0.002 m	-0.004 m	-1.077
PP15 --> PP27 (PV332)	Az.	113°11'23"	0.081 sec	0.068 sec	0.510
	ΔHt.	-21.192 m	0.005 m	0.008 m	1.077
	Ellip Dist.	6687.720 m	0.003 m	0.002 m	0.498
PP25 --> BP4 (PV20)	Az.	232°25'22"	0.236 sec	-0.088 sec	-0.287
	ΔHt.	1.889 m	0.005 m	0.009 m	1.074
	Ellip Dist.	2139.813 m	0.003 m	0.001 m	0.433
4EU2 --> PP2 (PV524)	Az.	182°45'08"	0.162 sec	-0.181 sec	-0.858
	ΔHt.	-13.981 m	0.006 m	-0.015 m	-1.074
	Ellip Dist.	3451.037 m	0.003 m	0.003 m	0.804
4DP1 --> BP30 (PV440)	Az.	236°09'59"	0.039 sec	-0.075 sec	-1.073
	ΔHt.	-21.380 m	0.005 m	-0.004 m	-0.261
	Ellip Dist.	11526.338 m	0.002 m	-0.003 m	-0.798
4DP1 --> PP16 (PV437)	Az.	231°36'31"	0.042 sec	-0.084 sec	-1.062
	ΔHt.	-24.420 m	0.005 m	0.001 m	0.054
	Ellip Dist.	11072.129 m	0.002 m	-0.003 m	-0.780

PP3 --> PP6 (PV508)	Az.	130°32'27"	0.102 sec	-0.144 sec	-1.059
	ΔHt.	-18.260 m	0.006 m	-0.010 m	-1.000
	Ellip Dist.	6036.040 m	0.003 m	0.000 m	0.019
PP26 --> PP30 (PV161)	Az.	164°40'46"	0.219 sec	0.057 sec	0.203
	ΔHt.	-4.890 m	0.005 m	0.008 m	1.057
	Ellip Dist.	2896.664 m	0.003 m	0.002 m	0.475
3BP2 --> BP29 (PV51)	Az.	332°44'11"	0.034 sec	0.063 sec	1.052
	ΔHt.	28.882 m	0.005 m	0.012 m	0.763
	Ellip Dist.	13599.734 m	0.002 m	0.001 m	0.203
3BP2 --> BP4 (PV46)	Az.	326°50'55"	0.036 sec	0.070 sec	1.050
	ΔHt.	29.348 m	0.005 m	-0.002 m	-0.107
	Ellip Dist.	13454.154 m	0.002 m	-0.002 m	-0.440
4EU2 --> BP23 (PV595)	Az.	140°39'11"	0.050 sec	-0.084 sec	-1.047
	ΔHt.	-37.325 m	0.005 m	-0.009 m	-0.920
	Ellip Dist.	10621.112 m	0.003 m	0.001 m	0.152
4DP1 --> BP7 (PV424)	Az.	243°26'59"	0.041 sec	-0.073 sec	-1.047
	ΔHt.	-18.521 m	0.005 m	0.005 m	0.339
	Ellip Dist.	10795.886 m	0.002 m	0.000 m	-0.068
PP28 --> PP16 (PV416)	Az.	336°01'22"	0.165 sec	-0.146 sec	-0.661
	ΔHt.	8.946 m	0.005 m	-0.008 m	-0.657
	Ellip Dist.	3087.677 m	0.003 m	0.004 m	1.044
4EU2 --> PP12 (PV499)	Az.	121°04'35"	0.037 sec	0.067 sec	0.940
	ΔHt.	-51.809 m	0.005 m	0.007 m	0.843
	Ellip Dist.	14354.014 m	0.003 m	0.007 m	1.040
4CU2 --> BP12 (PV219)	Az.	88°36'27"	0.056 sec	-0.008 sec	-0.092
	ΔHt.	-59.068 m	0.006 m	-0.004 m	-0.219
	Ellip Dist.	9921.027 m	0.002 m	0.004 m	1.039
PP16 --> BP8 (PV281)	Az.	325°22'33"	0.120 sec	0.028 sec	0.171
	ΔHt.	12.370 m	0.005 m	-0.004 m	-0.647
	Ellip Dist.	4416.498 m	0.003 m	0.004 m	1.039
4CU2 --> BP10 (PV66)	Az.	82°00'36"	0.040 sec	0.037 sec	0.542
	ΔHt.	-66.361 m	0.005 m	0.017 m	1.036
	Ellip Dist.	13466.404 m	0.002 m	0.000 m	-0.091

3BP2 --> BP27 (PV49)	Az.	330°05'59"	0.024 sec	0.000 sec	-0.005
	ΔHt.	44.157 m	0.005 m	0.014 m	1.022
	Ellip Dist.	19525.955 m	0.003 m	-0.004 m	-1.036
BP3 --> BP2 (PV195)	Az.	116°31'00"	0.212 sec	0.000 sec	-0.001
	ΔHt.	-6.195 m	0.005 m	0.004 m	0.868
	Ellip Dist.	2714.693 m	0.003 m	0.003 m	1.033
4EU2 --> BP19 (PV522)	Az.	156°47'44"	0.143 sec	-0.007 sec	-0.034
	ΔHt.	-17.477 m	0.005 m	-0.013 m	-1.006
	Ellip Dist.	3917.006 m	0.003 m	0.004 m	1.032
4EU2 --> BP8 (PV496)	Az.	129°06'37"	0.024 sec	-0.050 sec	-1.028
	ΔHt.	-57.882 m	0.005 m	-0.013 m	-0.865
	Ellip Dist.	16469.679 m	0.002 m	0.003 m	0.815
PP28 --> PP30 (PV111)	Az.	95°51'59"	0.175 sec	0.284 sec	1.025
	ΔHt.	-4.751 m	0.005 m	0.004 m	0.409
	Ellip Dist.	3457.254 m	0.003 m	0.002 m	0.511
PP7 --> PP8 (PV561)	Az.	174°40'07"	0.236 sec	-0.145 sec	-0.490
	ΔHt.	-3.505 m	0.006 m	0.007 m	1.022
	Ellip Dist.	2454.650 m	0.003 m	0.004 m	0.950
4EU2 --> PP14 (PV498)	Az.	133°42'19"	0.034 sec	-0.033 sec	-0.497
	ΔHt.	-55.888 m	0.005 m	0.003 m	0.280
	Ellip Dist.	16131.411 m	0.003 m	0.005 m	1.016
4DP1 --> BP3 (PV73)	Az.	211°36'03"	0.039 sec	-0.075 sec	-1.010
	ΔHt.	-35.020 m	0.005 m	0.002 m	0.138
	Ellip Dist.	10646.864 m	0.002 m	0.000 m	-0.073
PP25 --> PP29 (PV141)	Az.	153°08'39"	0.127 sec	0.050 sec	0.271
	ΔHt.	-0.152 m	0.005 m	-0.009 m	-0.793
	Ellip Dist.	4048.185 m	0.002 m	0.003 m	1.002
BP30 --> PP17 (PV293)	Az.	70°45'30"	0.340 sec	0.080 sec	0.215
	ΔHt.	-3.311 m	0.005 m	0.000 m	-0.041
	Ellip Dist.	1757.718 m	0.003 m	0.003 m	0.993
PP24 --> BP28 (PV125)	Az.	327°55'15"	0.182 sec	0.141 sec	0.548
	ΔHt.	7.910 m	0.008 m	0.013 m	0.992
	Ellip Dist.	3184.319 m	0.003 m	0.001 m	0.313

4CU2 --> PP3 (PV545)	Az.	343°53'18"	0.065 sec	-0.101 sec	-0.990
	ΔHt.	-16.304 m	0.005 m	-0.002 m	-0.177
	Ellip Dist.	7252.031 m	0.002 m	0.000 m	0.094
4CU2 --> BP22 (PV565)	Az.	354°50'47"	0.121 sec	-0.070 sec	-0.416
	ΔHt.	-24.989 m	0.005 m	0.005 m	0.351
	Ellip Dist.	4561.626 m	0.003 m	0.004 m	0.989
4EU2 --> PP16 (PV503)	Az.	132°30'36"	0.022 sec	-0.038 sec	-0.986
	ΔHt.	-70.252 m	0.004 m	-0.004 m	-0.237
	Ellip Dist.	20747.868 m	0.002 m	-0.001 m	-0.149
4EU2 --> PP25 (PV9)	Az.	124°17'49"	0.016 sec	0.006 sec	0.163
	ΔHt.	-78.837 m	0.004 m	0.000 m	-0.009
	Ellip Dist.	23288.015 m	0.002 m	-0.004 m	-0.985
4CU2 --> PP22 (PV175)	Az.	90°28'13"	0.028 sec	-0.007 sec	-0.149
	ΔHt.	-77.882 m	0.006 m	-0.047 m	-0.666
	Ellip Dist.	17706.721 m	0.002 m	-0.004 m	-0.984
PP29 --> PP30 (PV131)	Az.	247°15'24"	0.515 sec	0.200 sec	0.348
	ΔHt.	-4.960 m	0.006 m	-0.005 m	-0.983
	Ellip Dist.	1173.194 m	0.003 m	0.001 m	0.239
BP7 --> PP14 (PV319)	Az.	287°23'47"	0.238 sec	0.020 sec	0.069
	ΔHt.	8.463 m	0.006 m	-0.002 m	-0.315
	Ellip Dist.	2774.500 m	0.003 m	0.004 m	0.981
PP28 --> PP26 (PV162)	Az.	47°36'27"	0.141 sec	0.200 sec	0.976
	ΔHt.	0.139 m	0.004 m	-0.004 m	-0.669
	Ellip Dist.	3619.309 m	0.003 m	-0.002 m	-0.451
PP21 --> BP11 (PV260)	Az.	246°33'26"	0.180 sec	-0.220 sec	-0.973
	ΔHt.	5.933 m	0.005 m	0.005 m	0.919
	Ellip Dist.	3354.706 m	0.003 m	0.002 m	0.540
PP15 --> PP10 (PV345)	Az.	1°56'35"	0.132 sec	-0.176 sec	-0.972
	ΔHt.	6.040 m	0.006 m	0.005 m	0.479
	Ellip Dist.	3668.320 m	0.002 m	0.000 m	-0.150
4CU2 --> PP18 (PV152)	Az.	97°41'13"	0.049 sec	-0.027 sec	-0.286
	ΔHt.	-71.864 m	0.006 m	0.005 m	0.463
	Ellip Dist.	13197.053 m	0.003 m	-0.004 m	-0.970

3BP2 --> PP25 (PV54)	Az.	335°45'10"	0.027 sec	0.057 sec	0.965
	ΔHt.	27.459 m	0.004 m	0.010 m	0.673
	Ellip Dist.	13784.151 m	0.002 m	0.002 m	0.429
4BR1 --> PP13 (PV404)	Az.	352°16'49"	0.060 sec	0.027 sec	0.240
	ΔHt.	17.320 m	0.005 m	-0.008 m	-0.747
	Ellip Dist.	8997.366 m	0.003 m	0.006 m	0.965
4CU2 --> PP25 (PV67)	Az.	102°02'35"	0.020 sec	-0.013 sec	-0.202
	ΔHt.	-84.925 m	0.004 m	0.013 m	0.962
	Ellip Dist.	17801.519 m	0.002 m	0.001 m	0.161
3BP2 --> 4DP1 (PV47)	Az.	357°08'06"	0.007 sec	0.035 sec	0.815
	ΔHt.	60.464 m	0.004 m	0.007 m	0.961
	Ellip Dist.	18579.532 m	0.001 m	-0.003 m	-0.882
BP3 --> PP26 (PV163)	Az.	24°34'47"	0.272 sec	0.192 sec	0.589
	ΔHt.	1.792 m	0.005 m	-0.004 m	-0.959
	Ellip Dist.	1988.599 m	0.003 m	0.000 m	-0.051
PP8 --> BP25 (PV294)	Az.	102°09'43"	0.141 sec	-0.031 sec	-0.152
	ΔHt.	-11.288 m	0.005 m	0.004 m	0.537
	Ellip Dist.	3439.763 m	0.002 m	0.003 m	0.959
PP21 --> PP18 (PV155)	Az.	212°39'01"	0.182 sec	-0.173 sec	-0.749
	ΔHt.	-0.288 m	0.006 m	0.005 m	0.694
	Ellip Dist.	3479.469 m	0.003 m	0.004 m	0.957
PP8 --> BP26 (PV286)	Az.	79°33'00"	0.087 sec	-0.005 sec	-0.036
	ΔHt.	-19.429 m	0.005 m	-0.008 m	-0.954
	Ellip Dist.	7113.312 m	0.003 m	0.000 m	0.018
BP2 --> PP30 (PV193)	Az.	285°10'58"	0.743 sec	-0.162 sec	-0.214
	ΔHt.	3.097 m	0.005 m	-0.004 m	-0.953
	Ellip Dist.	866.537 m	0.003 m	0.001 m	0.424
4DP1 --> BP24 (PV434)	Az.	272°56'07"	0.029 sec	0.049 sec	0.949
	ΔHt.	7.747 m	0.007 m	-0.001 m	-0.049
	Ellip Dist.	15806.647 m	0.002 m	-0.001 m	-0.160
4CU2 --> PP30 (PV113)	Az.	113°10'54"	0.029 sec	0.071 sec	0.946
	ΔHt.	-90.037 m	0.005 m	0.003 m	0.142
	Ellip Dist.	19759.266 m	0.002 m	-0.003 m	-0.581

4EU2 --> PP30 (PV118)	Az.	130°40'54"	0.022 sec	-0.025 sec	-0.376
	ΔHt.	-83.949 m	0.005 m	-0.017 m	-0.944
	Ellip Dist.	26365.138 m	0.002 m	-0.004 m	-0.829
PP21 --> BP27 (PV23)	Az.	251°56'31"	0.336 sec	-0.349 sec	-0.940
	ΔHt.	3.349 m	0.004 m	0.001 m	0.215
	Ellip Dist.	1709.525 m	0.003 m	0.000 m	0.007
BP13 --> BP26 (PV453)	Az.	36°32'56"	0.115 sec	0.055 sec	0.359
	ΔHt.	-2.103 m	0.006 m	-0.007 m	-0.936
	Ellip Dist.	5238.986 m	0.003 m	-0.001 m	-0.163
PP28 --> PP17 (PV413)	Az.	352°44'11"	0.134 sec	-0.107 sec	-0.568
	ΔHt.	8.676 m	0.004 m	-0.002 m	-0.405
	Ellip Dist.	3889.112 m	0.003 m	0.004 m	0.932
PP3 --> PP2 (PV507)	Az.	178°52'25"	0.601 sec	0.145 sec	0.244
	ΔHt.	-3.766 m	0.005 m	0.003 m	0.932
	Ellip Dist.	1002.582 m	0.003 m	0.001 m	0.325
PP24 --> BP5 (PV248)	Az.	260°30'12"	0.359 sec	-0.075 sec	-0.189
	ΔHt.	2.670 m	0.008 m	-0.003 m	-0.349
	Ellip Dist.	1694.996 m	0.003 m	0.003 m	0.931
PP28 --> BP2 (PV194)	Az.	97°43'28"	0.123 sec	0.135 sec	0.713
	ΔHt.	-7.848 m	0.004 m	0.005 m	0.893
	Ellip Dist.	4314.692 m	0.002 m	0.003 m	0.929
4CU2 --> BP15 (PV361)	Az.	76°31'58"	0.051 sec	0.087 sec	0.925
	ΔHt.	-52.045 m	0.005 m	0.016 m	0.819
	Ellip Dist.	8364.885 m	0.002 m	-0.001 m	-0.291
BP17 --> PP8 (PV572)	Az.	145°49'35"	0.209 sec	-0.036 sec	-0.133
	ΔHt.	-5.415 m	0.005 m	0.004 m	0.525
	Ellip Dist.	2676.739 m	0.003 m	0.004 m	0.921
PP17 --> PP14 (PV291)	Az.	292°46'04"	0.144 sec	-0.002 sec	-0.012
	ΔHt.	14.634 m	0.005 m	-0.002 m	-0.191
	Ellip Dist.	4762.366 m	0.003 m	0.004 m	0.920
BP12 --> BP10 (PV226)	Az.	64°33'00"	0.177 sec	-0.002 sec	-0.009
	ΔHt.	-7.292 m	0.006 m	0.011 m	0.919
	Ellip Dist.	3786.716 m	0.003 m	0.001 m	0.411

4DP1 --> BP1 (PV237)	Az.	192°53'43"	0.037 sec	0.044 sec	0.635
	ΔHt.	-45.198 m	0.006 m	-0.016 m	-0.918
	Ellip Dist.	12049.567 m	0.002 m	-0.001 m	-0.173
PP28 --> PP14 (PV415)	Az.	319°25'14"	0.080 sec	0.051 sec	0.368
	ΔHt.	23.310 m	0.005 m	-0.009 m	-0.911
	Ellip Dist.	7506.381 m	0.003 m	0.004 m	0.710
BP8 --> BP11 (PV259)	Az.	48°55'21"	0.486 sec	-0.016 sec	-0.032
	ΔHt.	-1.672 m	0.005 m	-0.001 m	-0.355
	Ellip Dist.	1227.870 m	0.003 m	0.003 m	0.910
PP31 --> PP28 (PV96)	Az.	295°53'48"	0.092 sec	0.001 sec	0.005
	ΔHt.	8.639 m	0.006 m	0.018 m	0.904
	Ellip Dist.	5812.059 m	0.002 m	0.003 m	0.739
PP9 --> PP12 (PV310)	Az.	41°01'49"	0.122 sec	-0.033 sec	-0.194
	ΔHt.	-3.158 m	0.005 m	-0.006 m	-0.902
	Ellip Dist.	5028.933 m	0.003 m	0.001 m	0.226
PP24 --> BP6 (PV210)	Az.	316°57'46"	0.454 sec	-0.257 sec	-0.510
	ΔHt.	2.485 m	0.008 m	0.004 m	0.900
	Ellip Dist.	1217.227 m	0.003 m	0.000 m	-0.027
BP3 --> BP29 (PV75)	Az.	6°04'37"	0.205 sec	0.140 sec	0.569
	ΔHt.	3.438 m	0.005 m	0.001 m	0.139
	Ellip Dist.	2615.107 m	0.003 m	0.003 m	0.885
BP16 --> PP13 (PV278)	Az.	81°18'38"	0.126 sec	-0.033 sec	-0.166
	ΔHt.	-14.101 m	0.006 m	-0.008 m	-0.884
	Ellip Dist.	5632.982 m	0.003 m	0.000 m	0.004
4EU2 --> BP22 (PV567)	Az.	163°45'46"	0.110 sec	-0.139 sec	-0.868
	ΔHt.	-18.901 m	0.005 m	-0.012 m	-0.884
	Ellip Dist.	5070.625 m	0.003 m	0.003 m	0.709
4DP1 --> PP28 (PV98)	Az.	217°26'23"	0.027 sec	-0.011 sec	-0.170
	ΔHt.	-33.367 m	0.004 m	0.012 m	0.878
	Ellip Dist.	12214.628 m	0.002 m	-0.003 m	-0.695
BP30 --> PP14 (PV273)	Az.	311°33'05"	0.177 sec	0.017 sec	0.075
	ΔHt.	11.323 m	0.006 m	-0.005 m	-0.666
	Ellip Dist.	3650.754 m	0.003 m	0.004 m	0.875

PP6 --> PP8 (PV563)	Az.	133°23'54"	0.146 sec	0.055 sec	0.260
	ΔHt.	-10.800 m	0.005 m	0.004 m	0.480
	Ellip Dist.	3907.163 m	0.003 m	0.004 m	0.874
PP15 --> BP16 (PV337)	Az.	338°57'54"	0.091 sec	-0.042 sec	-0.308
	ΔHt.	12.788 m	0.005 m	-0.009 m	-0.872
	Ellip Dist.	5210.776 m	0.002 m	0.000 m	0.120
4DP1 --> PP14 (PV432)	Az.	252°01'07"	0.045 sec	-0.075 sec	-0.834
	ΔHt.	-10.057 m	0.005 m	0.007 m	0.706
	Ellip Dist.	12935.963 m	0.003 m	-0.004 m	-0.871
BP4 --> BP2 (PV199)	Az.	132°19'24"	0.134 sec	-0.022 sec	-0.121
	ΔHt.	-10.099 m	0.005 m	0.005 m	0.869
	Ellip Dist.	4435.739 m	0.003 m	0.003 m	0.753
BP13 --> PP9 (PV447)	Az.	289°47'52"	0.229 sec	0.041 sec	0.146
	ΔHt.	7.950 m	0.006 m	-0.006 m	-0.867
	Ellip Dist.	2257.443 m	0.002 m	0.002 m	0.653
BP12 --> BP11 (PV254)	Az.	101°58'43"	0.338 sec	0.112 sec	0.340
	ΔHt.	-6.574 m	0.005 m	-0.002 m	-0.479
	Ellip Dist.	2000.432 m	0.003 m	0.003 m	0.859
BP18 --> PP6 (PV534)	Az.	151°52'04"	0.713 sec	0.146 sec	0.214
	ΔHt.	-0.078 m	0.005 m	0.002 m	0.856
	Ellip Dist.	860.619 m	0.003 m	0.002 m	0.555
PP21 --> PP23 (PV146)	Az.	126°30'32"	0.140 sec	-0.066 sec	-0.448
	ΔHt.	-8.169 m	0.008 m	-0.007 m	-0.429
	Ellip Dist.	4833.856 m	0.003 m	0.003 m	0.854
PP8 --> BP13 (PV449)	Az.	126°58'57"	0.099 sec	-0.002 sec	-0.017
	ΔHt.	-17.326 m	0.005 m	0.008 m	0.852
	Ellip Dist.	4853.594 m	0.002 m	0.003 m	0.774
PP31 --> BP3 (PV71)	Az.	313°08'19"	0.126 sec	0.009 sec	0.048
	ΔHt.	6.986 m	0.006 m	0.011 m	0.852
	Ellip Dist.	4634.640 m	0.003 m	0.001 m	0.193
PP31 --> PP25 (PV31)	Az.	337°54'58"	0.079 sec	0.041 sec	0.332
	ΔHt.	9.000 m	0.006 m	0.012 m	0.848
	Ellip Dist.	6743.454 m	0.002 m	0.002 m	0.559

4CU2 --> PP21 (PV59)	**Az.**	85°32'09"	0.026 sec	0.030 sec	0.590
	ΔHt.	-71.576 m	0.004 m	-0.011 m	-0.839
	Ellip Dist.	14996.621 m	0.002 m	0.001 m	0.267
PP21 --> BP9 (PV80)	**Az.**	179°22'09"	0.231 sec	0.038 sec	0.128
	ΔHt.	-4.008 m	0.005 m	0.006 m	0.839
	Ellip Dist.	2162.805 m	0.003 m	0.000 m	-0.107
3BP2 --> BP7 (PV369)	**Az.**	322°22'10"	0.026 sec	0.036 sec	0.839
	ΔHt.	41.943 m	0.005 m	0.002 m	0.145
	Ellip Dist.	17338.703 m	0.002 m	0.001 m	0.157
PP3 --> PP5 (PV512)	**Az.**	115°31'07"	0.098 sec	-0.082 sec	-0.450
	ΔHt.	-18.362 m	0.006 m	-0.013 m	-0.836
	Ellip Dist.	6634.862 m	0.003 m	-0.001 m	-0.216
PP12 --> PP13 (PV271)	**Az.**	78°46'19"	0.455 sec	-0.138 sec	-0.329
	ΔHt.	-4.095 m	0.005 m	-0.004 m	-0.836
	Ellip Dist.	1637.689 m	0.003 m	-0.001 m	-0.161
PP19 --> BP6 (PV206)	**Az.**	102°53'40"	0.204 sec	0.041 sec	0.169
	ΔHt.	-8.306 m	0.005 m	0.000 m	0.004
	Ellip Dist.	2768.487 m	0.003 m	0.003 m	0.830
BP7 --> PP17 (PV317)	**Az.**	120°08'32"	0.290 sec	-0.055 sec	-0.168
	ΔHt.	-6.171 m	0.005 m	0.001 m	0.347
	Ellip Dist.	2016.732 m	0.003 m	0.003 m	0.825
PP25 --> BP29 (PV1)	**Az.**	229°51'47"	0.674 sec	-0.127 sec	-0.155
	ΔHt.	1.423 m	0.004 m	0.002 m	0.821
	Ellip Dist.	743.930 m	0.002 m	0.001 m	0.187
PP19 --> BP9 (PV102)	**Az.**	99°44'11"	0.502 sec	-0.071 sec	-0.132
	ΔHt.	-3.498 m	0.004 m	0.000 m	-0.038
	Ellip Dist.	1121.244 m	0.003 m	0.002 m	0.816
PP21 --> PP11 (PV88)	**Az.**	268°52'13"	0.129 sec	-0.159 sec	-0.812
	ΔHt.	14.348 m	0.005 m	0.004 m	0.484
	Ellip Dist.	5384.885 m	0.003 m	0.001 m	0.332
BP9 --> PP25 (PV84)	**Az.**	138°16'59"	0.142 sec	0.009 sec	0.036
	ΔHt.	-9.342 m	0.005 m	0.006 m	0.809
	Ellip Dist.	3647.495 m	0.003 m	0.003 m	0.708

BP16 --> BP25 (PV295)	Az.	128°52'51"	0.174 sec	-0.170 sec	-0.737
	ΔHt.	-8.761 m	0.005 m	0.001 m	0.171
	Ellip Dist.	2917.320 m	0.002 m	0.003 m	0.806
4DP1 --> BP16 (PV431)	Az.	267°07'48"	0.027 sec	-0.017 sec	-0.349
	ΔHt.	4.028 m	0.005 m	-0.008 m	-0.649
	Ellip Dist.	15644.962 m	0.002 m	-0.003 m	-0.803
PP5 --> PP8 (PV562)	Az.	159°01'26"	0.146 sec	-0.070 sec	-0.350
	ΔHt.	-10.698 m	0.005 m	0.005 m	0.519
	Ellip Dist.	4015.130 m	0.003 m	0.004 m	0.803
4CU2 --> PP11 (PV85)	Az.	83°43'14"	0.066 sec	-0.016 sec	-0.127
	ΔHt.	-57.227 m	0.005 m	0.008 m	0.803
	Ellip Dist.	9625.205 m	0.003 m	0.003 m	0.740
4EU2 --> BP29 (PV6)	Az.	126°04'32"	0.020 sec	-0.010 sec	-0.287
	ΔHt.	-77.413 m	0.005 m	-0.006 m	-0.433
	Ellip Dist.	23100.940 m	0.002 m	-0.003 m	-0.801
PP19 --> PP24 (PV105)	Az.	113°07'21"	0.151 sec	-0.093 sec	-0.508
	ΔHt.	-10.791 m	0.008 m	0.018 m	0.796
	Ellip Dist.	3838.039 m	0.003 m	0.002 m	0.609
4DP1 --> BP13 (PV441)	Az.	249°27'23"	0.031 sec	0.018 sec	0.344
	ΔHt.	-10.770 m	0.005 m	0.009 m	0.790
	Ellip Dist.	13718.969 m	0.002 m	0.002 m	0.490
BP25 --> BP15 (PV299)	Az.	344°32'39"	0.214 sec	-0.092 sec	-0.335
	ΔHt.	4.607 m	0.005 m	0.000 m	-0.015
	Ellip Dist.	2399.092 m	0.003 m	0.003 m	0.789
PP24 --> PP20 (PV35)	Az.	309°28'00"	0.138 sec	-0.007 sec	-0.038
	ΔHt.	11.319 m	0.008 m	-0.031 m	-0.788
	Ellip Dist.	4191.820 m	0.003 m	0.001 m	0.367
BP30 --> PP27 (PV306)	Az.	133°42'58"	0.210 sec	-0.092 sec	-0.377
	ΔHt.	-8.572 m	0.005 m	0.004 m	0.399
	Ellip Dist.	2709.041 m	0.003 m	0.002 m	0.782
4CU2 --> PP23 (PV143)	Az.	95°09'49"	0.035 sec	-0.031 sec	-0.532
	ΔHt.	-79.745 m	0.008 m	0.012 m	0.461
	Ellip Dist.	18917.625 m	0.003 m	-0.003 m	-0.780

PP15 --> PP17 (PV334)	**Az.**	91°47'03"	0.097 sec	0.062 sec	0.377
	ΔHt.	-15.931 m	0.005 m	0.006 m	0.776
	Ellip Dist.	5850.677 m	0.003 m	0.001 m	0.300
BP13 --> PP13 (PV455)	**Az.**	29°43'30"	0.115 sec	-0.006 sec	-0.036
	ΔHt.	0.697 m	0.006 m	0.001 m	0.121
	Ellip Dist.	5615.519 m	0.003 m	0.004 m	0.776
4EU2 --> BP21 (PV585)	**Az.**	139°54'04"	0.110 sec	0.005 sec	0.027
	ΔHt.	-22.907 m	0.005 m	-0.002 m	-0.275
	Ellip Dist.	5448.479 m	0.003 m	0.003 m	0.773
4EU2 --> BP10 (PV7)	**Az.**	116°25'46"	0.032 sec	-0.040 sec	-0.771
	ΔHt.	-60.272 m	0.005 m	-0.010 m	-0.581
	Ellip Dist.	16933.629 m	0.002 m	0.002 m	0.422
4DP1 --> BP4 (PV17)	**Az.**	221°23'40"	0.046 sec	-0.052 sec	-0.618
	ΔHt.	-31.116 m	0.005 m	0.004 m	0.209
	Ellip Dist.	9721.336 m	0.002 m	0.003 m	0.766
4EU2 --> PP7 (PV519)	**Az.**	133°17'56"	0.054 sec	-0.062 sec	-0.760
	ΔHt.	-35.770 m	0.006 m	-0.014 m	-0.701
	Ellip Dist.	9634.554 m	0.003 m	0.000 m	0.119
PP29 --> PP28 (PV132)	**Az.**	268°45'02"	0.113 sec	0.134 sec	0.752
	ΔHt.	-0.209 m	0.005 m	0.010 m	0.665
	Ellip Dist.	4522.033 m	0.002 m	0.002 m	0.653
PP27 --> BP8 (PV303)	**Az.**	324°44'20"	0.087 sec	0.032 sec	0.252
	ΔHt.	17.902 m	0.005 m	-0.013 m	-0.751
	Ellip Dist.	6183.984 m	0.003 m	0.002 m	0.607
BP9 --> PP22 (PV174)	**Az.**	72°46'54"	0.206 sec	0.087 sec	0.353
	ΔHt.	-2.299 m	0.006 m	-0.009 m	-0.748
	Ellip Dist.	2857.208 m	0.003 m	0.002 m	0.617
BP12 --> PP23 (PV217)	**Az.**	102°20'52"	0.088 sec	-0.091 sec	-0.745
	ΔHt.	-20.677 m	0.008 m	-0.001 m	-0.095
	Ellip Dist.	9131.998 m	0.003 m	0.002 m	0.347
4EU2 --> BP25 (PV493)	**Az.**	132°39'50"	0.029 sec	0.017 sec	0.313
	ΔHt.	-50.564 m	0.005 m	0.010 m	0.742
	Ellip Dist.	14421.608 m	0.002 m	-0.002 m	-0.509

BP29 --> PP28 (PV100)	Az.	213°18'22"	0.128 sec	0.124 sec	0.629
	ΔHt.	-1.785 m	0.005 m	-0.004 m	-0.740
	Ellip Dist.	3866.707 m	0.002 m	0.001 m	0.357
4BR1 --> BP3 (PV183)	Az.	93°36'45"	0.132 sec	0.217 sec	0.726
	ΔHt.	-7.626 m	0.004 m	-0.006 m	-0.740
	Ellip Dist.	3283.020 m	0.002 m	0.000 m	0.030
4EU2 --> PP9 (PV491)	Az.	141°14'33"	0.028 sec	0.007 sec	0.133
	ΔHt.	-48.651 m	0.005 m	0.009 m	0.573
	Ellip Dist.	14370.312 m	0.002 m	0.004 m	0.737
4CU2 --> PP24 (PV57)	Az.	97°33'30"	0.028 sec	0.002 sec	0.041
	ΔHt.	-82.876 m	0.008 m	0.023 m	0.736
	Ellip Dist.	17557.351 m	0.002 m	-0.001 m	-0.369
PP3 --> PP1 (PV530)	Az.	175°55'59"	0.310 sec	0.123 sec	0.366
	ΔHt.	-2.730 m	0.005 m	0.004 m	0.736
	Ellip Dist.	2080.846 m	0.003 m	0.000 m	0.023
PP20 --> PP25 (PV2)	Az.	141°28'00"	0.103 sec	0.008 sec	0.041
	ΔHt.	-13.368 m	0.005 m	0.007 m	0.732
	Ellip Dist.	5200.612 m	0.003 m	-0.001 m	-0.144
4EU2 --> PP8 (PV560)	Az.	141°20'15"	0.030 sec	-0.060 sec	-0.727
	ΔHt.	-39.275 m	0.004 m	0.001 m	0.069
	Ellip Dist.	11591.747 m	0.002 m	0.004 m	0.673
3BP2 --> PP28 (PV408)	Az.	316°40'32"	0.029 sec	0.009 sec	0.146
	ΔHt.	27.097 m	0.004 m	0.010 m	0.724
	Ellip Dist.	12177.234 m	0.002 m	0.002 m	0.666
4DP1 --> PP10 (PV439)	Az.	261°43'17"	0.031 sec	0.013 sec	0.238
	ΔHt.	-2.720 m	0.006 m	-0.012 m	-0.723
	Ellip Dist.	13775.868 m	0.002 m	-0.002 m	-0.484
BP6 --> PP22 (PV204)	Az.	41°43'11"	0.339 sec	0.119 sec	0.321
	ΔHt.	2.509 m	0.005 m	0.001 m	0.246
	Ellip Dist.	1706.776 m	0.003 m	0.002 m	0.722
PP21 --> PP20 (PV24)	Az.	223°59'06"	0.469 sec	0.096 sec	0.177
	ΔHt.	0.019 m	0.004 m	-0.002 m	-0.717
	Ellip Dist.	1135.324 m	0.003 m	0.000 m	-0.149

BP8 --> PP11 (PV87)	Az.	325°49'49"	0.255 sec	0.130 sec	0.422
	ΔHt.	6.743 m	0.006 m	-0.001 m	-0.089
	Ellip Dist.	2458.752 m	0.003 m	0.003 m	0.717
BP4 --> PP26 (PV167)	Az.	88°51'08"	0.346 sec	0.282 sec	0.715
	ΔHt.	-2.111 m	0.005 m	0.001 m	0.293
	Ellip Dist.	1677.720 m	0.003 m	0.002 m	0.560
PP21 --> PP25 (PV26)	Az.	153°21'23"	0.084 sec	-0.016 sec	-0.089
	ΔHt.	-13.349 m	0.005 m	0.005 m	0.526
	Ellip Dist.	5465.701 m	0.002 m	-0.004 m	-0.715
PP29 --> BP29 (PV140)	Az.	322°34'39"	0.142 sec	-0.015 sec	-0.083
	ΔHt.	1.575 m	0.006 m	0.009 m	0.714
	Ellip Dist.	3944.308 m	0.003 m	0.002 m	0.555
4DP1 --> PP29 (PV138)	Az.	196°49'56"	0.043 sec	0.057 sec	0.712
	ΔHt.	-33.157 m	0.006 m	-0.001 m	-0.033
	Ellip Dist.	10030.839 m	0.002 m	0.003 m	0.606
BP10 --> BP11 (PV264)	Az.	215°37'23"	0.252 sec	-0.010 sec	-0.037
	ΔHt.	0.718 m	0.005 m	0.003 m	0.708
	Ellip Dist.	2511.987 m	0.003 m	0.001 m	0.388
BP20 --> BP21 (PV582)	Az.	32°10'14"	0.387 sec	-0.023 sec	-0.057
	ΔHt.	-0.235 m	0.004 m	-0.002 m	-0.707
	Ellip Dist.	1554.590 m	0.003 m	0.000 m	0.126
BP10 --> PP11 (PV92)	Az.	257°48'59"	0.194 sec	0.019 sec	0.079
	ΔHt.	9.133 m	0.006 m	0.002 m	0.330
	Ellip Dist.	3856.206 m	0.003 m	0.003 m	0.705
4DP1 --> PP17 (PV428)	Az.	233°34'34"	0.049 sec	-0.048 sec	-0.510
	ΔHt.	-24.691 m	0.004 m	0.005 m	0.605
	Ellip Dist.	9835.806 m	0.002 m	0.003 m	0.698
3BP2 --> PP24 (PV43)	Az.	337°56'25"	0.031 sec	-0.008 sec	-0.159
	ΔHt.	29.508 m	0.008 m	0.021 m	0.697
	Ellip Dist.	15076.659 m	0.002 m	-0.001 m	-0.141
PP25 --> BP3 (PV76)	Az.	195°21'22"	0.152 sec	-0.002 sec	-0.008
	ΔHt.	-2.014 m	0.005 m	0.002 m	0.247
	Ellip Dist.	3193.964 m	0.002 m	0.002 m	0.693

PP31 --> BP4 (PV27)	Az.	319°26'30"	0.092 sec	0.027 sec	0.198
	ΔHt.	10.889 m	0.006 m	0.012 m	0.692
	Ellip Dist.	6507.771 m	0.003 m	0.000 m	0.100
PP6 --> PP7 (PV517)	Az.	95°15'52"	0.248 sec	0.109 sec	0.419
	ΔHt.	-7.295 m	0.005 m	0.004 m	0.691
	Ellip Dist.	2621.254 m	0.003 m	0.002 m	0.537
BP20 --> PP6 (PV554)	Az.	117°13'48"	0.301 sec	0.113 sec	0.352
	ΔHt.	-5.803 m	0.005 m	0.002 m	0.687
	Ellip Dist.	1933.563 m	0.003 m	0.001 m	0.213
PP27 --> PP17 (PV302)	Az.	353°04'09"	0.231 sec	-0.044 sec	-0.163
	ΔHt.	5.261 m	0.005 m	-0.003 m	-0.684
	Ellip Dist.	2469.542 m	0.003 m	0.001 m	0.380
PP4 --> PP2 (PV514)	Az.	289°02'22"	0.279 sec	0.054 sec	0.191
	ΔHt.	7.302 m	0.005 m	-0.003 m	-0.684
	Ellip Dist.	2343.014 m	0.003 m	0.001 m	0.238
PP15 --> BP15 (PV342)	Az.	357°26'16"	0.092 sec	-0.091 sec	-0.682
	ΔHt.	8.634 m	0.006 m	0.008 m	0.483
	Ellip Dist.	5349.540 m	0.002 m	-0.001 m	-0.145
4BR1 --> BP29 (PV189)	Az.	56°01'41"	0.101 sec	0.087 sec	0.298
	ΔHt.	-4.189 m	0.004 m	-0.008 m	-0.680
	Ellip Dist.	4283.636 m	0.002 m	-0.001 m	-0.170
PP15 --> BP24 (PV340)	Az.	342°31'10"	0.075 sec	-0.077 sec	-0.680
	ΔHt.	16.507 m	0.007 m	-0.004 m	-0.172
	Ellip Dist.	6768.668 m	0.003 m	0.001 m	0.257
BP29 --> BP2 (PV202)	Az.	150°33'18"	0.131 sec	-0.101 sec	-0.546
	ΔHt.	-9.633 m	0.005 m	0.004 m	0.679
	Ellip Dist.	4377.981 m	0.003 m	0.001 m	0.199
PP3 --> BP21 (PV589)	Az.	115°00'03"	0.159 sec	0.060 sec	0.312
	ΔHt.	-12.691 m	0.005 m	0.004 m	0.679
	Ellip Dist.	4076.828 m	0.003 m	-0.001 m	-0.185
4DP1 --> PP9 (PV425)	Az.	254°52'21"	0.028 sec	0.026 sec	0.501
	ΔHt.	-2.820 m	0.005 m	0.003 m	0.224
	Ellip Dist.	15506.881 m	0.002 m	-0.002 m	-0.667

BP17 --> BP18 (PV575)	Az.	305°13'51"	0.287 sec	0.078 sec	0.270
	ΔHt.	5.463 m	0.006 m	-0.006 m	-0.665
	Ellip Dist.	2131.004 m	0.003 m	0.000 m	0.107
4CU2 --> BP27 (PV63)	Az.	87°16'21"	0.039 sec	-0.027 sec	-0.401
	ΔHt.	-68.226 m	0.005 m	0.010 m	0.664
	Ellip Dist.	13341.740 m	0.002 m	0.000 m	-0.072
PP29 --> BP1 (PV229)	Az.	174°14'40"	0.256 sec	0.133 sec	0.447
	ΔHt.	-12.041 m	0.006 m	-0.003 m	-0.372
	Ellip Dist.	2155.379 m	0.003 m	0.002 m	0.663
PP21 --> BP5 (PV249)	Az.	168°19'55"	0.135 sec	0.038 sec	0.205
	ΔHt.	-8.631 m	0.005 m	-0.004 m	-0.653
	Ellip Dist.	3839.944 m	0.003 m	-0.001 m	-0.213
PP9 --> BP15 (PV313)	Az.	14°31'53"	0.139 sec	0.003 sec	0.011
	ΔHt.	2.694 m	0.006 m	0.004 m	0.399
	Ellip Dist.	3866.995 m	0.003 m	0.003 m	0.652
BP13 --> BP16 (PV450)	Az.	325°20'31"	0.104 sec	-0.045 sec	-0.310
	ΔHt.	14.798 m	0.005 m	-0.007 m	-0.650
	Ellip Dist.	4895.889 m	0.002 m	0.001 m	0.171
BP25 --> PP9 (PV307)	Az.	228°22'37"	0.242 sec	-0.032 sec	-0.107
	ΔHt.	1.912 m	0.005 m	0.004 m	0.590
	Ellip Dist.	2154.073 m	0.002 m	0.002 m	0.649
4CU2 --> BP6 (PV208)	Az.	94°54'06"	0.028 sec	-0.032 sec	-0.646
	ΔHt.	-80.391 m	0.005 m	-0.006 m	-0.127
	Ellip Dist.	16633.307 m	0.002 m	0.002 m	0.515
BP16 --> BP14 (PV325)	Az.	175°38'17"	0.215 sec	0.111 sec	0.406
	ΔHt.	-4.389 m	0.006 m	0.002 m	0.199
	Ellip Dist.	2370.037 m	0.003 m	0.002 m	0.645
4EU2 --> BP13 (PV482)	Az.	137°06'04"	0.025 sec	0.030 sec	0.640
	ΔHt.	-56.601 m	0.005 m	0.007 m	0.524
	Ellip Dist.	16337.534 m	0.002 m	-0.001 m	-0.192
PP19 --> BP5 (PV244)	Az.	133°53'26"	0.218 sec	0.042 sec	0.162
	ΔHt.	-8.121 m	0.005 m	0.000 m	-0.101
	Ellip Dist.	2578.249 m	0.003 m	0.002 m	0.636

PP22 --> PP25 (PV182)	Az.	184°51'09"	0.147 sec	-0.074 sec	-0.320
	ΔHt.	-7.043 m	0.006 m	0.004 m	0.585
	Ellip Dist.	3581.173 m	0.003 m	0.003 m	0.635
BP27 --> BP12 (PV225)	Az.	263°29'21"	0.195 sec	-0.016 sec	-0.073
	ΔHt.	9.158 m	0.006 m	-0.007 m	-0.633
	Ellip Dist.	3431.200 m	0.003 m	0.001 m	0.392
BP28 --> PP25 (PV130)	Az.	157°33'39"	0.120 sec	-0.016 sec	-0.079
	ΔHt.	-9.959 m	0.005 m	0.005 m	0.629
	Ellip Dist.	4438.708 m	0.003 m	0.000 m	0.075
BP7 --> PP27 (PV316)	Az.	149°28'31"	0.140 sec	-0.043 sec	-0.246
	ΔHt.	-11.432 m	0.006 m	0.007 m	0.627
	Ellip Dist.	4021.471 m	0.003 m	0.002 m	0.542
PP16 --> PP17 (PV292)	Az.	36°20'51"	0.455 sec	0.280 sec	0.575
	ΔHt.	-0.271 m	0.004 m	-0.002 m	-0.474
	Ellip Dist.	1287.210 m	0.003 m	0.002 m	0.626
BP27 --> PP11 (PV91)	Az.	276°25'23"	0.194 sec	-0.045 sec	-0.188
	ΔHt.	10.999 m	0.006 m	0.002 m	0.356
	Ellip Dist.	3782.332 m	0.003 m	0.002 m	0.625
PP22 --> BP28 (PV172)	Az.	284°59'33"	0.288 sec	-0.205 sec	-0.625
	ΔHt.	2.916 m	0.005 m	-0.002 m	-0.601
	Ellip Dist.	2066.717 m	0.003 m	0.001 m	0.339
PP27 --> PP16 (PV305)	Az.	323°07'57"	0.320 sec	-0.221 sec	-0.625
	ΔHt.	5.532 m	0.005 m	-0.001 m	-0.344
	Ellip Dist.	1768.459 m	0.003 m	0.002 m	0.597
BP25 --> BP24 (PV297)	Az.	324°36'07"	0.126 sec	-0.003 sec	-0.018
	ΔHt.	12.479 m	0.007 m	0.000 m	0.076
	Ellip Dist.	4200.830 m	0.003 m	0.002 m	0.621
PP15 --> PP13 (PV344)	Az.	32°54'49"	0.093 sec	-0.055 sec	-0.361
	ΔHt.	-1.313 m	0.006 m	-0.006 m	-0.620
	Ellip Dist.	6805.896 m	0.003 m	0.002 m	0.416
BP12 --> PP18 (PV216)	Az.	122°28'05"	0.196 sec	-0.119 sec	-0.499
	ΔHt.	-12.796 m	0.006 m	-0.004 m	-0.554
	Ellip Dist.	3743.429 m	0.003 m	0.002 m	0.617

PP29 --> BP2 (PV192)	**Az.**	199°51'04"	0.750 sec	0.514 sec	0.614
	ΔHt.	-8.058 m	0.005 m	-0.002 m	-0.598
	Ellip Dist.	723.518 m	0.003 m	-0.001 m	-0.376
BP3 --> PP28 (PV93)	**Az.**	251°07'29"	0.249 sec	0.197 sec	0.584
	ΔHt.	1.653 m	0.004 m	-0.002 m	-0.613
	Ellip Dist.	1951.239 m	0.002 m	0.000 m	0.132
BP20 --> PP8 (PV557)	**Az.**	128°03'18"	0.088 sec	0.071 sec	0.430
	ΔHt.	-16.603 m	0.005 m	0.006 m	0.604
	Ellip Dist.	5789.405 m	0.003 m	0.003 m	0.472
4CU2 --> BP9 (PV77)	**Az.**	93°48'07"	0.031 sec	-0.001 sec	-0.025
	ΔHt.	-75.583 m	0.005 m	0.021 m	0.485
	Ellip Dist.	15011.318 m	0.002 m	0.002 m	0.600
PP19 --> PP22 (PV173)	**Az.**	80°17'03"	0.153 sec	0.071 sec	0.367
	ΔHt.	-5.797 m	0.006 m	-0.006 m	-0.415
	Ellip Dist.	3889.948 m	0.003 m	0.002 m	0.597
PP9 --> PP13 (PV314)	**Az.**	50°01'59"	0.107 sec	-0.055 sec	-0.324
	ΔHt.	-7.253 m	0.006 m	-0.006 m	-0.595
	Ellip Dist.	6403.208 m	0.003 m	0.001 m	0.173
PP20 --> BP28 (PV129)	**Az.**	88°43'55"	0.389 sec	-0.141 sec	-0.337
	ΔHt.	-3.409 m	0.004 m	-0.002 m	-0.588
	Ellip Dist.	1545.272 m	0.003 m	-0.001 m	-0.355
PP3 --> PP7 (PV518)	**Az.**	120°02'35"	0.075 sec	-0.032 sec	-0.340
	ΔHt.	-25.555 m	0.006 m	-0.005 m	-0.587
	Ellip Dist.	8314.411 m	0.003 m	-0.002 m	-0.458
BP13 --> BP15 (PV454)	**Az.**	345°39'11"	0.111 sec	-0.030 sec	-0.200
	ΔHt.	10.644 m	0.006 m	0.009 m	0.586
	Ellip Dist.	4652.779 m	0.003 m	0.000 m	0.016
BP27 --> BP11 (PV263)	**Az.**	241°00'11"	0.388 sec	0.012 sec	0.032
	ΔHt.	2.584 m	0.005 m	0.002 m	0.585
	Ellip Dist.	1660.495 m	0.003 m	0.001 m	0.365
PP8 --> PP13 (PV288)	**Az.**	73°36'59"	0.099 sec	-0.035 sec	-0.207
	ΔHt.	-16.629 m	0.006 m	-0.006 m	-0.582
	Ellip Dist.	6941.441 m	0.003 m	-0.001 m	-0.210

4CU2 --> PP1 (PV537)	**Az.**	339°07'33"	0.118 sec	-0.014 sec	-0.074
	ΔHt.	-19.034 m	0.006 m	0.005 m	0.581
	Ellip Dist.	5235.162 m	0.003 m	0.002 m	0.331
BP25 --> PP13 (PV300)	**Az.**	50°53'12"	0.158 sec	-0.124 sec	-0.554
	ΔHt.	-5.340 m	0.006 m	-0.003 m	-0.354
	Ellip Dist.	4250.506 m	0.003 m	0.003 m	0.580
PP10 --> BP24 (PV269)	**Az.**	322°17'02"	0.151 sec	-0.011 sec	-0.059
	ΔHt.	10.466 m	0.007 m	0.004 m	0.283
	Ellip Dist.	3526.825 m	0.003 m	0.002 m	0.579
PP21 --> PP19 (PV106)	**Az.**	208°43'30"	0.229 sec	0.163 sec	0.578
	ΔHt.	-0.509 m	0.005 m	-0.003 m	-0.392
	Ellip Dist.	2249.799 m	0.003 m	-0.001 m	-0.255
PP20 --> PP22 (PV181)	**Az.**	98°01'54"	0.166 sec	-0.001 sec	-0.007
	ΔHt.	-6.325 m	0.006 m	-0.005 m	-0.352
	Ellip Dist.	3576.536 m	0.003 m	0.002 m	0.576
BP25 --> PP10 (PV301)	**Az.**	336°29'41"	0.732 sec	-0.504 sec	-0.573
	ΔHt.	2.013 m	0.005 m	0.000 m	0.127
	Ellip Dist.	691.735 m	0.003 m	0.002 m	0.554
4DP1 --> PP27 (PV426)	**Az.**	222°34'34"	0.040 sec	-0.041 sec	-0.572
	ΔHt.	-29.952 m	0.005 m	0.002 m	0.126
	Ellip Dist.	11260.188 m	0.002 m	0.001 m	0.154
BP11 --> PP18 (PV255)	**Az.**	143°00'45"	0.341 sec	-0.127 sec	-0.369
	ΔHt.	-6.221 m	0.005 m	0.002 m	0.425
	Ellip Dist.	1996.378 m	0.003 m	0.002 m	0.572
BP3 --> BP4 (PV72)	**Az.**	334°24'19"	0.286 sec	0.187 sec	0.571
	ΔHt.	3.904 m	0.005 m	0.000 m	0.079
	Ellip Dist.	1968.061 m	0.003 m	0.001 m	0.465
4EU2 --> PP24 (PV34)	**Az.**	121°21'02"	0.021 sec	0.010 sec	0.210
	ΔHt.	-76.788 m	0.008 m	-0.024 m	-0.571
	Ellip Dist.	22521.916 m	0.002 m	-0.002 m	-0.424
PP24 --> BP9 (PV79)	**Az.**	298°32'28"	0.206 sec	-0.061 sec	-0.249
	ΔHt.	7.293 m	0.008 m	-0.015 m	-0.567
	Ellip Dist.	2759.493 m	0.003 m	0.001 m	0.442

4DP1 --> BP15 (PV436)	Az.	268°45'05"	0.031 sec	0.031 sec	0.558
	ΔHt.	-0.126 m	0.006 m	-0.006 m	-0.312
	Ellip Dist.	13996.776 m	0.002 m	0.000 m	-0.085
PP24 --> PP22 (PV177)	Az.	8°01'48"	0.262 sec	0.125 sec	0.397
	ΔHt.	4.994 m	0.009 m	0.003 m	0.079
	Ellip Dist.	2184.966 m	0.003 m	0.002 m	0.555
4CU2 --> PP20 (PV64)	Az.	88°35'16"	0.034 sec	-0.033 sec	-0.554
	ΔHt.	-71.557 m	0.005 m	-0.018 m	-0.358
	Ellip Dist.	14168.244 m	0.002 m	0.000 m	-0.064
PP8 --> PP10 (PV289)	Az.	91°40'42"	0.159 sec	0.051 sec	0.239
	ΔHt.	-9.276 m	0.005 m	0.006 m	0.550
	Ellip Dist.	3087.777 m	0.002 m	0.001 m	0.402
PP19 --> PP20 (PV109)	Az.	14°12'26"	0.464 sec	0.276 sec	0.544
	ΔHt.	0.528 m	0.004 m	0.000 m	-0.086
	Ellip Dist.	1192.550 m	0.003 m	0.000 m	0.098
BP9 --> BP5 (PV245)	Az.	154°46'29"	0.311 sec	0.085 sec	0.237
	ΔHt.	-4.623 m	0.004 m	0.000 m	0.086
	Ellip Dist.	1766.363 m	0.003 m	0.002 m	0.534
BP14 --> BP15 (PV327)	Az.	27°01'41"	0.166 sec	-0.041 sec	-0.196
	ΔHt.	0.235 m	0.006 m	0.007 m	0.531
	Ellip Dist.	3192.822 m	0.003 m	0.001 m	0.249
PP21 --> PP24 (PV32)	Az.	144°52'35"	0.122 sec	-0.017 sec	-0.103
	ΔHt.	-11.301 m	0.008 m	0.013 m	0.530
	Ellip Dist.	4255.359 m	0.003 m	-0.001 m	-0.152
BP19 --> PP2 (PV509)	Az.	275°07'39"	0.379 sec	0.084 sec	0.227
	ΔHt.	3.495 m	0.005 m	-0.002 m	-0.528
	Ellip Dist.	1715.909 m	0.003 m	0.001 m	0.255
BP20 --> PP1 (PV548)	Az.	289°31'26"	0.228 sec	-0.015 sec	-0.053
	ΔHt.	9.726 m	0.005 m	-0.004 m	-0.528
	Ellip Dist.	2885.555 m	0.003 m	0.000 m	-0.034
PP3 --> BP18 (PV535)	Az.	127°07'21"	0.116 sec	0.041 sec	0.276
	ΔHt.	-18.182 m	0.006 m	0.012 m	0.511
	Ellip Dist.	5243.550 m	0.003 m	0.002 m	0.527

BP30 --> PP16 (PV265)	Az.	117°02'04"	0.568 sec	0.113 sec	0.187
	ΔHt.	-3.040 m	0.005 m	0.001 m	0.526
	Ellip Dist.	1006.721 m	0.003 m	0.001 m	0.305
BP16 --> PP10 (PV279)	Az.	120°57'47"	0.222 sec	0.143 sec	0.524
	ΔHt.	-6.748 m	0.005 m	0.004 m	0.404
	Ellip Dist.	2326.483 m	0.002 m	-0.001 m	-0.168
3BP2 --> PP26 (PV165)	Az.	333°18'22"	0.039 sec	0.028 sec	0.362
	ΔHt.	27.236 m	0.005 m	-0.003 m	-0.352
	Ellip Dist.	12644.151 m	0.002 m	0.002 m	0.507
BP25 --> BP26 (PV298)	Az.	61°00'19"	0.151 sec	0.023 sec	0.118
	ΔHt.	-8.140 m	0.005 m	-0.003 m	-0.506
	Ellip Dist.	4154.123 m	0.003 m	0.002 m	0.429
BP9 --> BP28 (PV122)	Az.	27°57'59"	0.366 sec	0.067 sec	0.163
	ΔHt.	0.617 m	0.004 m	-0.002 m	-0.506
	Ellip Dist.	1562.294 m	0.003 m	-0.001 m	-0.473
BP29 --> BP4 (PV19)	Az.	233°46'55"	0.392 sec	0.022 sec	0.050
	ΔHt.	0.466 m	0.005 m	0.001 m	0.335
	Ellip Dist.	1397.021 m	0.003 m	0.002 m	0.503
PP9 --> BP24 (PV311)	Az.	350°22'06"	0.110 sec	0.024 sec	0.124
	ΔHt.	10.567 m	0.007 m	0.005 m	0.499
	Ellip Dist.	4924.374 m	0.003 m	0.001 m	0.178
PP19 --> PP25 (PV110)	Az.	129°29'57"	0.116 sec	0.020 sec	0.094
	ΔHt.	-12.840 m	0.005 m	0.004 m	0.494
	Ellip Dist.	4578.114 m	0.003 m	0.001 m	0.275
PP8 --> BP15 (PV287)	Az.	59°45'13"	0.160 sec	0.105 sec	0.489
	ΔHt.	-6.682 m	0.006 m	0.003 m	0.254
	Ellip Dist.	3151.424 m	0.002 m	0.001 m	0.171
BP16 --> BP15 (PV277)	Az.	73°34'14"	0.311 sec	0.085 sec	0.231
	ΔHt.	-4.154 m	0.005 m	0.001 m	0.353
	Ellip Dist.	1700.544 m	0.002 m	-0.001 m	-0.487
PP8 --> BP24 (PV285)	Az.	18°58'36"	0.183 sec	0.116 sec	0.480
	ΔHt.	1.191 m	0.007 m	0.004 m	0.284
	Ellip Dist.	2853.876 m	0.002 m	-0.001 m	-0.270

PP19 --> BP28 (PV121)	Az.	57°03'58"	0.272 sec	0.137 sec	0.433
	ΔHt.	-2.881 m	0.005 m	-0.002 m	-0.480
	Ellip Dist.	2189.419 m	0.003 m	0.000 m	0.102
BP20 --> PP2 (PV555)	Az.	305°35'23"	0.175 sec	0.060 sec	0.283
	ΔHt.	8.691 m	0.005 m	0.006 m	0.479
	Ellip Dist.	3501.191 m	0.003 m	0.000 m	0.055
PP27 --> PP14 (PV304)	Az.	312°29'06"	0.103 sec	0.037 sec	0.230
	ΔHt.	19.895 m	0.005 m	-0.004 m	-0.456
	Ellip Dist.	6358.685 m	0.003 m	0.002 m	0.477
PP15 --> BP14 (PV329)	Az.	325°56'11"	0.161 sec	-0.104 sec	-0.471
	ΔHt.	8.399 m	0.006 m	0.002 m	0.237
	Ellip Dist.	3018.209 m	0.002 m	0.001 m	0.435
BP9 --> BP6 (PV207)	Az.	105°02'47"	0.336 sec	0.091 sec	0.243
	ΔHt.	-4.808 m	0.004 m	0.001 m	0.470
	Ellip Dist.	1650.103 m	0.003 m	0.001 m	0.299
BP18 --> PP7 (PV532)	Az.	108°19'57"	0.202 sec	-0.041 sec	-0.187
	ΔHt.	-7.372 m	0.006 m	-0.006 m	-0.466
	Ellip Dist.	3177.250 m	0.003 m	-0.001 m	-0.187
BP17 --> PP7 (PV577)	Az.	79°48'01"	0.501 sec	0.093 sec	0.200
	ΔHt.	-1.909 m	0.005 m	0.001 m	0.444
	Ellip Dist.	1295.615 m	0.003 m	0.001 m	0.465
BP10 --> PP18 (PV159)	Az.	184°07'28"	0.179 sec	0.018 sec	0.089
	ΔHt.	-5.503 m	0.006 m	0.003 m	0.460
	Ellip Dist.	3646.177 m	0.004 m	0.000 m	0.102
3BP2 --> PP22 (PV176)	Az.	341°38'18"	0.027 sec	0.003 sec	0.071
	ΔHt.	34.502 m	0.006 m	-0.008 m	-0.459
	Ellip Dist.	17001.938 m	0.002 m	-0.001 m	-0.293
BP14 --> PP10 (PV328)	Az.	57°16'26"	0.241 sec	-0.131 sec	-0.448
	ΔHt.	-2.359 m	0.006 m	0.004 m	0.457
	Ellip Dist.	2157.134 m	0.003 m	0.000 m	-0.067
4EU2 --> PP15 (PV488)	Az.	141°26'27"	0.022 sec	-0.020 sec	-0.455
	ΔHt.	-54.591 m	0.004 m	0.001 m	0.125
	Ellip Dist.	16376.368 m	0.002 m	0.000 m	-0.007

BP16 --> BP24 (PV275)	Az.	354°09'02"	0.332 sec	-0.178 sec	-0.455
	ΔHt.	3.718 m	0.006 m	0.000 m	-0.036
	Ellip Dist.	1600.850 m	0.003 m	-0.001 m	-0.348
4EU2 --> PP1 (PV526)	Az.	180°28'48"	0.133 sec	-0.089 sec	-0.444
	ΔHt.	-12.946 m	0.006 m	0.004 m	0.430
	Ellip Dist.	4520.435 m	0.003 m	0.002 m	0.426
BP20 --> PP3 (PV556)	Az.	316°40'54"	0.124 sec	-0.014 sec	-0.086
	ΔHt.	12.457 m	0.005 m	-0.002 m	-0.239
	Ellip Dist.	4178.398 m	0.003 m	0.001 m	0.432
BP13 --> PP10 (PV456)	Az.	344°24'33"	0.174 sec	-0.098 sec	-0.429
	ΔHt.	8.050 m	0.006 m	0.000 m	-0.030
	Ellip Dist.	2937.748 m	0.003 m	0.001 m	0.184
BP18 --> PP5 (PV533)	Az.	80°24'13"	0.384 sec	0.176 sec	0.424
	ΔHt.	-0.180 m	0.005 m	-0.001 m	-0.169
	Ellip Dist.	1832.443 m	0.003 m	0.000 m	0.104
BP13 --> PP12 (PV451)	Az.	14°29'36"	0.123 sec	-0.012 sec	-0.073
	ΔHt.	4.792 m	0.005 m	-0.002 m	-0.311
	Ellip Dist.	4707.318 m	0.003 m	0.002 m	0.423
PP9 --> BP26 (PV312)	Az.	56°41'27"	0.101 sec	0.026 sec	0.177
	ΔHt.	-10.053 m	0.006 m	-0.003 m	-0.420
	Ellip Dist.	6273.786 m	0.003 m	0.002 m	0.381
BP20 --> BP17 (PV573)	Az.	113°54'59"	0.174 sec	0.036 sec	0.181
	ΔHt.	-11.189 m	0.005 m	0.005 m	0.417
	Ellip Dist.	3341.352 m	0.003 m	0.001 m	0.176
BP14 --> BP24 (PV326)	Az.	355°02'22"	0.137 sec	-0.026 sec	-0.146
	ΔHt.	8.108 m	0.007 m	0.002 m	0.140
	Ellip Dist.	3970.565 m	0.003 m	0.001 m	0.411
BP14 --> PP9 (PV322)	Az.	151°51'59"	0.499 sec	0.089 sec	0.144
	ΔHt.	-2.459 m	0.005 m	0.001 m	0.407
	Ellip Dist.	1019.702 m	0.003 m	0.001 m	0.179
BP22 --> PP1 (PV566)	Az.	283°27'24"	0.461 sec	0.033 sec	0.074
	ΔHt.	5.955 m	0.005 m	-0.002 m	-0.405
	Ellip Dist.	1496.732 m	0.003 m	-0.001 m	-0.189

BP25 --> PP12 (PV296)	Az.	35°36'25"	0.205 sec	-0.037 sec	-0.149
	ΔHt.	-1.245 m	0.005 m	-0.002 m	-0.364
	Ellip Dist.	2905.549 m	0.003 m	0.001 m	0.400
PP6 --> BP23 (PV598)	Az.	128°22'41"	0.214 sec	0.032 sec	0.140
	ΔHt.	-8.849 m	0.005 m	0.002 m	0.321
	Ellip Dist.	2974.132 m	0.003 m	0.001 m	0.392
PP3 --> BP22 (PV571)	Az.	146°30'54"	0.210 sec	0.066 sec	0.279
	ΔHt.	-8.685 m	0.005 m	-0.004 m	-0.387
	Ellip Dist.	2905.969 m	0.003 m	0.001 m	0.246
BP6 --> BP28 (PV205)	Az.	334°33'02"	0.276 sec	-0.023 sec	-0.071
	ΔHt.	5.425 m	0.004 m	0.000 m	-0.088
	Ellip Dist.	2002.697 m	0.003 m	-0.001 m	-0.381
BP22 --> PP2 (PV570)	Az.	311°55'05"	0.309 sec	0.025 sec	0.082
	ΔHt.	4.920 m	0.005 m	0.003 m	0.381
	Ellip Dist.	2127.844 m	0.003 m	0.000 m	0.101
PP3 --> BP23 (PV599)	Az.	129°49'05"	0.071 sec	-0.043 sec	-0.376
	ΔHt.	-27.109 m	0.006 m	-0.003 m	-0.224
	Ellip Dist.	9008.717 m	0.003 m	-0.002 m	-0.311
BP17 --> BP23 (PV590)	Az.	144°06'19"	0.364 sec	-0.090 sec	-0.251
	ΔHt.	-3.464 m	0.005 m	0.001 m	0.199
	Ellip Dist.	1699.194 m	0.003 m	0.001 m	0.376
PP25 --> PP28 (PV101)	Az.	215°57'33"	0.094 sec	0.010 sec	0.061
	ΔHt.	-0.361 m	0.004 m	0.002 m	0.371
	Ellip Dist.	4584.705 m	0.002 m	0.001 m	0.302
BP26 --> PP12 (PV270)	Az.	280°12'06"	0.350 sec	-0.124 sec	-0.371
	ΔHt.	6.895 m	0.005 m	0.001 m	0.237
	Ellip Dist.	1972.852 m	0.003 m	0.000 m	0.028
BP11 --> PP11 (PV256)	Az.	298°01'36"	0.275 sec	-0.025 sec	-0.085
	ΔHt.	8.415 m	0.005 m	0.000 m	0.054
	Ellip Dist.	2612.840 m	0.003 m	0.001 m	0.369
BP18 --> PP8 (PV559)	Az.	136°41'59"	0.121 sec	0.029 sec	0.158
	ΔHt.	-10.878 m	0.006 m	0.002 m	0.144
	Ellip Dist.	4731.306 m	0.003 m	0.003 m	0.366

BP13 --> BP14 (PV446)	Az.	302°34'21"	0.169 sec	-0.060 sec	-0.275
	ΔHt.	10.408 m	0.006 m	-0.004 m	-0.355
	Ellip Dist.	3090.733 m	0.002 m	0.001 m	0.240
BP6 --> PP20 (PV214)	Az.	306°24'59"	0.187 sec	0.027 sec	0.123
	ΔHt.	8.834 m	0.005 m	0.002 m	0.188
	Ellip Dist.	2989.217 m	0.003 m	0.001 m	0.349
BP17 --> PP5 (PV578)	Az.	2°28'10"	0.416 sec	0.137 sec	0.347
	ΔHt.	5.283 m	0.005 m	-0.001 m	-0.210
	Ellip Dist.	1535.893 m	0.003 m	0.001 m	0.285
PP4 --> PP1 (PV527)	Az.	261°34'53"	0.321 sec	0.030 sec	0.089
	ΔHt.	8.337 m	0.005 m	-0.002 m	-0.339
	Ellip Dist.	2109.955 m	0.003 m	0.000 m	0.041
BP4 --> PP28 (PV97)	Az.	202°29'00"	0.191 sec	0.087 sec	0.336
	ΔHt.	-2.250 m	0.005 m	-0.001 m	-0.141
	Ellip Dist.	2604.217 m	0.003 m	0.000 m	0.011
PP7 --> PP5 (PV516)	Az.	317°11'46"	0.354 sec	-0.050 sec	-0.143
	ΔHt.	7.192 m	0.005 m	0.002 m	0.335
	Ellip Dist.	1778.962 m	0.003 m	0.000 m	-0.069
BP27 --> PP18 (PV158)	Az.	185°58'57"	0.261 sec	-0.065 sec	-0.229
	ΔHt.	-3.638 m	0.006 m	0.002 m	0.333
	Ellip Dist.	2412.908 m	0.004 m	0.000 m	0.129
4DP1 --> PP31 (PV28)	Az.	190°10'51"	0.037 sec	0.018 sec	0.253
	ΔHt.	-42.006 m	0.006 m	0.005 m	0.329
	Ellip Dist.	12433.697 m	0.002 m	-0.001 m	-0.146
BP20 --> BP23 (PV592)	Az.	123°59'00"	0.124 sec	0.032 sec	0.204
	ΔHt.	-14.653 m	0.005 m	0.002 m	0.327
	Ellip Dist.	4885.575 m	0.003 m	0.001 m	0.178
PP10 --> PP9 (PV315)	Az.	212°51'58"	0.216 sec	-0.103 sec	-0.321
	ΔHt.	-0.100 m	0.006 m	0.002 m	0.285
	Ellip Dist.	2458.711 m	0.003 m	0.001 m	0.164
BP20 --> PP5 (PV552)	Az.	86°42'01"	0.205 sec	0.076 sec	0.320
	ΔHt.	-5.906 m	0.005 m	0.000 m	-0.010
	Ellip Dist.	3125.330 m	0.003 m	0.000 m	0.085

PP31 --> PP29 (PV136)	Az.	344°58'49"	0.210 sec	-0.047 sec	-0.185
	ΔHt.	8.849 m	0.006 m	-0.002 m	-0.172
	Ellip Dist.	2729.936 m	0.003 m	0.001 m	0.320
BP5 --> BP28 (PV243)	Az.	359°37'01"	0.192 sec	-0.013 sec	-0.055
	ΔHt.	5.240 m	0.004 m	0.002 m	0.312
	Ellip Dist.	2977.846 m	0.003 m	0.000 m	0.033
PP22 --> BP5 (PV242)	Az.	218°58'51"	0.190 sec	-0.001 sec	-0.006
	ΔHt.	-2.324 m	0.005 m	0.000 m	-0.067
	Ellip Dist.	3142.884 m	0.003 m	0.001 m	0.309
BP15 --> BP24 (PV268)	Az.	301°47'16"	0.255 sec	-0.025 sec	-0.084
	ΔHt.	7.873 m	0.007 m	0.000 m	0.021
	Ellip Dist.	2110.663 m	0.003 m	0.001 m	0.294
PP21 --> PP22 (PV178)	Az.	115°33'52"	0.175 sec	-0.052 sec	-0.228
	ΔHt.	-6.306 m	0.006 m	0.002 m	0.197
	Ellip Dist.	3051.723 m	0.003 m	0.001 m	0.292
BP7 --> BP30 (PV321)	Az.	176°57'41"	0.342 sec	0.045 sec	0.118
	ΔHt.	-2.860 m	0.005 m	0.001 m	0.213
	Ellip Dist.	1594.216 m	0.003 m	0.001 m	0.285
PP10 --> BP15 (PV266)	Az.	347°46'37"	0.304 sec	-0.012 sec	-0.034
	ΔHt.	2.594 m	0.005 m	-0.001 m	-0.284
	Ellip Dist.	1716.907 m	0.003 m	0.001 m	0.277
BP20 --> BP18 (PV547)	Az.	95°28'22"	0.455 sec	0.069 sec	0.151
	ΔHt.	-5.726 m	0.005 m	0.001 m	0.284
	Ellip Dist.	1319.403 m	0.003 m	0.001 m	0.188
BP20 --> PP7 (PV550)	Az.	104°33'46"	0.135 sec	0.045 sec	0.276
	ΔHt.	-13.098 m	0.006 m	0.002 m	0.124
	Ellip Dist.	4473.237 m	0.003 m	0.000 m	0.125
BP20 --> PP4 (PV551)	Az.	333°35'06"	0.410 sec	0.117 sec	0.276
	ΔHt.	1.389 m	0.004 m	0.000 m	0.084
	Ellip Dist.	1421.543 m	0.003 m	0.001 m	0.202
BP18 --> BP23 (PV594)	Az.	133°35'03"	0.168 sec	0.011 sec	0.057
	ΔHt.	-8.927 m	0.006 m	0.001 m	0.069
	Ellip Dist.	3779.023 m	0.004 m	0.002 m	0.272

BP22 --> BP21 (PV581)	Az.	71°29'19"	0.296 sec	0.045 sec	0.154
	ΔHt.	-4.006 m	0.004 m	-0.001 m	-0.254
	Ellip Dist.	2205.806 m	0.003 m	0.000 m	0.107
PP7 --> BP23 (PV596)	Az.	189°51'36"	0.405 sec	0.049 sec	0.127
	ΔHt.	-1.555 m	0.005 m	-0.001 m	-0.250
	Ellip Dist.	1629.978 m	0.003 m	0.000 m	-0.076
BP13 --> BP24 (PV452)	Az.	332°19'42"	0.084 sec	-0.013 sec	-0.111
	ΔHt.	18.516 m	0.007 m	-0.001 m	-0.030
	Ellip Dist.	6345.504 m	0.003 m	0.001 m	0.247
BP20 --> BP19 (PV553)	Az.	328°51'49"	0.269 sec	0.072 sec	0.244
	ΔHt.	5.195 m	0.005 m	0.000 m	0.028
	Ellip Dist.	2201.153 m	0.003 m	0.001 m	0.207
PP6 --> PP5 (PV511)	Az.	52°46'36"	0.390 sec	0.088 sec	0.242
	ΔHt.	-0.102 m	0.005 m	-0.001 m	-0.191
	Ellip Dist.	1759.498 m	0.003 m	0.001 m	0.172
PP4 --> BP21 (PV586)	Az.	88°19'04"	0.449 sec	-0.061 sec	-0.145
	ΔHt.	-1.624 m	0.004 m	-0.001 m	-0.242
	Ellip Dist.	1460.754 m	0.003 m	0.000 m	0.089
PP2 --> BP21 (PV588)	Az.	101°05'37"	0.184 sec	0.023 sec	0.116
	ΔHt.	-8.926 m	0.005 m	0.001 m	0.241
	Ellip Dist.	3745.110 m	0.003 m	0.000 m	-0.057
PP21 --> BP10 (PV25)	Az.	293°39'08"	0.331 sec	-0.032 sec	-0.091
	ΔHt.	5.215 m	0.005 m	0.000 m	-0.036
	Ellip Dist.	1762.399 m	0.003 m	-0.001 m	-0.225
BP17 --> PP6 (PV579)	Az.	289°24'22"	0.438 sec	0.093 sec	0.222
	ΔHt.	5.385 m	0.005 m	0.000 m	-0.163
	Ellip Dist.	1415.440 m	0.003 m	0.000 m	0.076
PP21 --> BP6 (PV211)	Az.	148°01'38"	0.164 sec	-0.021 sec	-0.095
	ΔHt.	-8.816 m	0.005 m	0.002 m	0.218
	Ellip Dist.	3054.384 m	0.003 m	0.001 m	0.201
BP22 --> BP19 (PV569)	Az.	5°39'40"	0.488 sec	0.019 sec	0.040
	ΔHt.	1.424 m	0.004 m	0.000 m	0.007
	Ellip Dist.	1274.427 m	0.003 m	0.001 m	0.216

PP11 --> PP18 (PV151)	Az.	128°48'31"	0.170 sec	-0.045 sec	-0.216
	ΔHt.	-14.636 m	0.006 m	-0.001 m	-0.080
	Ellip Dist.	4502.059 m	0.004 m	0.000 m	0.088
BP19 --> PP1 (PV528)	Az.	239°48'48"	0.362 sec	0.077 sec	0.214
	ΔHt.	4.531 m	0.005 m	-0.001 m	-0.150
	Ellip Dist.	1829.458 m	0.003 m	0.000 m	-0.048
PP8 --> BP16 (PV283)	Az.	44°36'40"	0.309 sec	0.085 sec	0.213
	ΔHt.	-2.528 m	0.004 m	0.000 m	0.095
	Ellip Dist.	1553.998 m	0.002 m	0.000 m	-0.061
BP6 --> BP5 (PV241)	Az.	215°43'13"	0.399 sec	-0.091 sec	-0.209
	ΔHt.	0.185 m	0.004 m	0.001 m	0.154
	Ellip Dist.	1440.389 m	0.003 m	0.001 m	0.167
BP20 --> BP22 (PV564)	Az.	295°58'33"	0.424 sec	0.091 sec	0.209
	ΔHt.	3.771 m	0.004 m	0.000 m	-0.095
	Ellip Dist.	1406.091 m	0.003 m	0.000 m	0.031
PP2 --> PP1 (PV529)	Az.	173°12'21"	0.624 sec	-0.106 sec	-0.187
	ΔHt.	1.035 m	0.005 m	0.000 m	-0.074
	Ellip Dist.	1080.809 m	0.003 m	-0.001 m	-0.177
PP5 --> BP23 (PV597)	Az.	162°16'54"	0.212 sec	0.010 sec	0.045
	ΔHt.	-8.747 m	0.005 m	-0.001 m	-0.186
	Ellip Dist.	3055.942 m	0.004 m	0.000 m	-0.026
BP21 --> PP1 (PV584)	Az.	264°20'43"	0.200 sec	-0.041 sec	-0.172
	ΔHt.	9.961 m	0.005 m	0.000 m	0.063
	Ellip Dist.	3564.745 m	0.003 m	0.000 m	0.064
PP4 --> BP19 (PV513)	Az.	320°22'34"	0.799 sec	0.121 sec	0.164
	ΔHt.	3.806 m	0.004 m	0.000 m	0.166
	Ellip Dist.	793.112 m	0.003 m	0.000 m	0.124
PP20 --> BP5 (PV252)	Az.	151°59'51"	0.169 sec	0.020 sec	0.096
	ΔHt.	-8.649 m	0.005 m	0.001 m	0.164
	Ellip Dist.	3333.880 m	0.003 m	0.000 m	-0.042
BP9 --> PP20 (PV83)	Az.	328°53'12"	0.346 sec	-0.037 sec	-0.096
	ΔHt.	4.026 m	0.004 m	0.000 m	0.146
	Ellip Dist.	1571.909 m	0.003 m	0.000 m	0.109

PP21 --> BP12 (PV222)	Az.	259°39'41"	0.121 sec	-0.021 sec	-0.129
	ΔHt.	12.507 m	0.006 m	0.000 m	0.018
	Ellip Dist.	5117.540 m	0.003 m	0.000 m	-0.080
PP4 --> BP22 (PV568)	Az.	223°51'26"	0.671 sec	-0.016 sec	-0.025
	ΔHt.	2.382 m	0.004 m	0.000 m	0.057
	Ellip Dist.	911.579 m	0.003 m	0.000 m	0.127
BP19 --> BP21 (PV587)	Az.	106°06'45"	0.328 sec	-0.012 sec	-0.037
	ΔHt.	-5.430 m	0.005 m	0.000 m	-0.098
	Ellip Dist.	2046.341 m	0.003 m	0.000 m	0.071

Covariance Terms

From Point	To Point		Components	A-posteriori Error	Horiz. Precision (Ratio)	3D Precision (Ratio)
3BP2	4BR1	Az.	314°44'51"	0.000 sec	1 : 0	1 : 0
		ΔHt.	33.080 m	0.000 m		
		ΔElev.	33.152 m	0.000 m		
		Ellip Dist.	13777.107 m	0.000 m		
3BP2	4CU2	Az.	305°17'32"	0.000 sec	1 : 0	1 : 0
		ΔHt.	112.400 m	0.000 m		
		ΔElev.	112.424 m	0.000 m		
		Ellip Dist.	28254.352 m	0.000 m		
3BP2	4DP1	Az.	357°08'06"	0.000 sec	1 : 0	1 : 0
		ΔHt.	60.480 m	0.000 m		
		ΔElev.	60.267 m	0.000 m		
		Ellip Dist.	18579.537 m	0.000 m		
3BP2	4EU2	Az.	315°59'23"	0.000 sec	1 : 0	1 : 0
		ΔHt.	106.320 m	0.000 m		
		ΔElev.	106.319 m	0.000 m		
		Ellip Dist.	35789.103 m	0.000 m		
3BP2	BP1	Az.	332°01'00"	0.061 sec	1 : 3564548	1 : 3566739
		ΔHt.	15.272 m	0.005 m		
		ΔElev.	15.276 m	0.005 m		
		Ellip Dist.	7712.622 m	0.002 m		
3BP2	BP10	Az.	331°50'38"	0.024 sec	1 : 8005299	1 : 8013867

		ΔHt.	46.040 m	0.005 m		
		ΔElev.	45.996 m	0.005 m		
		Ellip Dist.	20601.831 m	0.003 m		
3BP2	BP11	**Az.**	325°14'48"	0.025 sec	1 : 7594990	1 : 7607524
		ΔHt.	46.756 m	0.004 m		
		ΔElev.	46.770 m	0.004 m		
		Ellip Dist.	19624.165 m	0.003 m		
3BP2	BP12	**Az.**	321°31'51"	0.024 sec	1 : 8123525	1 : 8135617
		ΔHt.	53.331 m	0.006 m		
		ΔElev.	53.362 m	0.006 m		
		Ellip Dist.	21127.067 m	0.003 m		
3BP2	BP14	**Az.**	313°15'28"	0.018 sec	1 : 11477444	1 : 11480404
		ΔHt.	60.118 m	0.005 m		
		ΔElev.	60.163 m	0.005 m		
		Ellip Dist.	22488.462 m	0.002 m		
3BP2	BP15	**Az.**	320°43'58"	0.017 sec	1 : 11391017	1 : 11393238
		ΔHt.	60.355 m	0.005 m		
		ΔElev.	60.384 m	0.005 m		
		Ellip Dist.	23575.987 m	0.002 m		
3BP2	BP2	**Az.**	333°45'14"	0.051 sec	1 : 4180105	1 : 4182218
		ΔHt.	19.257 m	0.004 m		
		ΔElev.	19.253 m	0.004 m		
		Ellip Dist.	9226.277 m	0.002 m		
3BP2	BP24	**Az.**	319°12'17"	0.017 sec	1 : 11461270	1 : 11463272
		ΔHt.	68.229 m	0.006 m		
		ΔElev.	68.261 m	0.006 m		
		Ellip Dist.	25582.470 m	0.002 m		
3BP2	BP27	**Az.**	330°05'59"	0.023 sec	1 : 7930921	1 : 7940363
		ΔHt.	44.173 m	0.005 m		
		ΔElev.	44.150 m	0.005 m		
		Ellip Dist.	19525.959 m	0.002 m		
3BP2	BP28	**Az.**	336°12'13"	0.025 sec	1 : 7499505	1 : 7503723
		ΔHt.	37.432 m	0.004 m		
		ΔElev.	37.367 m	0.004 m		
		Ellip Dist.	18221.110 m	0.002 m		
3BP2	BP29	**Az.**	332°44'11"	0.032 sec	1 : 6414683	1 : 6415947
		ΔHt.	28.893 m	0.004 m		

		ΔElev.	28.883 m	0.004 m		
		Ellip Dist.	13599.738 m	0.002 m		
3BP2	BP3	**Az.**	325°33'12"	0.039 sec	1 : 5735641	1 : 5737891
		ΔHt.	25.453 m	0.004 m		
		ΔElev.	25.482 m	0.004 m		
		Ellip Dist.	11506.303 m	0.002 m		
3BP2	BP30	**Az.**	319°07'56"	0.027 sec	1 : 7541851	1 : 7544811
		ΔHt.	39.095 m	0.004 m		
		ΔElev.	39.153 m	0.004 m		
		Ellip Dist.	16052.930 m	0.002 m		
3BP2	BP4	**Az.**	326°50'55"	0.035 sec	1 : 6306980	1 : 6309830
		ΔHt.	29.358 m	0.005 m		
		ΔElev.	29.382 m	0.005 m		
		Ellip Dist.	13454.158 m	0.002 m		
3BP2	BP5	**Az.**	331°49'39"	0.029 sec	1 : 6479090	1 : 6483858
		ΔHt.	32.190 m	0.004 m		
		ΔElev.	32.176 m	0.004 m		
		Ellip Dist.	15534.638 m	0.002 m		
3BP2	BP6	**Az.**	336°24'11"	0.026 sec	1 : 7129133	1 : 7130596
		ΔHt.	32.006 m	0.005 m		
		ΔElev.	31.954 m	0.005 m		
		Ellip Dist.	16219.306 m	0.002 m		
3BP2	BP7	**Az.**	322°22'10"	0.025 sec	1 : 8281428	1 : 8283162
		ΔHt.	41.956 m	0.005 m		
		ΔElev.	41.995 m	0.005 m		
		Ellip Dist.	17338.707 m	0.002 m		
3BP2	BP8	**Az.**	321°39'47"	0.019 sec	1 : 10584193	1 : 10591327
		ΔHt.	48.428 m	0.004 m		
		ΔElev.	48.464 m	0.004 m		
		Ellip Dist.	19528.623 m	0.002 m		
3BP2	BP9	**Az.**	332°08'00"	0.025 sec	1 : 7620157	1 : 7623012
		ΔHt.	36.814 m	0.005 m		
		ΔElev.	36.787 m	0.005 m		
		Ellip Dist.	17298.834 m	0.002 m		
3BP2	PP10	**Az.**	318°41'57"	0.018 sec	1 : 11072786	1 : 11076242
		ΔHt.	57.760 m	0.005 m		

		ΔElev.	57.799 m	0.005 m		
		Ellip Dist.	22061.885 m	0.002 m		
3BP2	PP11	**Az.**	322°08'13"	0.026 sec	1 : 7482380	1 : 7500417
		ΔHt.	55.173 m	0.005 m		
		ΔElev.	55.198 m	0.005 m		
		Ellip Dist.	21981.401 m	0.003 m		
3BP2	PP12	**Az.**	325°28'10"	0.022 sec	1 : 8575683	1 : 8586637
		ΔHt.	54.503 m	0.004 m		
		ΔElev.	54.507 m	0.004 m		
		Ellip Dist.	22212.431 m	0.003 m		
3BP2	PP13	**Az.**	329°27'26"	0.026 sec	1 : 7238929	1 : 7249150
		ΔHt.	50.408 m	0.005 m		
		ΔElev.	50.381 m	0.005 m		
		Ellip Dist.	21614.964 m	0.003 m		
3BP2	PP14	**Az.**	317°44'28"	0.027 sec	1 : 7259270	1 : 7268125
		ΔHt.	50.421 m	0.005 m		
		ΔElev.	50.473 m	0.005 m		
		Ellip Dist.	19678.096 m	0.003 m		
3BP2	PP16	**Az.**	320°33'47"	0.029 sec	1 : 6890157	1 : 6893579
		ΔHt.	36.055 m	0.004 m		
		ΔElev.	36.108 m	0.004 m		
		Ellip Dist.	15124.465 m	0.002 m		
3BP2	PP17	**Az.**	325°11'05"	0.029 sec	1 : 6659992	1 : 6664522
		ΔHt.	35.785 m	0.004 m		
		ΔElev.	35.813 m	0.004 m		
		Ellip Dist.	15489.698 m	0.002 m		
3BP2	PP18	**Az.**	325°29'31"	0.032 sec	1 : 5824402	1 : 5838197
		ΔHt.	40.533 m	0.005 m		
		ΔElev.	40.552 m	0.005 m		
		Ellip Dist.	17629.378 m	0.003 m		
3BP2	PP19	**Az.**	329°18'27"	0.024 sec	1 : 7877648	1 : 7882410
		ΔHt.	40.313 m	0.005 m		
		ΔElev.	40.303 m	0.005 m		
		Ellip Dist.	18005.739 m	0.002 m		
3BP2	PP20	**Az.**	331°52'01"	0.024 sec	1 : 8055129	1 : 8060298
		ΔHt.	40.842 m	0.005 m		
		ΔElev.	40.808 m	0.005 m		

		Ellip Dist.	18868.498 m	0.002 m		
3BP2	PP21	Az.	335°05'10"	0.018 sec	1 : 10512511	1 : 10521193
		ΔHt.	40.824 m	0.004 m		
		ΔElev.	40.760 m	0.004 m		
		Ellip Dist.	19246.569 m	0.002 m		
3BP2	PP22	Az.	341°38'17"	0.026 sec	1 : 7110702	1 : 7110558
		ΔHt.	34.516 m	0.006 m		
		ΔElev.	34.419 m	0.006 m		
		Ellip Dist.	17001.942 m	0.002 m		
3BP2	PP23	Az.	343°50'10"	0.037 sec	1 : 4715508	1 : 4721171
		ΔHt.	32.652 m	0.008 m		
		ΔElev.	32.559 m	0.008 m		
		Ellip Dist.	15176.290 m	0.003 m		
3BP2	PP24	Az.	337°56'25"	0.030 sec	1 : 6236392	1 : 6241730
		ΔHt.	29.520 m	0.008 m		
		ΔElev.	29.467 m	0.008 m		
		Ellip Dist.	15076.662 m	0.002 m		
3BP2	PP25	Az.	335°45'10"	0.025 sec	1 : 8100469	1 : 8105248
		ΔHt.	27.470 m	0.004 m		
		ΔElev.	27.440 m	0.004 m		
		Ellip Dist.	13784.154 m	0.002 m		
3BP2	PP26	Az.	333°18'22"	0.038 sec	1 : 5680142	1 : 5683012
		ΔHt.	27.247 m	0.004 m		
		ΔElev.	27.237 m	0.004 m		
		Ellip Dist.	12644.154 m	0.002 m		
3BP2	PP27	Az.	320°12'59"	0.033 sec	1 : 6173148	1 : 6175862
		ΔHt.	30.521 m	0.004 m		
		ΔElev.	30.576 m	0.004 m		
		Ellip Dist.	13358.099 m	0.002 m		
3BP2	PP28	Az.	316°40'32"	0.027 sec	1 : 7849471	1 : 7852367
		ΔHt.	27.106 m	0.003 m		
		ΔElev.	27.169 m	0.003 m		
		Ellip Dist.	12177.237 m	0.002 m		
3BP2	PP29	Az.	336°49'21"	0.046 sec	1 : 4585881	1 : 4587309
		ΔHt.	27.315 m	0.005 m		
		ΔElev.	27.298 m	0.005 m		

		Ellip Dist.	9741.754 m	0.002 m		
3BP2	PP30	**Az.**	329°57'44"	0.056 sec	1 : 3899757	1 : 3902360
		ΔHt.	22.354 m	0.005 m		
		ΔElev.	22.365 m	0.005 m		
		Ellip Dist.	9821.428 m	0.003 m		
3BP2	PP31	**Az.**	333°39'57"	0.068 sec	1 : 3294137	1 : 3294534
		ΔHt.	18.464 m	0.006 m		
		ΔElev.	18.465 m	0.006 m		
		Ellip Dist.	7050.264 m	0.002 m		
3BP2	PP9	**Az.**	312°23'14"	0.018 sec	1 : 10607939	1 : 10618331
		ΔHt.	57.658 m	0.005 m		
		ΔElev.	57.709 m	0.005 m		
		Ellip Dist.	21525.105 m	0.002 m		
4BR1	4CU2	**Az.**	296°27'39"	0.000 sec	1 : 0	1 : 0
		ΔHt.	79.320 m	0.000 m		
		ΔElev.	79.271 m	0.000 m		
		Ellip Dist.	14838.045 m	0.000 m		
4BR1	4DP1	**Az.**	44°56'16"	0.000 sec	1 : 0	1 : 0
		ΔHt.	27.400 m	0.000 m		
		ΔElev.	27.114 m	0.000 m		
		Ellip Dist.	12525.352 m	0.000 m		
4BR1	4EU2	**Az.**	316°42'32"	0.000 sec	1 : 0	1 : 0
		ΔHt.	73.240 m	0.000 m		
		ΔElev.	73.166 m	0.000 m		
		Ellip Dist.	22017.259 m	0.000 m		
4BR1	BP13	**Az.**	315°19'25"	0.071 sec	1 : 2916276	1 : 2918229
		ΔHt.	16.628 m	0.005 m		
		ΔElev.	16.615 m	0.005 m		
		Ellip Dist.	5681.959 m	0.002 m		
4BR1	BP14	**Az.**	310°50'48"	0.047 sec	1 : 4456982	1 : 4458172
		ΔHt.	27.038 m	0.005 m		
		ΔElev.	27.011 m	0.005 m		
		Ellip Dist.	8723.368 m	0.002 m		
4BR1	BP15	**Az.**	328°57'10"	0.041 sec	1 : 4816592	1 : 4816935
		ΔHt.	27.275 m	0.005 m		
		ΔElev.	27.232 m	0.005 m		
		Ellip Dist.	9977.939 m	0.002 m		

4BR1	BP16	Az.	319°58'14"	0.038 sec	1 : 5358274	1 : 5361336
		ΔHt.	31.429 m	0.004 m		
		ΔElev.	31.395 m	0.004 m		
		Ellip Dist.	10537.483 m	0.002 m		
4BR1	BP24	Az.	324°18'40"	0.036 sec	1 : 5334314	1 : 5334641
		ΔHt.	35.149 m	0.006 m		
		ΔElev.	35.109 m	0.006 m		
		Ellip Dist.	11895.315 m	0.002 m		
4BR1	BP25	Az.	324°08'16"	0.051 sec	1 : 3895794	1 : 3898567
		ΔHt.	22.667 m	0.004 m		
		ΔElev.	22.637 m	0.004 m		
		Ellip Dist.	7694.585 m	0.002 m		
4BR1	BP26	Az.	353°57'19"	0.059 sec	1 : 3039024	1 : 3039021
		ΔHt.	14.528 m	0.005 m		
		ΔElev.	14.433 m	0.005 m		
		Ellip Dist.	8293.934 m	0.003 m		
4BR1	BP29	Az.	56°01'41"	0.102 sec	1 : 2010497	1 : 2010304
		ΔHt.	-4.187 m	0.004 m		
		ΔElev.	-4.270 m	0.004 m		
		Ellip Dist.	4283.637 m	0.002 m		
4BR1	BP3	Az.	93°36'45"	0.133 sec	1 : 1596692	1 : 1595638
		ΔHt.	-7.627 m	0.004 m		
		ΔElev.	-7.670 m	0.004 m		
		Ellip Dist.	3283.021 m	0.002 m		
4BR1	BP30	Az.	343°31'41"	0.168 sec	1 : 1171755	1 : 1171989
		ΔHt.	6.015 m	0.004 m		
		ΔElev.	6.000 m	0.004 m		
		Ellip Dist.	2544.387 m	0.002 m		
4BR1	BP7	Az.	348°41'52"	0.103 sec	1 : 1928450	1 : 1928678
		ΔHt.	8.876 m	0.005 m		
		ΔElev.	8.843 m	0.005 m		
		Ellip Dist.	4111.682 m	0.002 m		
4BR1	BP8	Az.	337°25'56"	0.059 sec	1 : 3238947	1 : 3240294
		ΔHt.	15.348 m	0.004 m		
		ΔElev.	15.311 m	0.004 m		
		Ellip Dist.	6082.335 m	0.002 m		

4BR1	PP10	Az.	325°09'11"	0.048 sec	1 : 4196063	1 : 4197445
		ΔHt.	24.680 m	0.005 m		
		ΔElev.	24.647 m	0.005 m		
		Ellip Dist.	8371.540 m	0.002 m		
4BR1	PP12	Az.	341°52'13"	0.054 sec	1 : 3432991	1 : 3435065
		ΔHt.	21.423 m	0.004 m		
		ΔElev.	21.355 m	0.004 m		
		Ellip Dist.	9046.534 m	0.003 m		
4BR1	PP13	Az.	352°16'49"	0.060 sec	1 : 2916826	1 : 2917371
		ΔHt.	17.328 m	0.005 m		
		ΔElev.	17.229 m	0.005 m		
		Ellip Dist.	8997.368 m	0.003 m		
4BR1	PP14	Az.	324°36'47"	0.089 sec	1 : 2179593	1 : 2182164
		ΔHt.	17.341 m	0.005 m		
		ΔElev.	17.320 m	0.005 m		
		Ellip Dist.	5963.354 m	0.003 m		
4BR1	PP15	Az.	303°07'48"	0.058 sec	1 : 3526177	1 : 3528075
		ΔHt.	18.636 m	0.004 m		
		ΔElev.	18.628 m	0.004 m		
		Ellip Dist.	5862.717 m	0.002 m		
4BR1	PP16	Az.	5°03'06"	0.217 sec	1 : 891905	1 : 891547
		ΔHt.	2.975 m	0.004 m		
		ΔElev.	2.956 m	0.004 m		
		Ellip Dist.	1990.045 m	0.002 m		
4BR1	PP17	Az.	17°15'41"	0.144 sec	1 : 1360454	1 : 1359392
		ΔHt.	2.705 m	0.004 m		
		ΔElev.	2.661 m	0.004 m		
		Ellip Dist.	3161.489 m	0.002 m		
4BR1	PP25	Az.	55°06'48"	0.069 sec	1 : 2986848	1 : 2985335
		ΔHt.	-5.610 m	0.004 m		
		ΔElev.	-5.712 m	0.004 m		
		Ellip Dist.	5023.871 m	0.002 m		
4BR1	PP27	Az.	65°20'26"	0.332 sec	1 : 644388	1 : 644010
		ΔHt.	-2.559 m	0.004 m		
		ΔElev.	-2.577 m	0.004 m		
		Ellip Dist.	1360.507 m	0.002 m		
4BR1	PP28	Az.	120°23'09"	0.203 sec	1 : 1078898	1 : 1079017

		ΔHt.	-5.974 m	0.003 m		
		ΔElev.	-5.984 m	0.003 m		
		Ellip Dist.	1658.168 m	0.002 m		
4BR1	PP31	**Az.**	116°51'43"	0.064 sec	1 : 3464187	1 : 3462206
		ΔHt.	-14.616 m	0.006 m		
		ΔElev.	-14.688 m	0.006 m		
		Ellip Dist.	7466.200 m	0.002 m		
4BR1	PP8	**Az.**	311°30'11"	0.032 sec	1 : 6203848	1 : 6211312
		ΔHt.	33.956 m	0.004 m		
		ΔElev.	33.923 m	0.004 m		
		Ellip Dist.	10508.137 m	0.002 m		
4BR1	PP9	**Az.**	308°08'51"	0.051 sec	1 : 3853121	1 : 3857759
		ΔHt.	24.578 m	0.005 m		
		ΔElev.	24.557 m	0.005 m		
		Ellip Dist.	7780.402 m	0.002 m		
4CU2	4DF1	**Az.**	84°06'13"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-51.920 m	0.000 m		
		ΔElev.	-52.157 m	0.000 m		
		Ellip Dist.	22245.286 m	0.000 m		
4CU2	4EU2	**Az.**	349°00'59"	0.000 sec	1 : 0	1 : 0
		ΔHt.	-6.080 m	0.000 m		
		ΔElev.	-6.105 m	0.000 m		
		Ellip Dist.	9587.445 m	0.000 m		
4CU2	BP1	**Az.**	115°56'06"	0.022 sec	1 : 10195301	1 : 10196637
		ΔHt.	-97.128 m	0.005 m		
		ΔElev.	-97.148 m	0.005 m		
		Ellip Dist.	21645.284 m	0.002 m		
4CU2	BP10	**Az.**	82°00'36"	0.040 sec	1 : 5817603	1 : 5813070
		ΔHt.	-66.360 m	0.005 m		
		ΔElev.	-66.427 m	0.005 m		
		Ellip Dist.	13466.407 m	0.002 m		
4CU2	BP11	**Az.**	90°49'49"	0.046 sec	1 : 5087997	1 : 5088380
		ΔHt.	-65.644 m	0.004 m		
		ΔElev.	-65.654 m	0.004 m		
		Ellip Dist.	11876.645 m	0.002 m		
4CU2	BP12	**Az.**	88°36'27"	0.056 sec	1 : 4275598	1 : 4272274
		ΔHt.	-59.069 m	0.006 m		

		ΔElev.	-59.062 m	0.006 m		
		Ellip Dist.	9921.029 m	0.002 m		
4CU2	BP13	Az.	105°23'39"	0.043 sec	1 : 5060163	1 : 5061724
		ΔHt.	-62.692 m	0.005 m		
		ΔElev.	-62.657 m	0.005 m		
		Ellip Dist.	9637.921 m	0.002 m		
4CU2	BP14	Az.	97°38'29"	0.061 sec	1 : 3452188	1 : 3450454
		ΔHt.	-52.282 m	0.005 m		
		ΔElev.	-52.261 m	0.005 m		
		Ellip Dist.	6745.849 m	0.002 m		
4CU2	BP15	Az.	76°31'57"	0.051 sec	1 : 4205091	1 : 4206861
		ΔHt.	-52.045 m	0.005 m		
		ΔElev.	-52.040 m	0.005 m		
		Ellip Dist.	8364.887 m	0.002 m		
4CU2	BP16	Az.	77°17'52"	0.062 sec	1 : 3498474	1 : 3498707
		ΔHt.	-47.891 m	0.004 m		
		ΔElev.	-47.876 m	0.004 m		
		Ellip Dist.	6667.268 m	0.002 m		
4CU2	BP17	Az.	56°38'40"	0.118 sec	1 : 1897456	1 : 1895226
		ΔHt.	-39.947 m	0.005 m		
		ΔElev.	-39.933 m	0.005 m		
		Ellip Dist.	4679.807 m	0.002 m		
4CU2	BP18	Az.	29°41'31"	0.136 sec	1 : 1723092	1 : 1717301
		ΔHt.	-34.483 m	0.005 m		
		ΔElev.	-34.472 m	0.005 m		
		Ellip Dist.	4376.327 m	0.003 m		
4CU2	BP19	Az.	357°12'08"	0.094 sec	1 : 2160005	1 : 2162014
		ΔHt.	-23.560 m	0.005 m		
		ΔElev.	-23.557 m	0.005 m		
		Ellip Dist.	5818.327 m	0.003 m		
4CU2	BP2	Az.	112°50'31"	0.023 sec	1 : 9469746	1 : 9472843
		ΔHt.	-93.143 m	0.004 m		
		ΔElev.	-93.171 m	0.004 m		
		Ellip Dist.	20617.502 m	0.002 m		
4CU2	BP20	Az.	12°16'21"	0.108 sec	1 : 1899070	1 : 1897328
		ΔHt.	-28.757 m	0.004 m		

		ΔElev.	-28.748 m	0.004 m		
		Ellip Dist.	4019.291 m	0.002 m		
4CU2	BP21	**Az.**	17°47'06"	0.104 sec	1 : 1891509	1 : 1893915
		ΔHt.	-28.991 m	0.005 m		
		ΔElev.	-28.986 m	0.005 m		
		Ellip Dist.	5506.585 m	0.003 m		
4CU2	BP22	**Az.**	354°50'47"	0.120 sec	1 : 1702966	1 : 1705010
		ΔHt.	-24.985 m	0.005 m		
		ΔElev.	-24.979 m	0.005 m		
		Ellip Dist.	4561.627 m	0.003 m		
4CU2	BP23	**Az.**	76°17'15"	0.118 sec	1 : 1924965	1 : 1928218
		ΔHt.	-43.413 m	0.005 m		
		ΔElev.	-43.398 m	0.005 m		
		Ellip Dist.	5049.640 m	0.003 m		
4CU2	BP24	**Az.**	64°14'48"	0.065 sec	1 : 3391100	1 : 3391566
		ΔHt.	-44.171 m	0.006 m		
		ΔElev.	-44.163 m	0.006 m		
		Ellip Dist.	7039.033 m	0.002 m		
4CU2	BP25	**Az.**	92°22'22"	0.047 sec	1 : 4656892	1 : 4659962
		ΔHt.	-56.653 m	0.004 m		
		ΔElev.	-56.634 m	0.004 m		
		Ellip Dist.	8783.850 m	0.002 m		
4CU2	BP26	**Az.**	82°24'37"	0.045 sec	1 : 5264778	1 : 5270811
		ΔHt.	-64.792 m	0.005 m		
		ΔElev.	-64.838 m	0.005 m		
		Ellip Dist.	12517.615 m	0.002 m		
4CU2	BP27	**Az.**	87°16'21"	0.039 sec	1 : 6183855	1 : 6183839
		ΔHt.	-68.227 m	0.005 m		
		ΔElev.	-68.274 m	0.005 m		
		Ellip Dist.	13341.743 m	0.002 m		
4CU2	BP28	**Az.**	88°35'37"	0.032 sec	1 : 7054139	1 : 7066460
		ΔHt.	-74.968 m	0.004 m		
		ΔElev.	-75.057 m	0.004 m		
		Ellip Dist.	15713.519 m	0.002 m		
4CU2	BP29	**Az.**	103°59'10"	0.025 sec	1 : 8275043	1 : 8278753
		ΔHt.	-83.507 m	0.004 m		
		ΔElev.	-83.541 m	0.004 m		

		Ellip Dist.	17356.396 m	0.002 m		
4CU2	BP3	Az.	112°18'01"	0.025 sec	1 : 8932679	1 : 8930203
		ΔHt.	-86.947 m	0.004 m		
		ΔElev.	-86.942 m	0.004 m		
		Ellip Dist.	17908.896 m	0.002 m		
4CU2	BP30	Az.	108°17'29"	0.034 sec	1 : 6403895	1 : 6403267
		ΔHt.	-73.305 m	0.004 m		
		ΔElev.	-73.271 m	0.004 m		
		Ellip Dist.	13236.706 m	0.002 m		
4CU2	BP4	Az.	107°43'18"	0.028 sec	1 : 7752115	1 : 7752215
		ΔHt.	-83.042 m	0.005 m		
		ΔElev.	-83.042 m	0.005 m		
		Ellip Dist.	16499.150 m	0.002 m		
4CU2	BP5	Az.	99°21'20"	0.030 sec	1 : 7138076	1 : 7155229
		ΔHt.	-80.210 m	0.004 m		
		ΔElev.	-80.248 m	0.004 m		
		Ellip Dist.	15945.641 m	0.002 m		
4CU2	BP6	Az.	94°54'06"	0.028 sec	1 : 7840039	1 : 7852968
		ΔHt.	-80.394 m	0.005 m		
		ΔElev.	-80.469 m	0.005 m		
		Ellip Dist.	16633.311 m	0.002 m		
4CU2	BP7	Az.	101°36'07"	0.035 sec	1 : 6244767	1 : 6241105
		ΔHt.	-70.444 m	0.005 m		
		ΔElev.	-70.429 m	0.005 m		
		Ellip Dist.	12741.651 m	0.002 m		
4CU2	BP8	Az.	95°06'49"	0.035 sec	1 : 6351998	1 : 6351055
		ΔHt.	-63.972 m	0.004 m		
		ΔElev.	-63.960 m	0.004 m		
		Ellip Dist.	10994.478 m	0.002 m		
4CU2	BP9	Az.	93°48'07"	0.031 sec	1 : 7090497	1 : 7101690
		ΔHt.	-75.586 m	0.005 m		
		ΔElev.	-75.637 m	0.005 m		
		Ellip Dist.	15011.321 m	0.002 m		
4CU2	PP1	Az.	339°07'33"	0.118 sec	1 : 1791411	1 : 1794192
		ΔHt.	-19.030 m	0.005 m		
		ΔElev.	-19.025 m	0.005 m		

		Ellip Dist.	5235.163 m	0.003 m		
4CU2	PP10	**Az.**	88°10'39"	0.048 sec	1 : 4336772	1 : 4337158
		ΔHt.	-54.640 m	0.005 m		
		ΔElev.	-54.625 m	0.005 m		
		Ellip Dist.	8504.158 m	0.002 m		
4CU2	PP11	**Az.**	83°43'14"	0.066 sec	1 : 3759311	1 : 3755488
		ΔHt.	-57.227 m	0.005 m		
		ΔElev.	-57.226 m	0.005 m		
		Ellip Dist.	9625.208 m	0.003 m		
4CU2	PP12	**Az.**	79°10'49"	0.051 sec	1 : 4554840	1 : 4559826
		ΔHt.	-57.897 m	0.004 m		
		ΔElev.	-57.917 m	0.004 m		
		Ellip Dist.	10655.266 m	0.002 m		
4CU2	PP13	**Az.**	79°07'03"	0.052 sec	1 : 4674835	1 : 4678469
		ΔHt.	-61.992 m	0.005 m		
		ΔElev.	-62.042 m	0.005 m		
		Ellip Dist.	12292.908 m	0.003 m		
4CU2	PP14	**Az.**	100°00'54"	0.057 sec	1 : 3918148	1 : 3924205
		ΔHt.	-61.979 m	0.005 m		
		ΔElev.	-61.951 m	0.005 m		
		Ellip Dist.	9984.796 m	0.003 m		
4CU2	PP15	**Az.**	112°03'46"	0.038 sec	1 : 5474306	1 : 5478358
		ΔHt.	-60.684 m	0.004 m		
		ΔElev.	-60.643 m	0.004 m		
		Ellip Dist.	9040.676 m	0.002 m		
4CU2	PP16	**Az.**	108°54'08"	0.032 sec	1 : 6730412	1 : 6733408
		ΔHt.	-76.345 m	0.004 m		
		ΔElev.	-76.316 m	0.004 m		
		Ellip Dist.	14232.737 m	0.002 m		
4CU2	PP17	**Az.**	104°05'53"	0.033 sec	1 : 6662818	1 : 6669971
		ΔHt.	-76.615 m	0.004 m		
		ΔElev.	-76.611 m	0.004 m		
		Ellip Dist.	14668.457 m	0.002 m		
4CU2	PP18	**Az.**	97°41'13"	0.049 sec	1 : 5046400	1 : 5052322
		ΔHt.	-71.867 m	0.005 m		
		ΔElev.	-71.872 m	0.005 m		
		Ellip Dist.	13197.056 m	0.003 m		

4CU2	PP19	Az.	93°19'50"	0.034 sec	1 : 6586506	1 : 6596090
		ΔHt.	-72.087 m	0.005 m		
		ΔElev.	-72.120 m	0.005 m		
		Ellip Dist.	13896.391 m	0.002 m		
4CU2	PP2	Az.	341°31'26"	0.090 sec	1 : 2306887	1 : 2308722
		ΔHt.	-20.064 m	0.005 m		
		ΔElev.	-20.062 m	0.005 m		
		Ellip Dist.	6288.955 m	0.003 m		
4CU2	PP20	Az.	88°35'16"	0.034 sec	1 : 6580889	1 : 6588620
		ΔHt.	-71.558 m	0.005 m		
		ΔElev.	-71.616 m	0.005 m		
		Ellip Dist.	14168.247 m	0.002 m		
4CU2	PP21	Az.	85°32'09"	0.025 sec	1 : 8960244	1 : 8961763
		ΔHt.	-71.576 m	0.004 m		
		ΔElev.	-71.664 m	0.004 m		
		Ellip Dist.	14996.625 m	0.002 m		
4CU2	PP22	Az.	90°28'13"	0.027 sec	1 : 8057941	1 : 8071141
		ΔHt.	-77.884 m	0.006 m		
		ΔElev.	-78.005 m	0.006 m		
		Ellip Dist.	17706.725 m	0.002 m		
4CU2	PP23	Az.	95°09'49"	0.035 sec	1 : 6942666	1 : 6951436
		ΔHt.	-79.748 m	0.008 m		
		ΔElev.	-79.865 m	0.008 m		
		Ellip Dist.	18917.629 m	0.003 m		
4CU2	PP24	Az.	97°33'30"	0.028 sec	1 : 7866316	1 : 7893654
		ΔHt.	-82.880 m	0.008 m		
		ΔElev.	-82.957 m	0.008 m		
		Ellip Dist.	17557.355 m	0.002 m		
4CU2	PP25	Az.	102°02'35"	0.020 sec	1 : 10973626	1 : 10984940
		ΔHt.	-84.930 m	0.004 m		
		ΔElev.	-84.983 m	0.004 m		
		Ellip Dist.	17801.523 m	0.002 m		
4CU2	PP26	Az.	105°59'42"	0.027 sec	1 : 8238318	1 : 8239236
		ΔHt.	-85.153 m	0.004 m		
		ΔElev.	-85.187 m	0.004 m		
		Ellip Dist.	18094.037 m	0.002 m		

4CU2	PP27	Az.	112°31'15"	0.029 sec	1 : 7465932	1 : 7467461
		ΔHt.	-81.879 m	0.004 m		
		ΔElev.	-81.848 m	0.004 m		
		Ellip Dist.	15727.718 m	0.002 m		
4CU2	PP28	Az.	116°46'35"	0.020 sec	1 : 10744423	1 : 10744827
		ΔHt.	-85.294 m	0.003 m		
		ΔElev.	-85.255 m	0.003 m		
		Ellip Dist.	16492.714 m	0.002 m		
4CU2	PP29	Az.	110°49'53"	0.022 sec	1 : 9855850	1 : 9856960
		ΔHt.	-85.085 m	0.005 m		
		ΔElev.	-85.126 m	0.005 m		
		Ellip Dist.	20590.989 m	0.002 m		
4CU2	PP3	Az.	343°53'18"	0.065 sec	1 : 3153423	1 : 3152002
		ΔHt.	-16.298 m	0.005 m		
		ΔElev.	-16.299 m	0.005 m		
		Ellip Dist.	7252.033 m	0.002 m		
4CU2	PP30	Az.	113°10'54"	0.029 sec	1 : 8183580	1 : 8186389
		ΔHt.	-90.046 m	0.005 m		
		ΔElev.	-90.059 m	0.005 m		
		Ellip Dist.	19759.271 m	0.002 m		
4CU2	PP31	Az.	116°30'59"	0.021 sec	1 : 10351317	1 : 10347146
		ΔHt.	-93.936 m	0.006 m		
		ΔElev.	-93.959 m	0.006 m		
		Ellip Dist.	22304.122 m	0.002 m		
4CU2	PP4	Az.	2°26'33"	0.104 sec	1 : 1956522	1 : 1958465
		ΔHt.	-27.367 m	0.005 m		
		ΔElev.	-27.361 m	0.005 m		
		Ellip Dist.	5205.241 m	0.003 m		
4CU2	PP5	Az.	44°03'23"	0.106 sec	1 : 2172717	1 : 2167186
		ΔHt.	-34.663 m	0.005 m		
		ΔElev.	-34.651 m	0.005 m		
		Ellip Dist.	5715.673 m	0.003 m		
4CU2	PP6	Az.	40°13'30"	0.140 sec	1 : 1580868	1 : 1576501
		ΔHt.	-34.561 m	0.005 m		
		ΔElev.	-34.550 m	0.005 m		
		Ellip Dist.	3985.350 m	0.003 m		
4CU2	PP7	Az.	61°35'57"	0.097 sec	1 : 2335900	1 : 2334297

		ΔHt.	-41.857 m	0.005 m		
		ΔElev.	-41.843 m	0.005 m		
		Ellip Dist.	5893.274 m	0.003 m		
4CU2	PP8	Az.	86°12'15"	0.064 sec	1 : 3327285	1 : 3331696
		ΔHt.	-45.364 m	0.004 m		
		ΔElev.	-45.348 m	0.004 m		
		Ellip Dist.	5425.254 m	0.002 m		
4CU2	PP9	Az.	104°04'00"	0.055 sec	1 : 3788335	1 : 3795114
		ΔHt.	-54.742 m	0.005 m		
		ΔElev.	-54.714 m	0.005 m		
		Ellip Dist.	7388.958 m	0.002 m		
4DP1	4EU2	Az.	286°41'59"	0.000 sec	1 : 0	1 : 0
		ΔHt.	45.840 m	0.000 m		
		ΔElev.	46.052 m	0.000 m		
		Ellip Dist.	24991.884 m	0.000 m		
4DP1	BP1	Az.	192°53'43"	0.037 sec	1 : 5257492	1 : 5255279
		ΔHt.	-45.208 m	0.005 m		
		ΔElev.	-44.990 m	0.005 m		
		Ellip Dist.	12049.570 m	0.002 m		
4DP1	BP10	Az.	267°26'21"	0.061 sec	1 : 3802396	1 : 3803602
		ΔHt.	-14.440 m	0.005 m		
		ΔElev.	-14.270 m	0.005 m		
		Ellip Dist.	8801.628 m	0.002 m		
4DP1	BP11	Az.	256°39'09"	0.052 sec	1 : 4510554	1 : 4509090
		ΔHt.	-13.724 m	0.004 m		
		ΔElev.	-13.497 m	0.004 m		
		Ellip Dist.	10542.582 m	0.002 m		
4DP1	BP12	Az.	260°37'37"	0.045 sec	1 : 5347413	1 : 5347404
		ΔHt.	-7.149 m	0.006 m		
		ΔElev.	-6.905 m	0.006 m		
		Ellip Dist.	12379.433 m	0.002 m		
4DP1	BP13	Az.	249°27'23"	0.030 sec	1 : 7167108	1 : 7163995
		ΔHt.	-10.772 m	0.005 m		
		ΔElev.	-10.499 m	0.005 m		
		Ellip Dist.	13718.973 m	0.002 m		
4DP1	BP14	Az.	258°29'12"	0.026 sec	1 : 8027624	1 : 8025827
		ΔHt.	-0.362 m	0.005 m		

		ΔElev.	-0.103 m	0.005 m		
		Ellip Dist.	15766.143 m	0.002 m		
4DP1	BP15	**Az.**	268°45'04"	0.030 sec	1 : 6993371	1 : 6996190
		ΔHt.	-0.125 m	0.005 m		
		ΔElev.	0.117 m	0.005 m		
		Ellip Dist.	13996.780 m	0.002 m		
4DP1	BP16	**Az.**	267°07'48"	0.026 sec	1 : 8211681	1 : 8212394
		ΔHt.	4.029 m	0.004 m		
		ΔElev.	4.281 m	0.004 m		
		Ellip Dist.	15644.966 m	0.002 m		
4DP1	BP2	**Az.**	197°02'11"	0.042 sec	1 : 4642020	1 : 4639279
		ΔHt.	-41.223 m	0.004 m		
		ΔElev.	-41.013 m	0.004 m		
		Ellip Dist.	10753.412 m	0.002 m		
4DP1	BP24	**Az.**	272°56'07"	0.028 sec	1 : 7373629	1 : 7380043
		ΔHt.	7.749 m	0.006 m		
		ΔElev.	7.994 m	0.006 m		
		Ellip Dist.	15806.651 m	0.002 m		
4DP1	BP25	**Az.**	258°54'35"	0.030 sec	1 : 7233021	1 : 7232293
		ΔHt.	-4.733 m	0.004 m		
		ΔElev.	-4.477 m	0.004 m		
		Ellip Dist.	13611.506 m	0.002 m		
4DP1	BP26	**Az.**	266°24'41"	0.058 sec	1 : 4101195	1 : 4099459
		ΔHt.	-12.872 m	0.005 m		
		ΔElev.	-12.681 m	0.005 m		
		Ellip Dist.	9740.162 m	0.002 m		
4DP1	BP27	**Az.**	259°30'38"	0.058 sec	1 : 4157208	1 : 4157184
		ΔHt.	-16.307 m	0.005 m		
		ΔElev.	-16.117 m	0.005 m		
		Ellip Dist.	8954.370 m	0.002 m		
4DP1	BP28	**Az.**	253°38'45"	0.075 sec	1 : 3029319	1 : 3027438
		ΔHt.	-23.048 m	0.004 m		
		ΔElev.	-22.900 m	0.004 m		
		Ellip Dist.	6693.995 m	0.002 m		
4DP1	BP29	**Az.**	219°20'07"	0.052 sec	1 : 3905901	1 : 3902937
		ΔHt.	-31.587 m	0.004 m		

		ΔElev.	-31.384 m	0.004 m		
		Ellip Dist.	8362.406 m	0.002 m		
4DP1	BP3	**Az.**	211°36'03"	0.039 sec	1 : 4889004	1 : 4885859
		ΔHt.	-35.027 m	0.004 m		
		ΔElev.	-34.784 m	0.004 m		
		Ellip Dist.	10646.866 m	0.002 m		
4DP1	BP30	**Az.**	236°09'59"	0.038 sec	1 : 5499791	1 : 5496554
		ΔHt.	-21.385 m	0.004 m		
		ΔElev.	-21.114 m	0.004 m		
		Ellip Dist.	11526.341 m	0.002 m		
4DP1	BP4	**Az.**	221°23'40"	0.045 sec	1 : 4282539	1 : 4278848
		ΔHt.	-31.122 m	0.005 m		
		ΔElev.	-30.884 m	0.005 m		
		Ellip Dist.	9721.338 m	0.002 m		
4DP1	BP5	**Az.**	232°47'43"	0.061 sec	1 : 3653226	1 : 3649510
		ΔHt.	-28.290 m	0.004 m		
		ΔElev.	-28.091 m	0.004 m		
		Ellip Dist.	8041.906 m	0.002 m		
4DP1	BP6	**Az.**	236°25'10"	0.070 sec	1 : 3216110	1 : 3214281
		ΔHt.	-28.474 m	0.005 m		
		ΔElev.	-28.312 m	0.005 m		
		Ellip Dist.	6678.118 m	0.002 m		
4DP1	BP7	**Az.**	243°26'58"	0.040 sec	1 : 5215127	1 : 5212891
		ΔHt.	-18.524 m	0.005 m		
		ΔElev.	-18.272 m	0.005 m		
		Ellip Dist.	10795.889 m	0.002 m		
4DP1	BP8	**Az.**	253°50'47"	0.033 sec	1 : 6729617	1 : 6727337
		ΔHt.	-12.052 m	0.004 m		
		ΔElev.	-11.803 m	0.004 m		
		Ellip Dist.	11644.056 m	0.002 m		
4DP1	BP9	**Az.**	245°28'57"	0.060 sec	1 : 3794946	1 : 3794041
		ΔHt.	-23.666 m	0.005 m		
		ΔElev.	-23.480 m	0.005 m		
		Ellip Dist.	7866.056 m	0.002 m		
4DP1	PP10	**Az.**	261°43'17"	0.030 sec	1 : 7031035	1 : 7031232
		ΔHt.	-2.720 m	0.005 m		
		ΔElev.	-2.467 m	0.005 m		

		Ellip Dist.	13775.872 m	0.002 m		
4DP1	PP11	Az.	264°31'38"	0.050 sec	1 : 4931103	1 : 4930599
		ΔHt.	-5.307 m	0.005 m		
		ΔElev.	-5.069 m	0.005 m		
		Ellip Dist.	12620.458 m	0.003 m		
4DP1	PP12	Az.	268°43'52"	0.047 sec	1 : 4975270	1 : 4976663
		ΔHt.	-5.977 m	0.004 m		
		ΔElev.	-5.759 m	0.004 m		
		Ellip Dist.	11665.233 m	0.002 m		
4DP1	PP13	Az.	270°20'03"	0.063 sec	1 : 3843564	1 : 3842847
		ΔHt.	-10.072 m	0.005 m		
		ΔElev.	-9.885 m	0.005 m		
		Ellip Dist.	10055.816 m	0.003 m		
4DP1	PP14	Az.	252°01'07"	0.044 sec	1 : 5132831	1 : 5130741
		ΔHt.	-10.059 m	0.005 m		
		ΔElev.	-9.794 m	0.005 m		
		Ellip Dist.	12935.966 m	0.003 m		
4DP1	PP15	Az.	247°40'51"	0.023 sec	1 : 9115414	1 : 9114214
		ΔHt.	-8.764 m	0.004 m		
		ΔElev.	-8.486 m	0.004 m		
		Ellip Dist.	14876.434 m	0.002 m		
4DP1	PP16	Az.	231°36'31"	0.041 sec	1 : 5202326	1 : 5198288
		ΔHt.	-24.425 m	0.004 m		
		ΔElev.	-24.158 m	0.004 m		
		Ellip Dist.	11072.131 m	0.002 m		
4DP1	PP17	Az.	233°34'34"	0.049 sec	1 : 4445677	1 : 4441381
		ΔHt.	-24.695 m	0.004 m		
		ΔElev.	-24.453 m	0.004 m		
		Ellip Dist.	9835.808 m	0.002 m		
4DP1	PP18	Az.	246°01'03"	0.065 sec	1 : 3724436	1 : 3720050
		ΔHt.	-19.947 m	0.005 m		
		ΔElev.	-19.715 m	0.005 m		
		Ellip Dist.	9914.300 m	0.003 m		
4DP1	PP19	Az.	249°35'36"	0.054 sec	1 : 4244612	1 : 4243632
		ΔHt.	-20.167 m	0.005 m		
		ΔElev.	-19.963 m	0.005 m		

		Ellip Dist.	8814.961 m	0.002 m		
4DP1	PP20	**Az.**	256°28'02"	0.059 sec	1 : 3830448	1 : 3829778
		ΔHt.	-19.638 m	0.005 m		
		ΔElev.	-19.459 m	0.005 m		
		Ellip Dist.	8195.612 m	0.002 m		
4DP1	PP21	**Az.**	261°16'37"	0.052 sec	1 : 4342626	1 : 4342463
		ΔHt.	-19.656 m	0.004 m		
		ΔElev.	-19.506 m	0.004 m		
		Ellip Dist.	7263.023 m	0.002 m		
4DP1	PP22	**Az.**	241°19'58"	0.098 sec	1 : 2343215	1 : 2341803
		ΔHt.	-25.964 m	0.006 m		
		ΔElev.	-25.847 m	0.006 m		
		Ellip Dist.	5045.498 m	0.002 m		
4DP1	PP23	**Az.**	219°37'35"	0.118 sec	1 : 1711333	1 : 1708765
		ΔHt.	-27.828 m	0.008 m		
		ΔElev.	-27.708 m	0.008 m		
		Ellip Dist.	5167.723 m	0.003 m		
4DP1	PP24	**Az.**	225°55'09"	0.074 sec	1 : 2970794	1 : 2966254
		ΔHt.	-30.960 m	0.008 m		
		ΔElev.	-30.799 m	0.008 m		
		Ellip Dist.	6589.056 m	0.002 m		
4DP1	PP25	**Az.**	218°18'44"	0.045 sec	1 : 4456085	1 : 4448298
		ΔHt.	-33.010 m	0.004 m		
		ΔElev.	-32.826 m	0.004 m		
		Ellip Dist.	7632.283 m	0.002 m		
4DP1	PP26	**Az.**	213°11'55"	0.052 sec	1 : 3673914	1 : 3669499
		ΔHt.	-33.233 m	0.004 m		
		ΔElev.	-33.030 m	0.004 m		
		Ellip Dist.	8676.413 m	0.002 m		
4DP1	PP27	**Az.**	222°34'34"	0.039 sec	1 : 5221003	1 : 5217405
		ΔHt.	-29.959 m	0.004 m		
		ΔElev.	-29.691 m	0.004 m		
		Ellip Dist.	11260.190 m	0.002 m		
4DP1	PP28	**Az.**	217°26'23"	0.026 sec	1 : 7514312	1 : 7509529
		ΔHt.	-33.374 m	0.003 m		
		ΔElev.	-33.098 m	0.003 m		
		Ellip Dist.	12214.631 m	0.002 m		

4DP1	PP29	Az.	196°49'56"	0.043 sec	1 : 4518273	1 : 4515760
		ΔHt.	-33.165 m	0.005 m		
		ΔElev.	-32.969 m	0.005 m		
		Ellip Dist.	10030.841 m	0.002 m		
4DP1	PP30	Az.	201°37'45"	0.046 sec	1 : 3934647	1 : 3927669
		ΔHt.	-38.126 m	0.005 m		
		ΔElev.	-37.902 m	0.005 m		
		Ellip Dist.	10815.889 m	0.003 m		
4DP1	PP31	Az.	190°10'51"	0.037 sec	1 : 5525261	1 : 5524388
		ΔHt.	-42.016 m	0.006 m		
		ΔElev.	-41.802 m	0.006 m		
		Ellip Dist.	12433.700 m	0.002 m		
4DP1	PP8	Az.	263°33'28"	0.021 sec	1 : 10340424	1 : 10345003
		ΔHt.	6.556 m	0.004 m		
		ΔElev.	6.809 m	0.004 m		
		Ellip Dist.	16824.853 m	0.002 m		
4DP1	PP9	Az.	254°52'21"	0.027 sec	1 : 8246760	1 : 8250144
		ΔHt.	-2.822 m	0.005 m		
		ΔElev.	-2.557 m	0.005 m		
		Ellip Dist.	15506.885 m	0.002 m		
4EU2	BP1	Az.	131°33'02"	0.017 sec	1 : 13416438	1 : 13421677
		ΔHt.	-91.048 m	0.005 m		
		ΔElev.	-91.043 m	0.005 m		
		Ellip Dist.	28456.043 m	0.002 m		
4EU2	BP10	Az.	116°25'46"	0.031 sec	1 : 7049704	1 : 7060664
		ΔHt.	-60.280 m	0.005 m		
		ΔElev.	-60.322 m	0.005 m		
		Ellip Dist.	16933.633 m	0.002 m		
4EU2	BP11	Az.	124°57'36"	0.031 sec	1 : 6766718	1 : 6782234
		ΔHt.	-59.564 m	0.004 m		
		ΔElev.	-59.549 m	0.004 m		
		Ellip Dist.	16721.182 m	0.002 m		
4EU2	BP12	Az.	127°58'23"	0.035 sec	1 : 5924259	1 : 5936295
		ΔHt.	-52.989 m	0.006 m		
		ΔElev.	-52.957 m	0.006 m		
		Ellip Dist.	14901.073 m	0.003 m		

4EU2	BP13	Az.	137°06'04"	0.025 sec	1 : 8377033	1 : 8383574
		ΔHt.	-56.612 m	0.005 m		
		ΔElev.	-56.552 m	0.005 m		
		Ellip Dist.	16337.538 m	0.002 m		
4EU2	BP14	Az.	140°26'26"	0.031 sec	1 : 6816832	1 : 6819912
		ΔHt.	-46.202 m	0.005 m		
		ΔElev.	-46.156 m	0.005 m		
		Ellip Dist.	13369.236 m	0.002 m		
4EU2	BP15	Az.	126°49'54"	0.033 sec	1 : 6056549	1 : 6059708
		ΔHt.	-45.965 m	0.005 m		
		ΔElev.	-45.935 m	0.005 m		
		Ellip Dist.	12447.456 m	0.002 m		
4EU2	BP16	Az.	133°38'03"	0.035 sec	1 : 5884447	1 : 5888727
		ΔHt.	-41.811 m	0.004 m		
		ΔElev.	-41.771 m	0.004 m		
		Ellip Dist.	11512.466 m	0.002 m		
4EU2	BP17	Az.	140°00'10"	0.057 sec	1 : 3336555	1 : 3341230
		ΔHt.	-33.867 m	0.005 m		
		ΔElev.	-33.828 m	0.005 m		
		Ellip Dist.	8925.518 m	0.003 m		
4EU2	BP18	Az.	144°32'17"	0.075 sec	1 : 2371229	1 : 2374068
		ΔHt.	-28.403 m	0.005 m		
		ΔElev.	-28.367 m	0.005 m		
		Ellip Dist.	6886.835 m	0.003 m		
4EU2	BP19	Az.	156°47'44"	0.142 sec	1 : 1478003	1 : 1478652
		ΔHt.	-17.480 m	0.005 m		
		ΔElev.	-17.452 m	0.005 m		
		Ellip Dist.	3917.007 m	0.003 m		
4EU2	BP2	Az.	129°53'26"	0.018 sec	1 : 12517270	1 : 12522165
		ΔHt.	-87.063 m	0.004 m		
		ΔElev.	-87.066 m	0.004 m		
		Ellip Dist.	27149.056 m	0.002 m		
4EU2	BP20	Az.	153°56'16"	0.070 sec	1 : 2871622	1 : 2873390
		ΔHt.	-22.677 m	0.004 m		
		ΔElev.	-22.643 m	0.004 m		
		Ellip Dist.	6104.609 m	0.002 m		
4EU2	BP21	Az.	139°54'04"	0.110 sec	1 : 1970398	1 : 1971531

		ΔHt.	-22.911 m	0.005 m		
		ΔElev.	-22.881 m	0.005 m		
		Ellip Dist.	5448.480 m	0.003 m		
4EU2	BP22	Az.	163°45'46"	0.110 sec	1 : 1915262	1 : 1916435
		ΔHt.	-18.905 m	0.005 m		
		ΔElev.	-18.874 m	0.005 m		
		Ellip Dist.	5070.626 m	0.003 m		
4EU2	BP23	Az.	140°39'11"	0.050 sec	1 : 3638913	1 : 3646641
		ΔHt.	-37.333 m	0.005 m		
		ΔElev.	-37.294 m	0.005 m		
		Ellip Dist.	10621.115 m	0.003 m		
4EU2	BP24	Az.	127°52'16"	0.041 sec	1 : 4655090	1 : 4657857
		ΔHt.	-38.091 m	0.006 m		
		ΔElev.	-38.058 m	0.006 m		
		Ellip Dist.	10346.862 m	0.002 m		
4EU2	BP25	Az.	132°39'49"	0.028 sec	1 : 7385164	1 : 7392531
		ΔHt.	-50.573 m	0.004 m		
		ΔElev.	-50.529 m	0.004 m		
		Ellip Dist.	14421.611 m	0.002 m		
4EU2	BP26	Az.	118°34'54"	0.034 sec	1 : 6542557	1 : 6558066
		ΔHt.	-58.712 m	0.005 m		
		ΔElev.	-58.734 m	0.005 m		
		Ellip Dist.	16211.699 m	0.002 m		
4EU2	BP27	Az.	120°04'08"	0.028 sec	1 : 7630361	1 : 7646505
		ΔHt.	-62.147 m	0.005 m		
		ΔElev.	-62.169 m	0.005 m		
		Ellip Dist.	17511.635 m	0.002 m		
4EU2	BP28	Az.	117°13'33"	0.024 sec	1 : 8500254	1 : 8518315
		ΔHt.	-68.888 m	0.004 m		
		ΔElev.	-68.952 m	0.004 m		
		Ellip Dist.	19722.162 m	0.002 m		
4EU2	BP29	Az.	126°04'32"	0.019 sec	1 : 11004424	1 : 11008409
		ΔHt.	-77.427 m	0.004 m		
		ΔElev.	-77.436 m	0.004 m		
		Ellip Dist.	23100.945 m	0.002 m		
4EU2	BP3	Az.	131°22'12"	0.018 sec	1 : 12332267	1 : 12333497
		ΔHt.	-80.867 m	0.004 m		

		ΔElev.	-80.837 m	0.004 m		
		Ellip Dist.	24517.357 m	0.002 m		
4EU2	BP30	Az.	133°17'32"	0.022 sec	1 : 9358778	1 : 9363282
		ΔHt.	-67.225 m	0.004 m		
		ΔElev.	-67.166 m	0.004 m		
		Ellip Dist.	19779.896 m	0.002 m		
4EU2	BP4	Az.	129°26'10"	0.021 sec	1 : 10760314	1 : 10763073
		ΔHt.	-76.962 m	0.005 m		
		ΔElev.	-76.937 m	0.005 m		
		Ellip Dist.	22717.694 m	0.002 m		
4EU2	BP5	Az.	124°20'42"	0.022 sec	1 : 9145542	1 : 9165039
		ΔHt.	-74.130 m	0.004 m		
		ΔElev.	-74.143 m	0.004 m		
		Ellip Dist.	21270.990 m	0.002 m		
4EU2	BP6	Az.	120°28'40"	0.021 sec	1 : 9671174	1 : 9686973
		ΔHt.	-74.314 m	0.005 m		
		ΔElev.	-74.364 m	0.005 m		
		Ellip Dist.	21351.430 m	0.002 m		
4EU2	BP7	Az.	129°54'54"	0.023 sec	1 : 9013545	1 : 9015045
		ΔHt.	-64.364 m	0.005 m		
		ΔElev.	-64.324 m	0.005 m		
		Ellip Dist.	18657.507 m	0.002 m		
4EU2	BP8	Az.	129°06'37"	0.023 sec	1 : 9107170	1 : 9115688
		ΔHt.	-57.892 m	0.004 m		
		ΔElev.	-57.855 m	0.004 m		
		Ellip Dist.	16469.683 m	0.002 m		
4EU2	BP9	Az.	121°45'31"	0.022 sec	1 : 8952812	1 : 8966953
		ΔHt.	-69.506 m	0.005 m		
		ΔElev.	-69.532 m	0.005 m		
		Ellip Dist.	19766.521 m	0.002 m		
4EU2	PP1	Az.	180°28'48"	0.132 sec	1 : 1504720	1 : 1505029
		ΔHt.	-12.950 m	0.005 m		
		ΔElev.	-12.920 m	0.005 m		
		Ellip Dist.	4520.437 m	0.003 m		
4EU2	PP10	Az.	131°30'20"	0.030 sec	1 : 6946266	1 : 6949357
		ΔHt.	-48.560 m	0.005 m		

		ΔElev.	-48.520 m	0.005 m		
		Ellip Dist.	13791.364 m	0.002 m		
4EU2	PP11	**Az.**	126°15'14"	0.042 sec	1 : 5057621	1 : 5074268
		ΔHt.	-51.147 m	0.005 m		
		ΔElev.	-51.121 m	0.005 m		
		Ellip Dist.	14131.502 m	0.003 m		
4EU2	PP12	**Az.**	121°04'35"	0.036 sec	1 : 5813308	1 : 5827190
		ΔHt.	-51.817 m	0.004 m		
		ΔElev.	-51.812 m	0.004 m		
		Ellip Dist.	14354.018 m	0.002 m		
4EU2	PP13	**Az.**	117°01'11"	0.039 sec	1 : 5713815	1 : 5729203
		ΔHt.	-55.912 m	0.005 m		
		ΔElev.	-55.937 m	0.005 m		
		Ellip Dist.	15602.902 m	0.003 m		
4EU2	PP14	**Az.**	133°42'19"	0.033 sec	1 : 5994184	1 : 6004139
		ΔHt.	-55.899 m	0.005 m		
		ΔElev.	-55.846 m	0.005 m		
		Ellip Dist.	16131.415 m	0.003 m		
4EU2	PP15	**Az.**	141°26'27"	0.021 sec	1 : 9766253	1 : 9770798
		ΔHt.	-54.604 m	0.004 m		
		ΔElev.	-54.538 m	0.004 m		
		Ellip Dist.	16376.372 m	0.002 m		
4EU2	PP16	**Az.**	132°30'35"	0.021 sec	1 : 9548661	1 : 9555428
		ΔHt.	-70.265 m	0.004 m		
		ΔElev.	-70.211 m	0.004 m		
		Ellip Dist.	20747.873 m	0.002 m		
4EU2	PP17	**Az.**	128°57'25"	0.023 sec	1 : 9071859	1 : 9082723
		ΔHt.	-70.535 m	0.004 m		
		ΔElev.	-70.506 m	0.004 m		
		Ellip Dist.	20647.352 m	0.002 m		
4EU2	PP18	**Az.**	126°51'17"	0.032 sec	1 : 6540319	1 : 6562975
		ΔHt.	-65.787 m	0.005 m		
		ΔElev.	-65.767 m	0.005 m		
		Ellip Dist.	18630.346 m	0.003 m		
4EU2	PP19	**Az.**	123°03'00"	0.024 sec	1 : 8465063	1 : 8479131
		ΔHt.	-66.007 m	0.005 m		
		ΔElev.	-66.015 m	0.005 m		

		Ellip Dist.	18732.529 m	0.002 m		
4EU2	PP2	Az.	182°45'08"	0.161 sec	1 : 1242437	1 : 1242721
		ΔHt.	-13.984 m	0.005 m		
		ΔElev.	-13.957 m	0.005 m		
		Ellip Dist.	3451.037 m	0.003 m		
4EU2	PP20	Az.	119°31'53"	0.025 sec	1 : 8180844	1 : 8195180
		ΔHt.	-65.478 m	0.005 m		
		ΔElev.	-65.511 m	0.005 m		
		Ellip Dist.	18380.177 m	0.002 m		
4EU2	PP21	Az.	116°09'30"	0.020 sec	1 : 10816366	1 : 10833431
		ΔHt.	-65.496 m	0.004 m		
		ΔElev.	-65.559 m	0.004 m		
		Ellip Dist.	18694.021 m	0.002 m		
4EU2	PP22	Az.	116°03'40"	0.021 sec	1 : 9463978	1 : 9481232
		ΔHt.	-71.804 m	0.006 m		
		ΔElev.	-71.900 m	0.006 m		
		Ellip Dist.	21745.552 m	0.002 m		
4EU2	PP23	Az.	118°15'33"	0.027 sec	1 : 8201998	1 : 8226051
		ΔHt.	-73.668 m	0.008 m		
		ΔElev.	-73.760 m	0.008 m		
		Ellip Dist.	23466.493 m	0.003 m		
4EU2	PP24	Az.	121°21'02"	0.021 sec	1 : 9680733	1 : 9710761
		ΔHt.	-76.800 m	0.008 m		
		ΔElev.	-76.852 m	0.008 m		
		Ellip Dist.	22521.922 m	0.002 m		
4EU2	PP25	Az.	124°17'49"	0.015 sec	1 : 14192453	1 : 14208083
		ΔHt.	-78.850 m	0.004 m		
		ΔElev.	-78.878 m	0.004 m		
		Ellip Dist.	23288.020 m	0.002 m		
4EU2	PP26	Az.	126°49'32"	0.020 sec	1 : 11023294	1 : 11026251
		ΔHt.	-79.073 m	0.004 m		
		ΔElev.	-79.082 m	0.004 m		
		Ellip Dist.	24014.779 m	0.002 m		
4EU2	PP27	Az.	133°19'59"	0.020 sec	1 : 10475359	1 : 10481178
		ΔHt.	-75.799 m	0.004 m		
		ΔElev.	-75.743 m	0.004 m		

		Ellip Dist.	22488.895 m	0.002 m		
4EU2	PP28	**Az.**	135°29'18"	0.014 sec	1 : 15251742	1 : 15258488
		ΔHt.	-79.214 m	0.003 m		
		ΔElev.	-79.150 m	0.003 m		
		Ellip Dist.	23613.188 m	0.002 m		
4EU2	PP29	**Az.**	128°26'40"	0.017 sec	1 : 12942118	1 : 12945208
		ΔHt.	-79.005 m	0.005 m		
		ΔElev.	-79.021 m	0.005 m		
		Ellip Dist.	26908.218 m	0.002 m		
4EU2	PP3	**Az.**	184°20'13"	0.192 sec	1 : 1070898	1 : 1071069
		ΔHt.	-10.218 m	0.005 m		
		ΔElev.	-10.194 m	0.005 m		
		Ellip Dist.	2451.688 m	0.002 m		
4EU2	PP30	**Az.**	130°40'54"	0.021 sec	1 : 10840265	1 : 10847166
		ΔHt.	-83.966 m	0.005 m		
		ΔElev.	-83.954 m	0.005 m		
		Ellip Dist.	26365.144 m	0.002 m		
4EU2	PP31	**Az.**	131°37'50"	0.016 sec	1 : 13702317	1 : 13698430
		ΔHt.	-87.856 m	0.006 m		
		ΔElev.	-87.854 m	0.006 m		
		Ellip Dist.	29150.402 m	0.002 m		
4EU2	PP4	**Az.**	154°02'59"	0.117 sec	1 : 1793962	1 : 1794510
		ΔHt.	-21.287 m	0.005 m		
		ΔElev.	-21.256 m	0.005 m		
		Ellip Dist.	4683.104 m	0.003 m		
4EU2	PP5	**Az.**	132°25'37"	0.069 sec	1 : 2687550	1 : 2694339
		ΔHt.	-28.583 m	0.005 m		
		ΔElev.	-28.546 m	0.005 m		
		Ellip Dist.	7860.530 m	0.003 m		
4EU2	PP6	**Az.**	145°20'53"	0.067 sec	1 : 2837965	1 : 2841973
		ΔHt.	-28.481 m	0.005 m		
		ΔElev.	-28.445 m	0.005 m		
		Ellip Dist.	7741.241 m	0.003 m		
4EU2	PP7	**Az.**	133°17'56"	0.054 sec	1 : 3487231	1 : 3493709
		ΔHt.	-35.777 m	0.005 m		
		ΔElev.	-35.738 m	0.005 m		
		Ellip Dist.	9634.556 m	0.003 m		

4EU2	PP8	**Az.**	141°20'15"	0.029 sec	1 : 6816403	1 : 6824275
		ΔHt.	-39.284 m	0.004 m		
		ΔElev.	-39.243 m	0.004 m		
		Ellip Dist.	11591.750 m	0.002 m		
4EU2	PP9	**Az.**	141°14'33"	0.027 sec	1 : 7040388	1 : 7047285
		ΔHt.	-48.662 m	0.005 m		
		ΔElev.	-48.609 m	0.005 m		
		Ellip Dist.	14370.316 m	0.002 m		
BP10	BP11	**Az.**	215°37'23"	0.253 sec	1 : 796376	1 : 795311
		ΔHt.	0.717 m	0.005 m		
		ΔElev.	0.773 m	0.005 m		
		Ellip Dist.	2511.988 m	0.003 m		
BP10	BP12	**Az.**	244°34'13"	0.178 sec	1 : 1268900	1 : 1267025
		ΔHt.	7.291 m	0.006 m		
		ΔElev.	7.365 m	0.006 m		
		Ellip Dist.	3786.717 m	0.003 m		
BP10	BP27	**Az.**	180°29'54"	0.469 sec	1 : 395341	1 : 395303
		ΔHt.	-1.867 m	0.005 m		
		ΔElev.	-1.846 m	0.005 m		
		Ellip Dist.	1237.015 m	0.003 m		
BP10	PP11	**Az.**	257°48'59"	0.195 sec	1 : 1228104	1 : 1226718
		ΔHt.	9.133 m	0.006 m		
		ΔElev.	9.201 m	0.006 m		
		Ellip Dist.	3856.207 m	0.003 m		
BP10	PP18	**Az.**	184°07'28"	0.179 sec	1 : 982331	1 : 982328
		ΔHt.	-5.506 m	0.006 m		
		ΔElev.	-5.444 m	0.006 m		
		Ellip Dist.	3646.178 m	0.004 m		
BP10	PP21	**Az.**	113°38'34"	0.331 sec	1 : 658494	1 : 659181
		ΔHt.	-5.216 m	0.005 m		
		ΔElev.	-5.236 m	0.005 m		
		Ellip Dist.	1762.400 m	0.003 m		
BP10	PP23	**Az.**	123°04'27"	0.115 sec	1 : 1878429	1 : 1881880
		ΔHt.	-13.388 m	0.008 m		
		ΔElev.	-13.437 m	0.008 m		
		Ellip Dist.	6563.799 m	0.003 m		

BP12	BP11	Az.	101°58'43"	0.338 sec	1 : 675022	1 : 675469
		ΔHt.	-6.575 m	0.006 m		
		ΔElev.	-6.592 m	0.006 m		
		Ellip Dist.	2000.432 m	0.003 m		
BP14	BP13	Az.	122°33'25"	0.170 sec	1 : 1244380	1 : 1244696
		ΔHt.	-10.410 m	0.006 m		
		ΔElev.	-10.396 m	0.006 m		
		Ellip Dist.	3090.734 m	0.002 m		
BP14	PP15	Az.	145°55'35"	0.161 sec	1 : 1276747	1 : 1277193
		ΔHt.	-8.401 m	0.006 m		
		ΔElev.	-8.382 m	0.006 m		
		Ellip Dist.	3018.210 m	0.002 m		
BP15	BP13	Az.	165°38'46"	0.111 sec	1 : 1781759	1 : 1781758
		ΔHt.	-10.648 m	0.006 m		
		ΔElev.	-10.617 m	0.006 m		
		Ellip Dist.	4652.780 m	0.003 m		
BP15	BP14	Az.	207°02'12"	0.166 sec	1 : 1245775	1 : 1245451
		ΔHt.	-0.238 m	0.006 m		
		ΔElev.	-0.221 m	0.006 m		
		Ellip Dist.	3192.822 m	0.003 m		
BP15	BP16	Az.	253°34'49"	0.312 sec	1 : 685322	1 : 685372
		ΔHt.	4.154 m	0.005 m		
		ΔElev.	4.164 m	0.005 m		
		Ellip Dist.	1700.545 m	0.002 m		
BP15	BP24	Az.	301°47'16"	0.255 sec	1 : 772550	1 : 772956
		ΔHt.	7.874 m	0.007 m		
		ΔElev.	7.877 m	0.007 m		
		Ellip Dist.	2110.664 m	0.003 m		
BP15	BP25	Az.	164°32'26"	0.213 sec	1 : 925476	1 : 925431
		ΔHt.	-4.609 m	0.005 m		
		ΔElev.	-4.594 m	0.005 m		
		Ellip Dist.	2399.093 m	0.003 m		
BP15	PP15	Az.	177°26'11"	0.092 sec	1 : 2182100	1 : 2181363
		ΔHt.	-8.639 m	0.006 m		
		ΔElev.	-8.603 m	0.006 m		
		Ellip Dist.	5349.541 m	0.002 m		
BP15	PP8	Az.	239°46'11"	0.160 sec	1 : 1341084	1 : 1341053

		ΔHt.	6.681 m	0.006 m		
		ΔElev.	6.691 m	0.006 m		
		Ellip Dist.	3151.425 m	0.002 m		
BP15	PP9	**Az.**	194°32'14"	0.139 sec	1 : 1487040	1 : 1485883
		ΔHt.	-2.697 m	0.006 m		
		ΔElev.	-2.675 m	0.006 m		
		Ellip Dist.	3866.996 m	0.003 m		
BP16	BP13	**Az.**	145°19'32"	0.104 sec	1 : 1959446	1 : 1960580
		ΔHt.	-14.802 m	0.006 m		
		ΔElev.	-14.780 m	0.006 m		
		Ellip Dist.	4895.891 m	0.002 m		
BP16	BP14	**Az.**	175°38'17"	0.215 sec	1 : 938066	1 : 938249
		ΔHt.	-4.391 m	0.006 m		
		ΔElev.	-4.384 m	0.006 m		
		Ellip Dist.	2370.037 m	0.003 m		
BP16	BP25	**Az.**	128°52'51"	0.174 sec	1 : 1190319	1 : 1191133
		ΔHt.	-8.763 m	0.005 m		
		ΔElev.	-8.758 m	0.005 m		
		Ellip Dist.	2917.320 m	0.002 m		
BP16	PP15	**Az.**	158°57'14"	0.091 sec	1 : 2195013	1 : 2195575
		ΔHt.	-12.793 m	0.005 m		
		ΔElev.	-12.767 m	0.005 m		
		Ellip Dist.	5210.777 m	0.002 m		
BP16	PP8	**Az.**	224°37'03"	0.309 sec	1 : 677564	1 : 677226
		ΔHt.	2.527 m	0.004 m		
		ΔElev.	2.528 m	0.004 m		
		Ellip Dist.	1553.999 m	0.002 m		
BP16	PP9	**Az.**	168°32'40"	0.149 sec	1 : 1300585	1 : 1300559
		ΔHt.	-6.851 m	0.005 m		
		ΔElev.	-6.838 m	0.005 m		
		Ellip Dist.	3328.697 m	0.003 m		
BP17	BP23	**Az.**	144°06'19"	0.364 sec	1 : 511401	1 : 511878
		ΔHt.	-3.465 m	0.005 m		
		ΔElev.	-3.465 m	0.005 m		
		Ellip Dist.	1699.195 m	0.003 m		
BP18	BP17	**Az.**	125°13'14"	0.287 sec	1 : 643703	1 : 644629
		ΔHt.	-5.464 m	0.006 m		

		ΔElev.	-5.461 m	0.006 m		
		Ellip Dist.	2131.004 m	0.003 m		
BP18	BP20	Az.	275°28'50"	0.456 sec	1 : 445436	1 : 446458
		ΔHt.	5.726 m	0.005 m		
		ΔElev.	5.724 m	0.005 m		
		Ellip Dist.	1319.404 m	0.003 m		
BP18	BP23	Az.	133°35'03"	0.168 sec	1 : 1046615	1 : 1048281
		ΔHt.	-8.930 m	0.006 m		
		ΔElev.	-8.927 m	0.006 m		
		Ellip Dist.	3779.024 m	0.004 m		
BP19	BP20	Az.	148°51'25"	0.269 sec	1 : 777223	1 : 777558
		ΔHt.	-5.197 m	0.005 m		
		ΔElev.	-5.191 m	0.005 m		
		Ellip Dist.	2201.153 m	0.003 m		
BP19	BP21	Az.	106°06'45"	0.329 sec	1 : 656925	1 : 656857
		ΔHt.	-5.431 m	0.005 m		
		ΔElev.	-5.429 m	0.005 m		
		Ellip Dist.	2046.342 m	0.003 m		
BP19	BP22	Az.	185°39'43"	0.487 sec	1 : 412446	1 : 412614
		ΔHt.	-1.425 m	0.004 m		
		ΔElev.	-1.422 m	0.004 m		
		Ellip Dist.	1274.427 m	0.003 m		
BP19	PP1	Az.	239°48'48"	0.363 sec	1 : 547821	1 : 547769
		ΔHt.	4.530 m	0.005 m		
		ΔElev.	4.532 m	0.005 m		
		Ellip Dist.	1829.458 m	0.003 m		
BP19	PP4	Az.	140°22'23"	0.799 sec	1 : 265557	1 : 265636
		ΔHt.	-3.807 m	0.004 m		
		ΔElev.	-3.804 m	0.004 m		
		Ellip Dist.	793.112 m	0.003 m		
BP2	BP1	Az.	162°29'24"	0.371 sec	1 : 562768	1 : 563056
		ΔHt.	-3.985 m	0.005 m		
		ΔElev.	-3.977 m	0.005 m		
		Ellip Dist.	1535.107 m	0.003 m		
BP20	BP17	Az.	113°54'59"	0.174 sec	1 : 1164573	1 : 1166106
		ΔHt.	-11.190 m	0.005 m		

		ΔElev.	-11.185 m	0.005 m		
		Ellip Dist.	3341.353 m	0.003 m		
BP20	BP21	**Az.**	32°10'14"	0.386 sec	1 : 509830	1 : 509801
		ΔHt.	-0.234 m	0.004 m		
		ΔElev.	-0.237 m	0.004 m		
		Ellip Dist.	1554.590 m	0.003 m		
BP20	BP22	**Az.**	295°58'33"	0.424 sec	1 : 505648	1 : 505681
		ΔHt.	3.772 m	0.004 m		
		ΔElev.	3.769 m	0.004 m		
		Ellip Dist.	1406.092 m	0.003 m		
BP20	BP23	**Az.**	123°58'59"	0.124 sec	1 : 1552990	1 : 1556307
		ΔHt.	-14.655 m	0.005 m		
		ΔElev.	-14.650 m	0.005 m		
		Ellip Dist.	4885.576 m	0.003 m		
BP22	BP21	**Az.**	71°29'19"	0.297 sec	1 : 687649	1 : 687318
		ΔHt.	-4.006 m	0.005 m		
		ΔElev.	-4.007 m	0.005 m		
		Ellip Dist.	2205.807 m	0.003 m		
BP24	BP13	**Az.**	152°18'39"	0.084 sec	1 : 2320531	1 : 2320717
		ΔHt.	-18.521 m	0.007 m		
		ΔElev.	-18.494 m	0.007 m		
		Ellip Dist.	6345.505 m	0.003 m		
BP24	BP14	**Az.**	175°02'14"	0.137 sec	1 : 1479793	1 : 1479388
		ΔHt.	-8.111 m	0.007 m		
		ΔElev.	-8.098 m	0.007 m		
		Ellip Dist.	3970.566 m	0.003 m		
BP24	BP16	**Az.**	174°08'58"	0.331 sec	1 : 603827	1 : 603584
		ΔHt.	-3.720 m	0.006 m		
		ΔElev.	-3.713 m	0.006 m		
		Ellip Dist.	1600.850 m	0.003 m		
BP24	BP25	**Az.**	144°35'15"	0.126 sec	1 : 1546928	1 : 1547340
		ΔHt.	-12.482 m	0.007 m		
		ΔElev.	-12.471 m	0.007 m		
		Ellip Dist.	4200.831 m	0.003 m		
BP24	PP15	**Az.**	162°30'26"	0.075 sec	1 : 2619645	1 : 2618791
		ΔHt.	-16.513 m	0.007 m		
		ΔElev.	-16.480 m	0.007 m		

		Ellip Dist.	6768.669 m	0.003 m		
BP24	PP8	Az.	198°58'55"	0.183 sec	1 : 1157491	1 : 1156633
		ΔHt.	-1.193 m	0.007 m		
		ΔElev.	-1.186 m	0.007 m		
		Ellip Dist.	2853.877 m	0.002 m		
BP24	PP9	Az.	170°21'48"	0.110 sec	1 : 1781397	1 : 1780592
		ΔHt.	-10.571 m	0.007 m		
		ΔElev.	-10.552 m	0.007 m		
		Ellip Dist.	4924.375 m	0.003 m		
BP25	BP13	Az.	166°49'36"	0.219 sec	1 : 894875	1 : 895120
		ΔHt.	-6.039 m	0.005 m		
		ΔElev.	-6.023 m	0.005 m		
		Ellip Dist.	2254.609 m	0.003 m		
BP25	BP14	Az.	255°44'18"	0.242 sec	1 : 876148	1 : 875896
		ΔHt.	4.371 m	0.006 m		
		ΔElev.	4.373 m	0.006 m		
		Ellip Dist.	2157.349 m	0.002 m		
BP25	PP15	Az.	187°31'25"	0.153 sec	1 : 1290648	1 : 1290280
		ΔHt.	-4.030 m	0.005 m		
		ΔElev.	-4.009 m	0.005 m		
		Ellip Dist.	3058.197 m	0.002 m		
BP25	PP9	Az.	228°22'37"	0.242 sec	1 : 892884	1 : 892294
		ΔHt.	1.911 m	0.005 m		
		ΔElev.	1.919 m	0.005 m		
		Ellip Dist.	2154.074 m	0.002 m		
BP26	BP13	Az.	216°34'03"	0.115 sec	1 : 1737894	1 : 1735764
		ΔHt.	2.100 m	0.006 m		
		ΔElev.	2.182 m	0.006 m		
		Ellip Dist.	5238.987 m	0.003 m		
BP26	BP16	Az.	268°15'26"	0.109 sec	1 : 2106608	1 : 2107770
		ΔHt.	16.902 m	0.005 m		
		ΔElev.	16.962 m	0.005 m		
		Ellip Dist.	5906.833 m	0.003 m		
BP26	BP25	Az.	241°01'37"	0.151 sec	1 : 1459859	1 : 1458717
		ΔHt.	8.139 m	0.005 m		
		ΔElev.	8.205 m	0.005 m		

		Ellip Dist.	4154.124 m	0.003 m		
BP26	PP12	**Az.**	280°12'05"	0.351 sec	1 : 651548	1 : 652545
		ΔHt.	6.896 m	0.005 m		
		ΔElev.	6.922 m	0.005 m		
		Ellip Dist.	1972.852 m	0.003 m		
BP26	PP15	**Az.**	218°39'51"	0.091 sec	1 : 2239584	1 : 2236827
		ΔHt.	4.109 m	0.005 m		
		ΔElev.	4.195 m	0.005 m		
		Ellip Dist.	6459.814 m	0.003 m		
BP26	PP8	**Az.**	259°35'29"	0.088 sec	1 : 2638444	1 : 2639184
		ΔHt.	19.428 m	0.005 m		
		ΔElev.	19.490 m	0.005 m		
		Ellip Dist.	7113.314 m	0.003 m		
BP26	PP9	**Az.**	236°43'19"	0.102 sec	1 : 2178376	1 : 2176382
		ΔHt.	10.051 m	0.006 m		
		ΔElev.	10.124 m	0.006 m		
		Ellip Dist.	6273.787 m	0.003 m		
BP27	BP11	**Az.**	241°00'11"	0.389 sec	1 : 574492	1 : 573674
		ΔHt.	2.583 m	0.005 m		
		ΔElev.	2.620 m	0.005 m		
		Ellip Dist.	1660.495 m	0.003 m		
BP27	BP12	**Az.**	263°29'21"	0.196 sec	1 : 1209370	1 : 1208785
		ΔHt.	9.158 m	0.006 m		
		ΔElev.	9.212 m	0.006 m		
		Ellip Dist.	3431.201 m	0.003 m		
BP27	BP8	**Az.**	235°52'36"	0.205 sec	1 : 1081161	1 : 1079452
		ΔHt.	4.255 m	0.005 m		
		ΔElev.	4.314 m	0.005 m		
		Ellip Dist.	2872.727 m	0.003 m		
BP27	PP11	**Az.**	276°25'23"	0.195 sec	1 : 1239997	1 : 1240813
		ΔHt.	11.000 m	0.006 m		
		ΔElev.	11.048 m	0.006 m		
		Ellip Dist.	3782.333 m	0.003 m		
BP27	PP18	**Az.**	185°58'57"	0.261 sec	1 : 671091	1 : 670958
		ΔHt.	-3.640 m	0.006 m		
		ΔElev.	-3.598 m	0.006 m		
		Ellip Dist.	2412.909 m	0.004 m		

BP27	PP21	Az.	71°55'56"	0.337 sec	1 : 684119	1 : 683581
		ΔHt.	-3.349 m	0.004 m		
		ΔElev.	-3.390 m	0.004 m		
		Ellip Dist.	1709.525 m	0.002 m		
BP27	PP23	Az.	113°03'03"	0.125 sec	1 : 1809130	1 : 1812168
		ΔHt.	-11.521 m	0.008 m		
		ΔElev.	-11.591 m	0.008 m		
		Ellip Dist.	5989.183 m	0.003 m		
BP28	BP5	Az.	179°37'01"	0.192 sec	1 : 1000311	1 : 1000046
		ΔHt.	-5.242 m	0.004 m		
		ΔElev.	-5.191 m	0.004 m		
		Ellip Dist.	2977.846 m	0.003 m		
BP28	BP6	Az.	154°32'43"	0.276 sec	1 : 695274	1 : 695629
		ΔHt.	-5.426 m	0.004 m		
		ΔElev.	-5.412 m	0.004 m		
		Ellip Dist.	2002.697 m	0.003 m		
BP28	PP22	Az.	104°58'50"	0.289 sec	1 : 737898	1 : 738700
		ΔHt.	-2.916 m	0.005 m		
		ΔElev.	-2.948 m	0.005 m		
		Ellip Dist.	2066.717 m	0.003 m		
BP29	BP1	Az.	153°38'32"	0.097 sec	1 : 2166347	1 : 2167300
		ΔHt.	-13.621 m	0.006 m		
		ΔElev.	-13.607 m	0.006 m		
		Ellip Dist.	5888.521 m	0.003 m		
BP29	BP2	Az.	150°33'18"	0.132 sec	1 : 1598022	1 : 1598673
		ΔHt.	-9.636 m	0.005 m		
		ΔElev.	-9.630 m	0.005 m		
		Ellip Dist.	4377.982 m	0.003 m		
BP29	BP3	Az.	186°04'43"	0.205 sec	1 : 979114	1 : 979346
		ΔHt.	-3.440 m	0.005 m		
		ΔElev.	-3.400 m	0.005 m		
		Ellip Dist.	2615.108 m	0.003 m		
BP29	BP4	Az.	233°46'55"	0.393 sec	1 : 512057	1 : 511912
		ΔHt.	0.465 m	0.005 m		
		ΔElev.	0.500 m	0.005 m		
		Ellip Dist.	1397.021 m	0.003 m		

BP29	PP26	Az.	145°12'30"	0.595 sec	1 : 355702	1 : 355846
		ΔHt.	-1.646 m	0.004 m		
		ΔElev.	-1.646 m	0.004 m		
		Ellip Dist.	964.440 m	0.003 m		
BP29	PP28	Az.	213°18'22"	0.129 sec	1 : 1556148	1 : 1555813
		ΔHt.	-1.787 m	0.005 m		
		ΔElev.	-1.714 m	0.005 m		
		Ellip Dist.	3866.708 m	0.002 m		
BP29	PP29	Az.	142°33'48"	0.142 sec	1 : 1488882	1 : 1489419
		ΔHt.	-1.578 m	0.006 m		
		ΔElev.	-1.585 m	0.006 m		
		Ellip Dist.	3944.309 m	0.003 m		
BP29	PP30	Az.	159°50'55"	0.165 sec	1 : 1246232	1 : 1246996
		ΔHt.	-6.539 m	0.006 m		
		ΔElev.	-6.518 m	0.006 m		
		Ellip Dist.	3819.515 m	0.003 m		
BP29	PP31	Az.	151°41'58"	0.089 sec	1 : 2421937	1 : 2422346
		ΔHt.	-10.429 m	0.006 m		
		ΔElev.	-10.418 m	0.006 m		
		Ellip Dist.	6551.399 m	0.003 m		
BP3	BP1	Az.	132°47'00"	0.147 sec	1 : 1529670	1 : 1530125
		ΔHt.	-10.181 m	0.006 m		
		ΔElev.	-10.206 m	0.006 m		
		Ellip Dist.	3939.565 m	0.003 m		
BP3	BP2	Az.	116°31'00"	0.212 sec	1 : 1041775	1 : 1041706
		ΔHt.	-6.196 m	0.005 m		
		ΔElev.	-6.229 m	0.005 m		
		Ellip Dist.	2714.693 m	0.003 m		
BP3	PP26	Az.	24°34'47"	0.272 sec	1 : 705148	1 : 705192
		ΔHt.	1.794 m	0.005 m		
		ΔElev.	1.755 m	0.005 m		
		Ellip Dist.	1988.599 m	0.003 m		
BP3	PP28	Az.	251°07'29"	0.250 sec	1 : 806796	1 : 806250
		ΔHt.	1.653 m	0.004 m		
		ΔElev.	1.687 m	0.004 m		
		Ellip Dist.	1951.239 m	0.002 m		
BP3	PP29	Az.	101°14'14"	0.204 sec	1 : 1061180	1 : 1060321

		ΔHt.	1.862 m	0.006 m		
		ΔElev.	1.815 m	0.006 m		
		Ellip Dist.	2726.901 m	0.003 m		
BP3	PP30	**Az.**	121°44'25"	0.343 sec	1 : 672425	1 : 672544
		ΔHt.	-3.099 m	0.005 m		
		ΔElev.	-3.118 m	0.005 m		
		Ellip Dist.	1872.875 m	0.003 m		
BP30	BP7	**Az.**	356°57'43"	0.342 sec	1 : 575982	1 : 576004
		ΔHt.	2.861 m	0.005 m		
		ΔElev.	2.842 m	0.005 m		
		Ellip Dist.	1594.217 m	0.003 m		
BP30	PP14	**Az.**	311°33'05"	0.177 sec	1 : 1145707	1 : 1147051
		ΔHt.	11.326 m	0.006 m		
		ΔElev.	11.320 m	0.006 m		
		Ellip Dist.	3650.755 m	0.003 m		
BP30	PP15	**Az.**	280°20'14"	0.126 sec	1 : 1707388	1 : 1707807
		ΔHt.	12.621 m	0.005 m		
		ΔElev.	12.628 m	0.005 m		
		Ellip Dist.	4257.337 m	0.002 m		
BP30	PP16	**Az.**	117°02'04"	0.569 sec	1 : 372109	1 : 372291
		ΔHt.	-3.040 m	0.005 m		
		ΔElev.	-3.044 m	0.005 m		
		Ellip Dist.	1006.722 m	0.003 m		
BP30	PP17	**Az.**	70°45'30"	0.341 sec	1 : 642325	1 : 642107
		ΔHt.	-3.310 m	0.005 m		
		ΔElev.	-3.339 m	0.005 m		
		Ellip Dist.	1757.719 m	0.003 m		
BP30	PP27	**Az.**	133°42'58"	0.210 sec	1 : 983103	1 : 983497
		ΔHt.	-8.574 m	0.005 m		
		ΔElev.	-8.577 m	0.005 m		
		Ellip Dist.	2709.041 m	0.003 m		
BP4	BP1	**Az.**	139°56'34"	0.102 sec	1 : 2163260	1 : 2164367
		ΔHt.	-14.086 m	0.006 m		
		ΔElev.	-14.106 m	0.006 m		
		Ellip Dist.	5814.545 m	0.003 m		
BP4	BP2	**Az.**	132°19'24"	0.134 sec	1 : 1641299	1 : 1641852
		ΔHt.	-10.102 m	0.005 m		

		ΔElev.	-10.129 m	0.005 m		
		Ellip Dist.	4435.740 m	0.003 m		
BP4	BP3	Az.	154°24'01"	0.285 sec	1 : 752518	1 : 752969
		ΔHt.	-3.905 m	0.005 m		
		ΔElev.	-3.900 m	0.005 m		
		Ellip Dist.	1968.061 m	0.003 m		
BP4	PP26	Az.	88°51'08"	0.347 sec	1 : 610470	1 : 610129
		ΔHt.	-2.112 m	0.005 m		
		ΔElev.	-2.145 m	0.005 m		
		Ellip Dist.	1677.720 m	0.003 m		
BP4	PP28	Az.	202°29'00"	0.191 sec	1 : 1016523	1 : 1016630
		ΔHt.	-2.252 m	0.005 m		
		ΔElev.	-2.213 m	0.005 m		
		Ellip Dist.	2604.218 m	0.003 m		
BP4	PP29	Az.	123°11'32"	0.138 sec	1 : 1600173	1 : 1600205
		ΔHt.	-2.043 m	0.006 m		
		ΔElev.	-2.085 m	0.006 m		
		Ellip Dist.	4212.321 m	0.003 m		
BP4	PP30	Az.	138°29'01"	0.178 sec	1 : 1256377	1 : 1257229
		ΔHt.	-7.004 m	0.006 m		
		ΔElev.	-7.018 m	0.006 m		
		Ellip Dist.	3686.036 m	0.003 m		
BP4	PP31	Az.	139°25'00"	0.092 sec	1 : 2409341	1 : 2409609
		ΔHt.	-10.894 m	0.006 m		
		ΔElev.	-10.917 m	0.006 m		
		Ellip Dist.	6507.772 m	0.003 m		
BP6	BP5	Az.	215°43'13"	0.399 sec	1 : 530057	1 : 529615
		ΔHt.	0.184 m	0.004 m		
		ΔElev.	0.222 m	0.004 m		
		Ellip Dist.	1440.389 m	0.003 m		
BP7	PP15	Az.	258°35'30"	0.127 sec	1 : 1690706	1 : 1690281
		ΔHt.	9.760 m	0.005 m		
		ΔElev.	9.786 m	0.005 m		
		Ellip Dist.	4186.446 m	0.002 m		
BP8	BP11	Az.	48°55'21"	0.487 sec	1 : 437142	1 : 436452
		ΔHt.	-1.672 m	0.005 m		

		ΔElev.	-1.694 m	0.005 m		
		Ellip Dist.	1227.871 m	0.003 m		
BP8	BP30	**Az.**	153°04'08"	0.147 sec	1 : 1339778	1 : 1340314
		ΔHt.	-9.333 m	0.005 m		
		ΔElev.	-9.311 m	0.005 m		
		Ellip Dist.	3562.595 m	0.003 m		
BP8	BP7	**Az.**	136°01'15"	0.240 sec	1 : 856152	1 : 856520
		ΔHt.	-6.471 m	0.006 m		
		ΔElev.	-6.468 m	0.006 m		
		Ellip Dist.	2201.630 m	0.003 m		
BP8	PP11	**Az.**	325°49'49"	0.255 sec	1 : 747502	1 : 749066
		ΔHt.	6.745 m	0.006 m		
		ΔElev.	6.734 m	0.006 m		
		Ellip Dist.	2458.752 m	0.003 m		
BP8	PP14	**Az.**	235°59'02"	0.470 sec	1 : 466538	1 : 466109
		ΔHt.	1.993 m	0.005 m		
		ΔElev.	2.009 m	0.005 m		
		Ellip Dist.	1349.921 m	0.003 m		
BP8	PP15	**Az.**	226°51'29"	0.138 sec	1 : 1524450	1 : 1523251
		ΔHt.	3.289 m	0.005 m		
		ΔElev.	3.317 m	0.005 m		
		Ellip Dist.	3528.761 m	0.002 m		
BP8	PP16	**Az.**	145°21'39"	0.120 sec	1 : 1639105	1 : 1640061
		ΔHt.	-12.373 m	0.005 m		
		ΔElev.	-12.355 m	0.005 m		
		Ellip Dist.	4416.499 m	0.003 m		
BP8	PP17	**Az.**	128°25'39"	0.134 sec	1 : 1534313	1 : 1535871
		ΔHt.	-12.643 m	0.005 m		
		ΔElev.	-12.650 m	0.005 m		
		Ellip Dist.	4177.961 m	0.003 m		
BP8	PP18	**Az.**	110°19'23"	0.307 sec	1 : 750792	1 : 752217
		ΔHt.	-7.894 m	0.006 m		
		ΔElev.	-7.911 m	0.006 m		
		Ellip Dist.	2268.037 m	0.003 m		
BP8	PP23	**Az.**	95°17'53"	0.096 sec	1 : 2544313	1 : 2545698
		ΔHt.	-15.776 m	0.008 m		
		ΔElev.	-15.905 m	0.008 m		

		Ellip Dist.	7923.161 m	0.003 m		
BP8	PP27	Az.	144°43'04"	0.087 sec	1 : 2302861	1 : 2304101
		ΔHt.	-17.906 m	0.005 m		
		ΔElev.	-17.888 m	0.005 m		
		Ellip Dist.	6183.985 m	0.003 m		
BP8	PP28	Az.	149°44'10"	0.063 sec	1 : 3203437	1 : 3205174
		ΔHt.	-21.322 m	0.005 m		
		ΔElev.	-21.295 m	0.005 m		
		Ellip Dist.	7472.870 m	0.002 m		
BP9	BP28	Az.	27°57'59"	0.366 sec	1 : 563011	1 : 562532
		ΔHt.	0.618 m	0.004 m		
		ΔElev.	0.580 m	0.004 m		
		Ellip Dist.	1562.295 m	0.003 m		
BP9	BP5	Az.	154°46'29"	0.310 sec	1 : 618206	1 : 618503
		ΔHt.	-4.624 m	0.004 m		
		ΔElev.	-4.611 m	0.004 m		
		Ellip Dist.	1766.363 m	0.003 m		
BP9	BP6	Az.	105°02'47"	0.337 sec	1 : 623003	1 : 623615
		ΔHt.	-4.808 m	0.004 m		
		ΔElev.	-4.832 m	0.004 m		
		Ellip Dist.	1650.103 m	0.003 m		
BP9	PP19	Az.	279°44'34"	0.503 sec	1 : 425552	1 : 425934
		ΔHt.	3.499 m	0.004 m		
		ΔElev.	3.517 m	0.004 m		
		Ellip Dist.	1121.244 m	0.003 m		
BP9	PP22	Az.	72°46'54"	0.207 sec	1 : 1079271	1 : 1079504
		ΔHt.	-2.298 m	0.006 m		
		ΔElev.	-2.368 m	0.006 m		
		Ellip Dist.	2857.209 m	0.003 m		
PP1	BP20	Az.	109°30'28"	0.229 sec	1 : 955992	1 : 956090
		ΔHt.	-9.727 m	0.005 m		
		ΔElev.	-9.723 m	0.005 m		
		Ellip Dist.	2885.555 m	0.003 m		
PP1	BP21	Az.	84°19'27"	0.201 sec	1 : 1047031	1 : 1046638
		ΔHt.	-9.961 m	0.005 m		
		ΔElev.	-9.961 m	0.005 m		

		Ellip Dist.	3564.746 m	0.003 m		
PP1	BP22	**Az.**	103°26'53"	0.462 sec	1 : 471611	1 : 471550
		ΔHt.	-5.955 m	0.005 m		
		ΔElev.	-5.954 m	0.005 m		
		Ellip Dist.	1496.733 m	0.003 m		
PP10	BP13	**Az.**	164°24'17"	0.174 sec	1 : 1151681	1 : 1152009
		ΔHt.	-8.052 m	0.006 m		
		ΔElev.	-8.032 m	0.006 m		
		Ellip Dist.	2937.749 m	0.003 m		
PP10	BP14	**Az.**	237°17'05"	0.241 sec	1 : 855107	1 : 854880
		ΔHt.	2.358 m	0.006 m		
		ΔElev.	2.364 m	0.006 m		
		Ellip Dist.	2157.134 m	0.003 m		
PP10	BP15	**Az.**	347°46'37"	0.303 sec	1 : 664036	1 : 663940
		ΔHt.	2.595 m	0.005 m		
		ΔElev.	2.585 m	0.005 m		
		Ellip Dist.	1716.908 m	0.003 m		
PP10	BP16	**Az.**	300°58'29"	0.222 sec	1 : 933231	1 : 933591
		ΔHt.	6.749 m	0.005 m		
		ΔElev.	6.748 m	0.005 m		
		Ellip Dist.	2326.484 m	0.002 m		
PP10	BP24	**Az.**	322°17'02"	0.152 sec	1 : 1294231	1 : 1294408
		ΔHt.	10.469 m	0.007 m		
		ΔElev.	10.462 m	0.007 m		
		Ellip Dist.	3526.826 m	0.003 m		
PP10	BP25	**Az.**	156°29'35"	0.731 sec	1 : 273811	1 : 273889
		ΔHt.	-2.013 m	0.005 m		
		ΔElev.	-2.009 m	0.005 m		
		Ellip Dist.	691.735 m	0.003 m		
PP10	PP15	**Az.**	181°56'38"	0.132 sec	1 : 1532285	1 : 1532134
		ΔHt.	-6.043 m	0.006 m		
		ΔElev.	-6.018 m	0.006 m		
		Ellip Dist.	3668.321 m	0.002 m		
PP10	PP8	**Az.**	271°41'48"	0.159 sec	1 : 1320514	1 : 1320967
		ΔHt.	9.276 m	0.005 m		
		ΔElev.	9.276 m	0.005 m		
		Ellip Dist.	3087.778 m	0.002 m		

PP10	PP9	Az.	212°51'58"	0.216 sec	1 : 980136	1 : 979541
		ΔHt.	-0.102 m	0.006 m		
		ΔElev.	-0.090 m	0.006 m		
		Ellip Dist.	2458.711 m	0.003 m		
PP11	BP11	Az.	118°00'47"	0.275 sec	1 : 806406	1 : 808131
		ΔHt.	-8.416 m	0.005 m		
		ΔElev.	-8.428 m	0.005 m		
		Ellip Dist.	2612.841 m	0.003 m		
PP11	BP12	Az.	156°41'37"	0.728 sec	1 : 251644	1 : 251985
		ΔHt.	-1.842 m	0.006 m		
		ΔElev.	-1.836 m	0.006 m		
		Ellip Dist.	884.210 m	0.004 m		
PP11	PP18	Az.	128°48'31"	0.170 sec	1 : 1240525	1 : 1244322
		ΔHt.	-14.639 m	0.006 m		
		ΔElev.	-14.646 m	0.006 m		
		Ellip Dist.	4502.060 m	0.004 m		
PP12	BP13	Az.	194°30'01"	0.124 sec	1 : 1551924	1 : 1550739
		ΔHt.	-4.796 m	0.006 m		
		ΔElev.	-4.740 m	0.006 m		
		Ellip Dist.	4707.319 m	0.003 m		
PP12	BP16	Az.	262°23'00"	0.157 sec	1 : 1442270	1 : 1442814
		ΔHt.	10.006 m	0.005 m		
		ΔElev.	10.040 m	0.005 m		
		Ellip Dist.	3997.602 m	0.003 m		
PP12	BP25	Az.	215°37'01"	0.205 sec	1 : 1002488	1 : 1001297
		ΔHt.	1.243 m	0.005 m		
		ΔElev.	1.283 m	0.005 m		
		Ellip Dist.	2905.550 m	0.003 m		
PP12	PP15	Az.	201°12'31"	0.098 sec	1 : 2005879	1 : 2003810
		ΔHt.	-2.787 m	0.005 m		
		ΔElev.	-2.727 m	0.005 m		
		Ellip Dist.	5785.666 m	0.003 m		
PP12	PP8	Az.	252°04'06"	0.114 sec	1 : 1991711	1 : 1991707
		ΔHt.	12.533 m	0.005 m		
		ΔElev.	12.568 m	0.005 m		
		Ellip Dist.	5312.316 m	0.003 m		

PP12	PP9	Az.	221°02'59"	0.123 sec	1 : 1740924	1 : 1738710
		ΔHt.	3.155 m	0.006 m		
		ΔElev.	3.202 m	0.006 m		
		Ellip Dist.	5028.934 m	0.003 m		
PP13	BP13	Az.	209°44'30"	0.115 sec	1 : 1673420	1 : 1671105
		ΔHt.	-0.701 m	0.006 m		
		ΔElev.	-0.614 m	0.006 m		
		Ellip Dist.	5615.520 m	0.003 m		
PP13	BP16	Az.	261°20'37"	0.126 sec	1 : 1863227	1 : 1863382
		ΔHt.	14.101 m	0.006 m		
		ΔElev.	14.166 m	0.006 m		
		Ellip Dist.	5632.984 m	0.003 m		
PP13	BP25	Az.	230°54'22"	0.159 sec	1 : 1343792	1 : 1341905
		ΔHt.	5.338 m	0.006 m		
		ΔElev.	5.409 m	0.006 m		
		Ellip Dist.	4250.507 m	0.003 m		
PP13	BP26	Az.	153°20'46"	0.893 sec	1 : 211202	1 : 211437
		ΔHt.	-2.801 m	0.005 m		
		ΔElev.	-2.796 m	0.005 m		
		Ellip Dist.	747.387 m	0.004 m		
PP13	PP12	Az.	258°46'53"	0.456 sec	1 : 516247	1 : 516290
		ΔHt.	4.095 m	0.005 m		
		ΔElev.	4.126 m	0.005 m		
		Ellip Dist.	1637.690 m	0.003 m		
PP13	PP15	Az.	212°56'08"	0.093 sec	1 : 2110486	1 : 2107385
		ΔHt.	1.308 m	0.006 m		
		ΔElev.	1.399 m	0.006 m		
		Ellip Dist.	6805.898 m	0.003 m		
PP13	PP8	Az.	253°39'22"	0.099 sec	1 : 2360319	1 : 2359643
		ΔHt.	16.628 m	0.006 m		
		ΔElev.	16.694 m	0.006 m		
		Ellip Dist.	6941.443 m	0.003 m		
PP13	PP9	Az.	230°03'43"	0.107 sec	1 : 2011748	1 : 2008834
		ΔHt.	7.250 m	0.006 m		
		ΔElev.	7.328 m	0.006 m		
		Ellip Dist.	6403.210 m	0.003 m		
PP14	BP7	Az.	107°22'50"	0.239 sec	1 : 909509	1 : 910350

		ΔHt.	-8.464 m	0.006 m		
		ΔElev.	-8.478 m	0.006 m		
		Ellip Dist.	2774.501 m	0.003 m		
PP14	PP15	**Az.**	221°16'57"	0.280 sec	1 : 752608	1 : 751822
		ΔHt.	1.296 m	0.005 m		
		ΔElev.	1.308 m	0.005 m		
		Ellip Dist.	2206.340 m	0.003 m		
PP14	PP17	**Az.**	112°44'30"	0.144 sec	1 : 1488218	1 : 1490324
		ΔHt.	-14.636 m	0.005 m		
		ΔElev.	-14.659 m	0.005 m		
		Ellip Dist.	4762.367 m	0.003 m		
PP14	PP27	**Az.**	132°27'26"	0.103 sec	1 : 1959200	1 : 1961560
		ΔHt.	-19.899 m	0.006 m		
		ΔElev.	-19.897 m	0.006 m		
		Ellip Dist.	6358.686 m	0.003 m		
PP15	BP13	**Az.**	47°32'14"	0.387 sec	1 : 535218	1 : 534936
		ΔHt.	-2.009 m	0.005 m		
		ΔElev.	-2.013 m	0.005 m		
		Ellip Dist.	1239.244 m	0.002 m		
PP16	BP7	**Az.**	334°25'22"	0.244 sec	1 : 812699	1 : 812887
		ΔHt.	5.902 m	0.005 m		
		ΔElev.	5.887 m	0.005 m		
		Ellip Dist.	2272.326 m	0.003 m		
PP16	PP14	**Az.**	308°26'02"	0.142 sec	1 : 1438873	1 : 1440689
		ΔHt.	14.366 m	0.005 m		
		ΔElev.	14.364 m	0.005 m		
		Ellip Dist.	4632.214 m	0.003 m		
PP16	PP15	**Az.**	283°30'47"	0.104 sec	1 : 2060521	1 : 2061666
		ΔHt.	15.662 m	0.005 m		
		ΔElev.	15.673 m	0.005 m		
		Ellip Dist.	5229.617 m	0.003 m		
PP16	PP17	**Az.**	36°20'51"	0.455 sec	1 : 453371	1 : 452991
		ΔHt.	-0.270 m	0.004 m		
		ΔElev.	-0.295 m	0.004 m		
		Ellip Dist.	1287.210 m	0.003 m		
PP16	PP27	**Az.**	143°07'34"	0.319 sec	1 : 629251	1 : 629535
		ΔHt.	-5.533 m	0.005 m		

		ΔElev.	-5.532 m	0.005 m		
		Ellip Dist.	1768.459 m	0.003 m		
PP17	BP7	**Az.**	300°09'10"	0.291 sec	1 : 724155	1 : 724617
		ΔHt.	6.172 m	0.005 m		
		ΔElev.	6.182 m	0.005 m		
		Ellip Dist.	2016.732 m	0.003 m		
PP17	PP15	**Az.**	271°49'07"	0.097 sec	1 : 2257410	1 : 2258648
		ΔHt.	15.932 m	0.005 m		
		ΔElev.	15.968 m	0.005 m		
		Ellip Dist.	5850.678 m	0.003 m		
PP17	PP27	**Az.**	173°04'03"	0.230 sec	1 : 836219	1 : 836169
		ΔHt.	-5.263 m	0.005 m		
		ΔElev.	-5.237 m	0.005 m		
		Ellip Dist.	2469.542 m	0.003 m		
PP18	BP11	**Az.**	323°01'11"	0.340 sec	1 : 571792	1 : 573153
		ΔHt.	6.223 m	0.005 m		
		ΔElev.	6.217 m	0.005 m		
		Ellip Dist.	1996.378 m	0.003 m		
PP18	BP12	**Az.**	302°29'12"	0.196 sec	1 : 1108740	1 : 1111353
		ΔHt.	12.798 m	0.007 m		
		ΔElev.	12.810 m	0.007 m		
		Ellip Dist.	3743.430 m	0.003 m		
PP19	BP28	**Az.**	57°03'58"	0.273 sec	1 : 807731	1 : 807296
		ΔHt.	-2.881 m	0.005 m		
		ΔElev.	-2.937 m	0.005 m		
		Ellip Dist.	2189.420 m	0.003 m		
PP19	BP5	**Az.**	133°53'26"	0.218 sec	1 : 904545	1 : 905629
		ΔHt.	-8.123 m	0.005 m		
		ΔElev.	-8.127 m	0.005 m		
		Ellip Dist.	2578.250 m	0.003 m		
PP19	BP6	**Az.**	102°53'40"	0.204 sec	1 : 1040788	1 : 1041845
		ΔHt.	-8.307 m	0.005 m		
		ΔElev.	-8.349 m	0.005 m		
		Ellip Dist.	2768.487 m	0.003 m		
PP19	PP22	**Az.**	80°17'03"	0.154 sec	1 : 1455203	1 : 1455892
		ΔHt.	-5.797 m	0.006 m		

		ΔElev.	-5.884 m	0.006 m		
		Ellip Dist.	3889.949 m	0.003 m		
PP19	PP23	**Az.**	100°17'52"	0.156 sec	1 : 1498721	1 : 1500533
		ΔHt.	-7.661 m	0.009 m		
		ΔElev.	-7.744 m	0.009 m		
		Ellip Dist.	5047.960 m	0.003 m		
PP2	BP19	**Az.**	95°07'02"	0.380 sec	1 : 560462	1 : 560307
		ΔHt.	-3.496 m	0.005 m		
		ΔElev.	-3.495 m	0.005 m		
		Ellip Dist.	1715.909 m	0.003 m		
PP2	BP20	**Az.**	125°34'22"	0.175 sec	1 : 1222228	1 : 1222738
		ΔHt.	-8.693 m	0.005 m		
		ΔElev.	-8.686 m	0.005 m		
		Ellip Dist.	3501.191 m	0.003 m		
PP2	BP21	**Az.**	101°05'37"	0.184 sec	1 : 1174720	1 : 1174480
		ΔHt.	-8.927 m	0.005 m		
		ΔElev.	-8.924 m	0.005 m		
		Ellip Dist.	3745.111 m	0.003 m		
PP2	BP22	**Az.**	131°54'31"	0.309 sec	1 : 701198	1 : 701452
		ΔHt.	-4.921 m	0.005 m		
		ΔElev.	-4.917 m	0.005 m		
		Ellip Dist.	2127.844 m	0.003 m		
PP2	PP1	**Az.**	173°12'21"	0.622 sec	1 : 325488	1 : 325824
		ΔHt.	1.035 m	0.005 m		
		ΔElev.	1.037 m	0.005 m		
		Ellip Dist.	1080.809 m	0.003 m		
PP2	PP4	**Az.**	109°01'35"	0.279 sec	1 : 771969	1 : 771990
		ΔHt.	-7.303 m	0.005 m		
		ΔElev.	-7.299 m	0.005 m		
		Ellip Dist.	2343.015 m	0.003 m		
PP20	BP28	**Az.**	88°43'55"	0.390 sec	1 : 567774	1 : 568120
		ΔHt.	-3.410 m	0.004 m		
		ΔElev.	-3.441 m	0.004 m		
		Ellip Dist.	1545.272 m	0.003 m		
PP20	BP5	**Az.**	151°59'51"	0.169 sec	1 : 1136116	1 : 1136931
		ΔHt.	-8.652 m	0.005 m		
		ΔElev.	-8.632 m	0.005 m		

		Ellip Dist.	3333.881 m	0.003 m		
PP20	BP6	**Az.**	126°24'08"	0.187 sec	1 : 1078387	1 : 1079503
		ΔHt.	-8.836 m	0.005 m		
		ΔElev.	-8.854 m	0.005 m		
		Ellip Dist.	2989.218 m	0.003 m		
PP20	BP9	**Az.**	148°52'55"	0.346 sec	1 : 560581	1 : 560886
		ΔHt.	-4.028 m	0.004 m		
		ΔElev.	-4.021 m	0.004 m		
		Ellip Dist.	1571.909 m	0.003 m		
PP20	PP19	**Az.**	194°12'32"	0.464 sec	1 : 427612	1 : 427304
		ΔHt.	-0.529 m	0.004 m		
		ΔElev.	-0.504 m	0.004 m		
		Ellip Dist.	1192.551 m	0.003 m		
PP20	PP21	**Az.**	43°58'49"	0.469 sec	1 : 451437	1 : 451028
		ΔHt.	-0.018 m	0.004 m		
		ΔElev.	-0.048 m	0.004 m		
		Ellip Dist.	1135.325 m	0.003 m		
PP20	PP22	**Az.**	98°01'54"	0.167 sec	1 : 1302514	1 : 1303762
		ΔHt.	-6.326 m	0.006 m		
		ΔElev.	-6.389 m	0.006 m		
		Ellip Dist.	3576.537 m	0.003 m		
PP20	PP24	**Az.**	129°26'51"	0.138 sec	1 : 1454183	1 : 1456826
		ΔHt.	-11.322 m	0.008 m		
		ΔElev.	-11.341 m	0.008 m		
		Ellip Dist.	4191.821 m	0.003 m		
PP21	BP11	**Az.**	246°33'26"	0.180 sec	1 : 1250676	1 : 1249130
		ΔHt.	5.932 m	0.005 m		
		ΔElev.	6.009 m	0.005 m		
		Ellip Dist.	3354.707 m	0.003 m		
PP21	BP12	**Az.**	259°39'41"	0.121 sec	1 : 1937810	1 : 1936423
		ΔHt.	12.507 m	0.006 m		
		ΔElev.	12.601 m	0.006 m		
		Ellip Dist.	5117.541 m	0.003 m		
PP21	BP28	**Az.**	135°58'53"	0.485 sec	1 : 410801	1 : 411281
		ΔHt.	-3.392 m	0.004 m		
		ΔElev.	-3.393 m	0.004 m		

		Ellip Dist.	1088.584 m	0.003 m		
PP21	BP5	**Az.**	168°19'55"	0.135 sec	1 : 1410417	1 : 1410724
		ΔHt.	-8.634 m	0.005 m		
		ΔElev.	-8.584 m	0.005 m		
		Ellip Dist.	3839.945 m	0.003 m		
PP21	BP6	**Az.**	148°01'38"	0.164 sec	1 : 1179558	1 : 1180307
		ΔHt.	-8.818 m	0.005 m		
		ΔElev.	-8.806 m	0.005 m		
		Ellip Dist.	3054.384 m	0.003 m		
PP21	BP8	**Az.**	241°51'50"	0.113 sec	1 : 1964112	1 : 1962030
		ΔHt.	7.604 m	0.005 m		
		ΔElev.	7.703 m	0.005 m		
		Ellip Dist.	4540.255 m	0.002 m		
PP21	BP9	**Az.**	179°22'09"	0.231 sec	1 : 839463	1 : 839201
		ΔHt.	-4.010 m	0.005 m		
		ΔElev.	-3.973 m	0.005 m		
		Ellip Dist.	2162.805 m	0.003 m		
PP21	PP11	**Az.**	268°52'13"	0.129 sec	1 : 1884453	1 : 1884358
		ΔHt.	14.349 m	0.006 m		
		ΔElev.	14.438 m	0.006 m		
		Ellip Dist.	5384.886 m	0.003 m		
PP21	PP18	**Az.**	212°39'01"	0.182 sec	1 : 1073622	1 : 1071640
		ΔHt.	-0.291 m	0.006 m		
		ΔElev.	-0.208 m	0.006 m		
		Ellip Dist.	3479.470 m	0.003 m		
PP21	PP19	**Az.**	208°43'30"	0.229 sec	1 : 890656	1 : 889809
		ΔHt.	-0.511 m	0.005 m		
		ΔElev.	-0.457 m	0.005 m		
		Ellip Dist.	2249.800 m	0.003 m		
PP21	PP22	**Az.**	115°33'51"	0.175 sec	1 : 1181273	1 : 1182642
		ΔHt.	-6.308 m	0.006 m		
		ΔElev.	-6.341 m	0.006 m		
		Ellip Dist.	3051.724 m	0.003 m		
PP21	PP23	**Az.**	126°30'32"	0.140 sec	1 : 1518566	1 : 1521738
		ΔHt.	-8.172 m	0.008 m		
		ΔElev.	-8.201 m	0.008 m		
		Ellip Dist.	4833.857 m	0.003 m		

PP21	PP24	Az.	144°52'35"	0.122 sec	1 : 1576392	1 : 1578853
		ΔHt.	-11.304 m	0.008 m		
		ΔElev.	-11.293 m	0.008 m		
		Ellip Dist.	4255.360 m	0.003 m		
PP22	BP5	Az.	218°58'51"	0.190 sec	1 : 1127317	1 : 1126282
		ΔHt.	-2.326 m	0.005 m		
		ΔElev.	-2.243 m	0.005 m		
		Ellip Dist.	3142.885 m	0.003 m		
PP22	BP6	Az.	221°43'35"	0.340 sec	1 : 638824	1 : 638352
		ΔHt.	-2.510 m	0.005 m		
		ΔElev.	-2.465 m	0.005 m		
		Ellip Dist.	1706.776 m	0.003 m		
PP23	BP12	Az.	282°24'02"	0.088 sec	1 : 2672504	1 : 2675143
		ΔHt.	20.679 m	0.009 m		
		ΔElev.	20.803 m	0.009 m		
		Ellip Dist.	9132.000 m	0.003 m		
PP24	BP28	Az.	327°55'15"	0.181 sec	1 : 1064339	1 : 1065825
		ΔHt.	7.912 m	0.008 m		
		ΔElev.	7.900 m	0.008 m		
		Ellip Dist.	3184.320 m	0.003 m		
PP24	BP5	Az.	260°30'12"	0.360 sec	1 : 619380	1 : 619842
		ΔHt.	2.670 m	0.008 m		
		ΔElev.	2.709 m	0.008 m		
		Ellip Dist.	1694.996 m	0.003 m		
PP24	BP6	Az.	316°57'46"	0.454 sec	1 : 431010	1 : 431567
		ΔHt.	2.486 m	0.008 m		
		ΔElev.	2.487 m	0.008 m		
		Ellip Dist.	1217.228 m	0.003 m		
PP24	BP9	Az.	298°32'28"	0.207 sec	1 : 990986	1 : 992765
		ΔHt.	7.294 m	0.008 m		
		ΔElev.	7.320 m	0.008 m		
		Ellip Dist.	2759.494 m	0.003 m		
PP24	PP19	Az.	293°08'36"	0.151 sec	1 : 1380223	1 : 1382855
		ΔHt.	10.793 m	0.008 m		
		ΔElev.	10.836 m	0.008 m		
		Ellip Dist.	3838.040 m	0.003 m		

PP24	PP22	Az.	8°01'48"	0.261 sec	1 : 751759	1 : 751414
		ΔHt.	4.996 m	0.009 m		
		ΔElev.	4.952 m	0.009 m		
		Ellip Dist.	2184.967 m	0.003 m		
PP25	BP1	Az.	160°26'18"	0.086 sec	1 : 2417457	1 : 2419052
		ΔHt.	-12.198 m	0.006 m		
		ΔElev.	-12.164 m	0.006 m		
		Ellip Dist.	6108.629 m	0.003 m		
PP25	BP2	Az.	159°45'11"	0.116 sec	1 : 1793117	1 : 1794185
		ΔHt.	-8.213 m	0.005 m		
		ΔElev.	-8.187 m	0.005 m		
		Ellip Dist.	4574.824 m	0.003 m		
PP25	BP28	Az.	337°34'15"	0.120 sec	1 : 1595866	1 : 1596895
		ΔHt.	9.962 m	0.005 m		
		ΔElev.	9.926 m	0.005 m		
		Ellip Dist.	4438.709 m	0.003 m		
PP25	BP29	Az.	229°51'47"	0.675 sec	1 : 303468	1 : 303428
		ΔHt.	1.423 m	0.004 m		
		ΔElev.	1.442 m	0.004 m		
		Ellip Dist.	743.930 m	0.002 m		
PP25	BP3	Az.	195°21'22"	0.152 sec	1 : 1276467	1 : 1276820
		ΔHt.	-2.017 m	0.005 m		
		ΔElev.	-1.958 m	0.005 m		
		Ellip Dist.	3193.965 m	0.003 m		
PP25	BP4	Az.	232°25'22"	0.237 sec	1 : 837383	1 : 837107
		ΔHt.	1.888 m	0.005 m		
		ΔElev.	1.942 m	0.005 m		
		Ellip Dist.	2139.814 m	0.003 m		
PP25	BP5	Az.	303°54'13"	0.270 sec	1 : 767466	1 : 768540
		ΔHt.	4.720 m	0.005 m		
		ΔElev.	4.736 m	0.005 m		
		Ellip Dist.	2017.117 m	0.003 m		
PP25	BP6	Az.	340°02'39"	0.208 sec	1 : 926875	1 : 927174
		ΔHt.	4.536 m	0.005 m		
		ΔElev.	4.514 m	0.005 m		
		Ellip Dist.	2441.059 m	0.003 m		
PP25	BP9	Az.	318°17'51"	0.142 sec	1 : 1399056	1 : 1400383

		ΔHt.	9.344 m	0.005 m		
		ΔElev.	9.346 m	0.005 m		
		Ellip Dist.	3647.496 m	0.003 m		
PP25	PP19	**Az.**	309°31'12"	0.116 sec	1 : 1760784	1 : 1762896
		ΔHt.	12.843 m	0.005 m		
		ΔElev.	12.863 m	0.005 m		
		Ellip Dist.	4578.115 m	0.003 m		
PP25	PP20	**Az.**	321°29'09"	0.103 sec	1 : 1939124	1 : 1941152
		ΔHt.	13.372 m	0.005 m		
		ΔElev.	13.367 m	0.005 m		
		Ellip Dist.	5200.613 m	0.003 m		
PP25	PP21	**Az.**	333°22'15"	0.085 sec	1 : 2321432	1 : 2323443
		ΔHt.	13.354 m	0.005 m		
		ΔElev.	13.320 m	0.005 m		
		Ellip Dist.	5465.702 m	0.002 m		
PP25	PP22	**Az.**	4°51'03"	0.147 sec	1 : 1314452	1 : 1313702
		ΔHt.	7.046 m	0.006 m		
		ΔElev.	6.979 m	0.006 m		
		Ellip Dist.	3581.173 m	0.003 m		
PP25	PP24	**Az.**	359°54'09"	0.372 sec	1 : 513499	1 : 513486
		ΔHt.	2.050 m	0.008 m		
		ΔElev.	2.027 m	0.008 m		
		Ellip Dist.	1404.805 m	0.003 m		
PP25	PP26	**Az.**	180°49'58"	0.406 sec	1 : 487642	1 : 487918
		ΔHt.	-0.223 m	0.004 m		
		ΔElev.	-0.204 m	0.004 m		
		Ellip Dist.	1271.744 m	0.003 m		
PP25	PP28	**Az.**	215°57'33"	0.094 sec	1 : 2078202	1 : 2077295
		ΔHt.	-0.364 m	0.004 m		
		ΔElev.	-0.272 m	0.004 m		
		Ellip Dist.	4584.706 m	0.002 m		
PP25	PP29	**Az.**	153°08'39"	0.127 sec	1 : 1650892	1 : 1652092
		ΔHt.	-0.155 m	0.006 m		
		ΔElev.	-0.143 m	0.006 m		
		Ellip Dist.	4048.186 m	0.002 m		
PP25	PP30	**Az.**	169°35'24"	0.140 sec	1 : 1416217	1 : 1417267
		ΔHt.	-5.116 m	0.006 m		

		ΔElev.	-5.076 m	0.006 m		
		Ellip Dist.	4133.372 m	0.003 m		
PP25	PP31	**Az.**	157°54'04"	0.080 sec	1 : 2702299	1 : 2703588
		ΔHt.	-9.006 m	0.006 m		
		ΔElev.	-8.976 m	0.006 m		
		Ellip Dist.	6743.456 m	0.002 m		
PP26	BP1	**Az.**	155°17'15"	0.120 sec	1 : 1773198	1 : 1774245
		ΔHt.	-11.975 m	0.006 m		
		ΔElev.	-11.961 m	0.006 m		
		Ellip Dist.	4936.538 m	0.003 m		
PP26	BP2	**Az.**	152°03'52"	0.174 sec	1 : 1229174	1 : 1229837
		ΔHt.	-7.990 m	0.004 m		
		ΔElev.	-7.984 m	0.004 m		
		Ellip Dist.	3418.919 m	0.003 m		
PP27	BP7	**Az.**	329°29'14"	0.140 sec	1 : 1442733	1 : 1443118
		ΔHt.	11.435 m	0.006 m		
		ΔElev.	11.419 m	0.006 m		
		Ellip Dist.	4021.472 m	0.003 m		
PP27	PP15	**Az.**	293°13'34"	0.081 sec	1 : 2621609	1 : 2622878
		ΔHt.	21.195 m	0.005 m		
		ΔElev.	21.205 m	0.005 m		
		Ellip Dist.	6687.721 m	0.003 m		
PP28	BP1	**Az.**	113°19'56"	0.104 sec	1 : 2145182	1 : 2145085
		ΔHt.	-11.834 m	0.006 m		
		ΔElev.	-11.893 m	0.006 m		
		Ellip Dist.	5160.034 m	0.002 m		
PP28	BP2	**Az.**	97°43'28"	0.124 sec	1 : 1745860	1 : 1745350
		ΔHt.	-7.849 m	0.004 m		
		ΔElev.	-7.916 m	0.004 m		
		Ellip Dist.	4314.693 m	0.002 m		
PP28	BP30	**Az.**	326°43'52"	0.130 sec	1 : 1571894	1 : 1572458
		ΔHt.	11.989 m	0.005 m		
		ΔElev.	11.984 m	0.005 m		
		Ellip Dist.	3921.774 m	0.002 m		
PP28	BP7	**Az.**	335°20'52"	0.094 sec	1 : 2156528	1 : 2157080
		ΔHt.	14.851 m	0.005 m		

		ΔElev.	14.826 m	0.005 m		
		Ellip Dist.	5359.498 m	0.002 m		
PP28	PP14	**Az.**	319°25'14"	0.080 sec	1 : 2485452	1 : 2488317
		ΔHt.	23.315 m	0.005 m		
		ΔElev.	23.304 m	0.005 m		
		Ellip Dist.	7506.383 m	0.003 m		
PP28	PP15	**Az.**	302°32'01"	0.061 sec	1 : 3453487	1 : 3455041
		ΔHt.	24.611 m	0.005 m		
		ΔElev.	24.612 m	0.005 m		
		Ellip Dist.	7519.403 m	0.002 m		
PP28	PP16	**Az.**	336°01'22"	0.164 sec	1 : 1205265	1 : 1205592
		ΔHt.	8.949 m	0.005 m		
		ΔElev.	8.939 m	0.005 m		
		Ellip Dist.	3087.678 m	0.003 m		
PP28	PP17	**Az.**	352°44'11"	0.133 sec	1 : 1444033	1 : 1444050
		ΔHt.	8.679 m	0.004 m		
		ΔElev.	8.644 m	0.004 m		
		Ellip Dist.	3889.113 m	0.003 m		
PP28	PP26	**Az.**	47°36'27"	0.141 sec	1 : 1374412	1 : 1373769
		ΔHt.	0.141 m	0.004 m		
		ΔElev.	0.068 m	0.004 m		
		Ellip Dist.	3619.310 m	0.003 m		
PP28	PP27	**Az.**	352°09'21"	0.353 sec	1 : 558360	1 : 558438
		ΔHt.	3.416 m	0.004 m		
		ΔElev.	3.407 m	0.004 m		
		Ellip Dist.	1419.685 m	0.003 m		
PP28	PP29	**Az.**	88°43'26"	0.114 sec	1 : 1867944	1 : 1866517
		ΔHt.	0.209 m	0.005 m		
		ΔElev.	0.129 m	0.005 m		
		Ellip Dist.	4522.034 m	0.002 m		
PP28	PP30	**Az.**	95°51'59"	0.176 sec	1 : 1283376	1 : 1282577
		ΔHt.	-4.752 m	0.005 m		
		ΔElev.	-4.804 m	0.005 m		
		Ellip Dist.	3457.255 m	0.003 m		
PP29	BP1	**Az.**	174°14'40"	0.256 sec	1 : 793624	1 : 793386
		ΔHt.	-12.043 m	0.006 m		
		ΔElev.	-12.021 m	0.006 m		

		Ellip Dist.	2155.380 m	0.003 m		
PP29	BP2	**Az.**	199°51'04"	0.748 sec	1 : 261585	1 : 261072
		ΔHt.	-8.058 m	0.005 m		
		ΔElev.	-8.044 m	0.005 m		
		Ellip Dist.	723.518 m	0.003 m		
PP29	PP26	**Az.**	321°43'20"	0.197 sec	1 : 1107664	1 : 1108275
		ΔHt.	-0.068 m	0.005 m		
		ΔElev.	-0.061 m	0.005 m		
		Ellip Dist.	2981.228 m	0.003 m		
PP3	BP17	**Az.**	126°33'57"	0.083 sec	1 : 2358102	1 : 2361263
		ΔHt.	-23.650 m	0.006 m		
		ΔElev.	-23.634 m	0.006 m		
		Ellip Dist.	7373.698 m	0.003 m		
PP3	BP18	**Az.**	127°07'21"	0.116 sec	1 : 1584643	1 : 1587039
		ΔHt.	-18.185 m	0.006 m		
		ΔElev.	-18.173 m	0.006 m		
		Ellip Dist.	5243.551 m	0.003 m		
PP3	BP19	**Az.**	123°45'25"	0.293 sec	1 : 723988	1 : 724258
		ΔHt.	-7.263 m	0.005 m		
		ΔElev.	-7.258 m	0.005 m		
		Ellip Dist.	2079.352 m	0.003 m		
PP3	BP20	**Az.**	136°39'52"	0.124 sec	1 : 1632953	1 : 1633827
		ΔHt.	-12.459 m	0.005 m		
		ΔElev.	-12.449 m	0.005 m		
		Ellip Dist.	4178.399 m	0.003 m		
PP3	BP21	**Az.**	115°00'03"	0.159 sec	1 : 1354032	1 : 1354441
		ΔHt.	-12.693 m	0.005 m		
		ΔElev.	-12.686 m	0.005 m		
		Ellip Dist.	4076.829 m	0.003 m		
PP3	BP22	**Az.**	146°30'54"	0.210 sec	1 : 1007889	1 : 1008391
		ΔHt.	-8.688 m	0.005 m		
		ΔElev.	-8.680 m	0.005 m		
		Ellip Dist.	2905.970 m	0.003 m		
PP3	BP23	**Az.**	129°49'05"	0.071 sec	1 : 2664027	1 : 2669135
		ΔHt.	-27.115 m	0.006 m		
		ΔElev.	-27.099 m	0.006 m		

		Ellip Dist.	9008.719 m	0.003 m		
PP3	PP1	**Az.**	175°55'59"	0.309 sec	1 : 652607	1 : 652938
		ΔHt.	-2.732 m	0.005 m		
		ΔElev.	-2.726 m	0.005 m		
		Ellip Dist.	2080.847 m	0.003 m		
PP3	PP2	**Az.**	178°52'25"	0.600 sec	1 : 336210	1 : 336261
		ΔHt.	-3.767 m	0.005 m		
		ΔElev.	-3.763 m	0.005 m		
		Ellip Dist.	1002.582 m	0.003 m		
PP3	PP4	**Az.**	128°19'16"	0.212 sec	1 : 994941	1 : 995340
		ΔHt.	-11.069 m	0.005 m		
		ΔElev.	-11.062 m	0.005 m		
		Ellip Dist.	2848.419 m	0.003 m		
PP3	PP5	**Az.**	115°31'07"	0.098 sec	1 : 1997476	1 : 2001713
		ΔHt.	-18.365 m	0.006 m		
		ΔElev.	-18.352 m	0.006 m		
		Ellip Dist.	6634.863 m	0.003 m		
PP3	PP6	**Az.**	130°32'27"	0.102 sec	1 : 1900622	1 : 1903140
		ΔHt.	-18.264 m	0.006 m		
		ΔElev.	-18.251 m	0.006 m		
		Ellip Dist.	6036.042 m	0.003 m		
PP3	PP7	**Az.**	120°02'35"	0.075 sec	1 : 2604215	1 : 2608529
		ΔHt.	-25.559 m	0.006 m		
		ΔElev.	-25.544 m	0.006 m		
		Ellip Dist.	8314.413 m	0.003 m		
PP30	BP1	**Az.**	142°28'50"	0.302 sec	1 : 733147	1 : 733515
		ΔHt.	-7.082 m	0.006 m		
		ΔElev.	-7.089 m	0.006 m		
		Ellip Dist.	2131.771 m	0.003 m		
PP30	BP2	**Az.**	105°10'40"	0.745 sec	1 : 303362	1 : 303405
		ΔHt.	-3.098 m	0.005 m		
		ΔElev.	-3.112 m	0.005 m		
		Ellip Dist.	866.538 m	0.003 m		
PP30	PP26	**Az.**	344°41'02"	0.218 sec	1 : 934492	1 : 935130
		ΔHt.	4.892 m	0.005 m		
		ΔElev.	4.872 m	0.005 m		
		Ellip Dist.	2896.664 m	0.003 m		

PP30	PP29	**Az.**	67°15'01"	0.516 sec	1 : 393007	1 : 391877
		ΔHt.	4.961 m	0.006 m		
		ΔElev.	4.933 m	0.006 m		
		Ellip Dist.	1173.194 m	0.003 m		
PP31	BP1	**Az.**	315°02'19"	0.838 sec	1 : 264380	1 : 264372
		ΔHt.	-3.192 m	0.005 m		
		ΔElev.	-3.189 m	0.005 m		
		Ellip Dist.	695.526 m	0.003 m		
PP31	BP2	**Az.**	334°01'15"	0.271 sec	1 : 805285	1 : 805672
		ΔHt.	0.793 m	0.005 m		
		ΔElev.	0.788 m	0.005 m		
		Ellip Dist.	2176.048 m	0.003 m		
PP31	BP3	**Az.**	313°08'19"	0.127 sec	1 : 1784555	1 : 1784291
		ΔHt.	6.989 m	0.006 m		
		ΔElev.	7.018 m	0.006 m		
		Ellip Dist.	4634.641 m	0.003 m		
PP31	PP26	**Az.**	332°50'04"	0.109 sec	1 : 2016834	1 : 2017673
		ΔHt.	8.783 m	0.006 m		
		ΔElev.	8.772 m	0.006 m		
		Ellip Dist.	5594.204 m	0.003 m		
PP31	PP28	**Az.**	295°53'48"	0.092 sec	1 : 2375041	1 : 2374018
		ΔHt.	8.642 m	0.006 m		
		ΔElev.	8.704 m	0.006 m		
		Ellip Dist.	5812.060 m	0.002 m		
PP31	PP29	**Az.**	344°58'49"	0.210 sec	1 : 1020877	1 : 1021028
		ΔHt.	8.851 m	0.006 m		
		ΔElev.	8.833 m	0.006 m		
		Ellip Dist.	2729.937 m	0.003 m		
PP31	PP30	**Az.**	320°39'36"	0.233 sec	1 : 965298	1 : 965785
		ΔHt.	3.890 m	0.006 m		
		ΔElev.	3.900 m	0.006 m		
		Ellip Dist.	2822.863 m	0.003 m		
PP4	BP20	**Az.**	153°34'52"	0.409 sec	1 : 506396	1 : 506577
		ΔHt.	-1.390 m	0.004 m		
		ΔElev.	-1.387 m	0.004 m		
		Ellip Dist.	1421.543 m	0.003 m		

PP4	BP21	Az.	88°19'04"	0.451 sec	1 : 467333	1 : 467113
		ΔHt.	-1.624 m	0.004 m		
		ΔElev.	-1.624 m	0.004 m		
		Ellip Dist.	1460.755 m	0.003 m		
PP4	BP22	Az.	223°51'26"	0.671 sec	1 : 295474	1 : 295491
		ΔHt.	2.382 m	0.004 m		
		ΔElev.	2.383 m	0.004 m		
		Ellip Dist.	911.579 m	0.003 m		
PP4	PP1	Az.	261°34'53"	0.322 sec	1 : 648366	1 : 648329
		ΔHt.	8.337 m	0.005 m		
		ΔElev.	8.336 m	0.005 m		
		Ellip Dist.	2109.956 m	0.003 m		
PP5	BP17	Az.	182°28'12"	0.415 sec	1 : 478553	1 : 478553
		ΔHt.	-5.284 m	0.005 m		
		ΔElev.	-5.282 m	0.005 m		
		Ellip Dist.	1535.893 m	0.003 m		
PP5	BP18	Az.	260°24'52"	0.385 sec	1 : 577115	1 : 578200
		ΔHt.	0.180 m	0.006 m		
		ΔElev.	0.179 m	0.006 m		
		Ellip Dist.	1832.443 m	0.003 m		
PP5	BP20	Az.	266°43'08"	0.205 sec	1 : 1065202	1 : 1066703
		ΔHt.	5.906 m	0.005 m		
		ΔElev.	5.903 m	0.005 m		
		Ellip Dist.	3125.331 m	0.003 m		
PP5	BP23	Az.	162°16'54"	0.212 sec	1 : 869939	1 : 870618
		ΔHt.	-8.750 m	0.005 m		
		ΔElev.	-8.747 m	0.005 m		
		Ellip Dist.	3055.943 m	0.004 m		
PP5	PP7	Az.	137°11'20"	0.354 sec	1 : 525875	1 : 526945
		ΔHt.	-7.193 m	0.005 m		
		ΔElev.	-7.192 m	0.005 m		
		Ellip Dist.	1778.962 m	0.003 m		
PP6	BP17	Az.	109°23'53"	0.438 sec	1 : 463454	1 : 464130
		ΔHt.	-5.386 m	0.005 m		
		ΔElev.	-5.383 m	0.005 m		
		Ellip Dist.	1415.441 m	0.003 m		
PP6	BP18	Az.	331°52'13"	0.713 sec	1 : 261316	1 : 261155

		ΔHt.	0.078 m	0.005 m		
		ΔElev.	0.078 m	0.005 m		
		Ellip Dist.	860.619 m	0.003 m		
PP6	BP20	**Az.**	297°14'24"	0.301 sec	1 : 666693	1 : 667590
		ΔHt.	5.804 m	0.005 m		
		ΔElev.	5.802 m	0.005 m		
		Ellip Dist.	1933.563 m	0.003 m		
PP6	BP23	**Az.**	128°22'41"	0.214 sec	1 : 884899	1 : 886694
		ΔHt.	-8.851 m	0.005 m		
		ΔElev.	-8.849 m	0.005 m		
		Ellip Dist.	2974.133 m	0.003 m		
PP6	PP5	**Az.**	52°46'36"	0.391 sec	1 : 582292	1 : 582112
		ΔHt.	-0.102 m	0.005 m		
		ΔElev.	-0.101 m	0.005 m		
		Ellip Dist.	1759.498 m	0.003 m		
PP6	PP7	**Az.**	95°15'52"	0.249 sec	1 : 848463	1 : 849771
		ΔHt.	-7.295 m	0.005 m		
		ΔElev.	-7.293 m	0.005 m		
		Ellip Dist.	2621.255 m	0.003 m		
PP7	BP17	**Az.**	259°48'28"	0.501 sec	1 : 435299	1 : 435634
		ΔHt.	1.909 m	0.005 m		
		ΔElev.	1.910 m	0.005 m		
		Ellip Dist.	1295.615 m	0.003 m		
PP7	BP18	**Az.**	288°21'01"	0.202 sec	1 : 950149	1 : 952196
		ΔHt.	7.373 m	0.006 m		
		ΔElev.	7.371 m	0.006 m		
		Ellip Dist.	3177.251 m	0.003 m		
PP7	BP20	**Az.**	284°35'19"	0.135 sec	1 : 1525390	1 : 1527672
		ΔHt.	13.099 m	0.006 m		
		ΔElev.	13.095 m	0.006 m		
		Ellip Dist.	4473.238 m	0.003 m		
PP7	BP23	**Az.**	189°51'36"	0.405 sec	1 : 504482	1 : 503979
		ΔHt.	-1.556 m	0.005 m		
		ΔElev.	-1.555 m	0.005 m		
		Ellip Dist.	1629.979 m	0.003 m		
PP8	BP13	**Az.**	126°58'57"	0.099 sec	1 : 2085246	1 : 2086931
		ΔHt.	-17.328 m	0.005 m		

		ΔElev.	-17.308 m	0.005 m		
		Ellip Dist.	4853.595 m	0.002 m		
PP8	BP14	Az.	134°39'36"	0.271 sec	1 : 759957	1 : 760299
		ΔHt.	-6.918 m	0.005 m		
		ΔElev.	-6.912 m	0.005 m		
		Ellip Dist.	1788.136 m	0.002 m		
PP8	BP17	Az.	325°50'07"	0.208 sec	1 : 908411	1 : 909177
		ΔHt.	5.417 m	0.005 m		
		ΔElev.	5.415 m	0.005 m		
		Ellip Dist.	2676.740 m	0.003 m		
PP8	BP18	Az.	316°43'08"	0.120 sec	1 : 1479595	1 : 1481187
		ΔHt.	10.881 m	0.006 m		
		ΔElev.	10.877 m	0.006 m		
		Ellip Dist.	4731.307 m	0.003 m		
PP8	BP20	Az.	308°04'55"	0.088 sec	1 : 2276550	1 : 2279227
		ΔHt.	16.607 m	0.005 m		
		ΔElev.	16.600 m	0.005 m		
		Ellip Dist.	5789.407 m	0.003 m		
PP8	BP23	Az.	328°49'17"	0.586 sec	1 : 314015	1 : 314309
		ΔHt.	1.951 m	0.005 m		
		ΔElev.	1.950 m	0.005 m		
		Ellip Dist.	979.642 m	0.003 m		
PP8	BP25	Az.	102°09'43"	0.141 sec	1 : 1511721	1 : 1512802
		ΔHt.	-11.289 m	0.005 m		
		ΔElev.	-11.285 m	0.005 m		
		Ellip Dist.	3439.764 m	0.002 m		
PP8	PP15	Az.	141°44'04"	0.092 sec	1 : 2185682	1 : 2187103
		ΔHt.	-15.320 m	0.005 m		
		ΔElev.	-15.295 m	0.005 m		
		Ellip Dist.	4784.687 m	0.002 m		
PP8	PP5	Az.	339°01'57"	0.146 sec	1 : 1260879	1 : 1262005
		ΔHt.	10.701 m	0.005 m		
		ΔElev.	10.697 m	0.005 m		
		Ellip Dist.	4015.131 m	0.003 m		
PP8	PP6	Az.	313°24'54"	0.145 sec	1 : 1307919	1 : 1309995
		ΔHt.	10.802 m	0.005 m		

		ΔElev.	10.799 m	0.005 m		
		Ellip Dist.	3907.164 m	0.003 m		
PP8	PP7	**Az.**	354°40'12"	0.236 sec	1 : 825281	1 : 825015
		ΔHt.	3.507 m	0.006 m		
		ΔElev.	3.505 m	0.006 m		
		Ellip Dist.	2454.650 m	0.003 m		
PP8	PP9	**Az.**	140°53'22"	0.168 sec	1 : 1150015	1 : 1151058
		ΔHt.	-9.378 m	0.005 m		
		ΔElev.	-9.366 m	0.005 m		
		Ellip Dist.	2778.648 m	0.002 m		
PP9	BP13	**Az.**	109°47'06"	0.229 sec	1 : 915587	1 : 916393
		ΔHt.	-7.950 m	0.006 m		
		ΔElev.	-7.942 m	0.006 m		
		Ellip Dist.	2257.444 m	0.002 m		
PP9	BP14	**Az.**	331°52'09"	0.499 sec	1 : 397043	1 : 397227
		ΔHt.	2.460 m	0.005 m		
		ΔElev.	2.454 m	0.005 m		
		Ellip Dist.	1019.702 m	0.003 m		
PP9	PP15	**Az.**	142°54'53"	0.234 sec	1 : 833489	1 : 834010
		ΔHt.	-5.942 m	0.005 m		
		ΔElev.	-5.929 m	0.005 m		
		Ellip Dist.	2006.759 m	0.002 m		

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