

SC V10-70 Copyright © Trimble Navigation Ltd, 1996-2003
Serial no 2231 24-May-10 13:58
Angle Degrees Dist US Feet Press inch Hg
Temp Fahrenheit Coord N-E-Elv H.obs Right

JOB Job ID BMI SOUTH VERIFY
Atmos crn No C and R crn Yes Refrac cnst 0.20
Elev Yes Sea level crn No

NOTE TS Time Date 06/12/2009 Time 20:59:47

COGO NM Azmth From North Dir North-East

SITE TM Prj Lat 36°03'01.84216"N Nrth Offset 0.000
Prj Lng 114°59'53.92840"W East Offset 0.000
Prj Hgt 1648.363 Scale 1.0000786812

SHFTGRD TM File name <no text>

PROJ TM Transverse Mercator
Orig Lat 36°03'01.84216"N Orig Nrth 18483.918
Orig Lng 114°59'53.92840"W Orig East 19186.597
Orig Hgt 0.000 Orig Elev 0.000
Orient 1 0°00'00" Orient 2 0°00'00"
Scale 1.0000000000

COORD NM System Name Projection from data collector
Zone Name Zone from data collector
Datum Name (WGS 84)
Coord System Option Chosen from library

LOCELL TM Local Rad 20925604.474 Flat. 298.2572229329

DATUM TM Molodensky
Srce Rad 20925604.474 Srce Flat 298.2572235630
Rotn X 0°00'00" Rotn Y 0°00'00"
Rotn Z 0°00'00" Trans X 0.000
Trans Y 0.000 Trans Z 0.000
Scale 0.00000000

COGO NM Azmth From North Dir North-East

PLANE TM Orig Nrth 18728.937 Orig East 15068.999
Trans N -24.769 Trans E -1.419
Rotation -0°20'39.273751" Scale 1.00000000

HGTADJ TM Inclined Plane
Orig Nrth 18483.893 Slope N -1.180
Orig East 19186.576 Slope E 4.045
Hgt Const 95.308
Geoid <no text>

COORD NM System Name <no text>
Zone Name <no text>
Datum Name <no text>
Coord System Option Keyed in

NOTE TS Time Date 08/11/2009 Time 10:36:07

F FILE FC File Used No
ID 00000 Name

NOTE TS Time Date 01/08/2010 Time 14:52:28

NOTE TS Time Date 01/08/2010 Time 15:46:12

NOTE TS Time Date 01/08/2010 Time 18:28:18

NOTE TS Time Date 01/08/2010 Time 19:00:15

NOTE TS Time Date 01/09/2010 Time 16:10:07

NOTE TS Time Date 01/09/2010 Time 17:19:57

NOTE TS Time Date 05/05/2010 Time 05:19:29

NOTE TS Time Date 05/08/2010 Time 11:55:18

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY EVENTKISurvey event Rover survey started

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS SI Point ID 60000 Lat 36°03'20.28840"N Lng 115°01'24.44658"W
Class Control Hgt 1657.677 Code NEW BASE_1_7_10
Obs User Input H.pr <null> V.pr <null>

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS FD Point ID 60000 Lat 36°03'20.28840"N Lng 115°01'24.44658"W
Class Control Hgt 1657.677 Code NEW BASE_1_7_10
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver SPS851 Serial no <no text>
Antenna Zephyr - Model 2
Meas To Antenna Phase Center
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.000

NOTE NM Receiver firmware version=0.000

GPSANT KI Antenna ht 5.151 Measuremt True

GPSREF KI Reference 60000

INIT KI Init event Gained Week 1582
Init type On the fly seconds 587287.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H.Dist <null>
Plate V.Dist <null> Plate azimuth <null>

EQUIP NM Receiver R8-2 Serial no 4906165952
Antenna R8 Model 2/SPS88x Internal
Meas To Bottom of antenna mount
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.213

NOTE NM Receiver firmware version=4.120

GPSANT KI Antenna ht 6.890 Measuremt Uncorrected

GPSVEC SO Point ID 580046 DX 2051.412 DY -3142.204
Class Stake out DZ -2683.291 Code 80046
Obs L1 Fixed H.pr 0.023 V.pr 0.029

GPSQC1 NM Min SVs 10 PDOP max 1.5
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.2
Monitor status Not monitored RMS 10.9
Horz SD Vert SD
Start wk 1582 sec 587474.0 End wk 1582 sec 587479.0

GPSQC2 NM Ttl satellites 10 Err Scale 0.0077459668
VCV xx 0.0000408572 VCV xy 0.0000320373
VCV xz -0.0000309876 VCV yy 0.0000619418
VCV yz -0.0000340608 VCV zz 0.0001097229

PT DGN SO Name 80046 To the Point

GRID D SO Delta N 0.031 Delta E -0.121
Delta Elv -0.006

GPSVEC TP Point ID 3000000 DX 2052.995 DY -3138.912
Class Normal DZ -2677.494 Code LINER
Obs L1 Fixed H.pr 0.022 V.pr 0.029

GPSQC1 NM Min SVs 10 PDOP max 1.5
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.2
Monitor status Not monitored RMS 12.1
Horz SD Vert SD
Start wk 1582 sec 587614.8 End wk 1582 sec 587619.8

GPSQC2 NM Ttl satellites 10 Err Scale 0.0077459668
VCV xx 0.0000387567 VCV xy 0.0000305638
VCV xz -0.0000291088 VCV yy 0.000059817
VCV yz -0.0000314561 VCV zz 0.0001018362

GPSVEC SO Point ID 580047 DX 2006.713 DY -3120.333
Class Stake out DZ -2682.840 Code 80047
Obs L1 Fixed H.pr 0.023 V.pr 0.032

GPSQC1 NM Min SVs 10 PDOP max 1.6
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.3
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1582 sec 588212.4 End wk 1582 sec 588217.4

GPSQC2 NM Ttl satellites 10 Err Scale 0.0077920314
VCV xx 0.000057156 VCV xy 0.0000486139
VCV xz -0.000036712 VCV yy 0.0000863784
VCV yz -0.000034519 VCV zz 0.0000946897

PT DGN SO Name 80047 To the Point

GRID D SO Delta N 0.643 Delta E 0.063
Delta Elv -0.139

GPSVEC SO Point ID 580001 DX 2008.241 DY -3118.377
Class Stake out DZ -2675.747 Code 80001
Obs L1 Fixed H.pr 0.024 V.pr 0.032

GPSQC1 NM Min SVs 10 PDOP max 1.6
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.3
Monitor status Not monitored RMS 13.8
Horz SD Vert SD
Start wk 1582 sec 588287.6 End wk 1582 sec 588292.6

GPSQC2 NM Ttl satellites 10 Err Scale 0.0078818053
VCV xx 0.0000584066 VCV xy 0.0000499782
VCV xz -0.0000369269 VCV yy 0.0000895331
VCV yz -0.0000344134 VCV zz 0.0000945646

PT DGN SO Name 80001 To the Point

GRID D SO Delta N 0.034 Delta E -0.197
Delta Elv -0.050

NOTE TS Time Date 05/08/2010 Time 12:26:14

GPSVEC	SO	Point ID 580002	DX	1966.829	DY	-3097.283
		Class Stake out	DZ	-2674.128	Code	80002
		Obs L1 Fixed	H.pr	0.024	V.pr	0.032
GPSQC1	NM	Min SVs 10		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 7		VDOP max	1.3	
		Monitor status Not monitored		RMS	13.7	
		Horz SD		Vert SD		
		Start wk 1582 sec 588381.4		End wk 1582 sec 588387.2		
GPSQC2	NM	Ttl satellites 10		Err Scale	0.0078237802	
		VCV xx 0.0000576396		VCV xy	0.0000497148	
		VCV xz -0.0000357407		VCV yy	0.0000900345	
		VCV yz -0.0000329426		VCV zz	0.0000908309	
PT DGN	SO	Name 80002		To the Point		
GRID D	SO	Delta N 0.321		Delta E	-0.015	
		Delta Elv -0.056				
GPSVEC	SO	Point ID 580048	DX	1965.481	DY	-3099.229
		Class Stake out	DZ	-2680.658	Code	80048
		Obs L1 Fixed	H.pr	0.024	V.pr	0.032
GPSQC1	NM	Min SVs 10		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	15.5	
		Horz SD		Vert SD		
		Start wk 1582 sec 588444.0		End wk 1582 sec 588449.0		
GPSQC2	NM	Ttl satellites 10		Err Scale	0.0078969523	
		VCV xx 0.0000579919		VCV xy	0.0000502862	
		VCV xz -0.0000355172		VCV yy	0.0000917112	
		VCV yz -0.0000325239		VCV zz	0.0000898064	
PT DGN	SO	Name 80048		To the Point		
GRID D	SO	Delta N -0.010		Delta E	0.026	
		Delta Elv -0.151				
GPSVEC	SO	Point ID 580049	DX	1936.773	DY	-3084.880
		Class Stake out	DZ	-2679.358	Code	80049
		Obs L1 Fixed	H.pr	0.021	V.pr	0.028
GPSQC1	NM	Min SVs 10		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	13.1	
		Horz SD		Vert SD		
		Start wk 1582 sec 588529.6		End wk 1582 sec 588534.6		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000481247		VCV xy	0.0000440055	
		VCV xz -0.0000212186		VCV yy	0.0000836534	
		VCV yz -0.0000242952		VCV zz	0.0000545814	
PT DGN	SO	Name 80049		To the Point		
GRID D	SO	Delta N 0.085		Delta E	0.052	
		Delta Elv -0.123				
GPSVEC	SO	Point ID 580003	DX	1938.725	DY	-3082.583
		Class Stake out	DZ	-2672.012	Code	80003
		Obs L1 Fixed	H.pr	0.021	V.pr	0.028
GPSQC1	NM	Min SVs 11		PDOP max	1.4	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 7		VDOP max	1.1	
		Monitor status Not monitored		RMS	14.8	
		Horz SD		Vert SD		
		Start wk 1582 sec 588646.2		End wk 1582 sec 588652.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.000048024		VCV xy	0.0000445874	
		VCV xz -0.0000206228		VCV yy	0.000085586	
		VCV yz -0.0000238825		VCV zz	0.000052374	
PT DGN	SO	Name 80003		To the Point		
GRID D	SO	Delta N 0.109		Delta E	-0.349	
		Delta Elv -0.047				
GPSVEC	SO	Point ID 580004	DX	1901.009	DY	-3063.934
		Class Stake out	DZ	-2670.334	Code	80004
		Obs L1 Fixed	H.pr	0.020	V.pr	0.028
GPSQC1	NM	Min SVs 11		PDOP max	1.4	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 7		VDOP max	1.1	
		Monitor status Not monitored		RMS	11.1	
		Horz SD		Vert SD		
		Start wk 1582 sec 588853.8		End wk 1582 sec 588859.6		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000471656		VCV xy	0.0000450577	
		VCV xz -0.0000191829		VCV yy	0.0000880093	
		VCV yz -0.0000229776		VCV zz	0.0000476686	
PT DGN	SO	Name 80004		To the Point		

GRID D	SO	Delta N	0.289	Delta E	0.103
		Delta Elv	-0.089		
GPSVEC	SO	Point ID 580050	DX 1899.606	DY -3066.167	
		Class Stake out	DZ -2677.831	Code 80050	
		Obs L1 Fixed	H.pr 0.020	V.pr 0.028	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	11.1
		Horz SD		Vert SD	
		Start wk 1582 sec 588906.6		End wk 1582 sec 588911.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000478	VCV xy	0.0000459867
		VCV xz	-0.0000191919	VCV yy	0.0000901926
		VCV yz	-0.0000232071	VCV zz	0.0000474357
PT DGN	SO	Name	80050	To the Point	
GRID D	SO	Delta N	0.123	Delta E	0.072
		Delta Elv	-0.087		
GPSVEC	SO	Point ID 580051	DX 1839.427	DY -3035.283	
		Class Stake out	DZ -2675.421	Code 80051	
		Obs L1 Fixed	H.pr 0.020	V.pr 0.028	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	11.1
		Horz SD		Vert SD	
		Start wk 1582 sec 588985.8		End wk 1582 sec 588991.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000476173	VCV xy	0.0000472029
		VCV xz	-0.0000180459	VCV yy	0.0000900041
		VCV yz	-0.0000210089	VCV zz	0.0000438002
PT DGN	SO	Name	80051	To the Point	
GRID D	SO	Delta N	-0.005	Delta E	0.034
		Delta Elv	-0.033		
GPSVEC	SO	Point ID 580005	DX 1842.063	DY -3033.833	
		Class Stake out	DZ -2668.368	Code 80005	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.028	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	13.9
		Horz SD		Vert SD	
		Start wk 1582 sec 589039.4		End wk 1582 sec 589045.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000496097	VCV xy	0.0000492704
		VCV xz	-0.0000184552	VCV yy	0.00009468
		VCV yz	-0.0000217397	VCV zz	0.0000450828
PT DGN	SO	Name	80005	To the Point	
GRID D	SO	Delta N	0.380	Delta E	0.138
		Delta Elv	-0.047		
GPSVEC	SO	Point ID 580006	DX 1802.760	DY -3004.692	
		Class Stake out	DZ -2655.152	Code 80006	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.029	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	5	VDOP max	1.2
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk 1582 sec 589105.4		End wk 1582 sec 589110.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000507106	VCV xy	0.000050734
		VCV xz	-0.000018751	VCV yy	0.0000994276
		VCV yz	-0.0000231856	VCV zz	0.0000457113
PT DGN	SO	Name	80006	To the Point	
GRID D	SO	Delta N	0.238	Delta E	-0.077
		Delta Elv	-0.050		
GPSVEC	SO	Point ID 580052	DX 1798.999	DY -3006.000	
		Class Stake out	DZ -2662.994	Code 80052	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.029	
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.2
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk 1582 sec 589150.2		End wk 1582 sec 589156.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000509239	VCV xy	0.0000511935
		VCV xz	-0.0000187487	VCV yy	0.0001010333
		VCV yz	-0.0000236104	VCV zz	0.000045448

PT DGN	SO	Name	80052	To the Point	
GRID D	SO	Delta N	0.062	Delta E	0.121
		Delta Elv	-0.049		
GPSVEC	SO	Point ID 580053	DX 1768.446	DY	-2984.126
		Class Stake out	DZ -2653.560	Code	80053
		Obs L1 Fixed	H.pr 0.021	V.pr	0.029
GPSQC1	NM	Min SVs 11	PDOP max	1.5	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.2	
		Monitor status Not monitored	RMS	11.5	
		Horz SD	Vert SD		
		Start wk 1582 sec 589223.8	End wk 1582	sec 589228.8	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.0000519742	VCV xy	0.0000525228	
		VCV xz -0.0000189131	VCV yy	0.00010285	
		VCV yz -0.0000234399	VCV zz	0.0000450962	
PT DGN	SO	Name	80053	To the Point	
GRID D	SO	Delta N	0.168	Delta E	0.065
		Delta Elv	-0.165		
GPSVEC	SO	Point ID 580007	DX 1775.276	DY	-2983.750
		Class Stake out	DZ -2643.983	Code	80007
		Obs L1 Fixed	H.pr 0.021	V.pr	0.029
GPSQC1	NM	Min SVs 11	PDOP max	1.5	
		Relative DOPs Yes	HDOP max	0.8	
		Total GPS pos 6	VDOP max	1.2	
		Monitor status Not monitored	RMS	14.8	
		Horz SD	Vert SD		
		Start wk 1582 sec 589289.4	End wk 1582	sec 589294.4	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.0000517675	VCV xy	0.000053337	
		VCV xz -0.0000189249	VCV yy	0.0001048091	
		VCV yz -0.0000240388	VCV zz	0.0000435445	
PT DGN	SO	Name	80007	To the Point	
GRID D	SO	Delta N	0.519	Delta E	0.200
		Delta Elv	-0.039		
GPSVEC	SO	Point ID 580008	DX 1744.416	DY	-2958.564
		Class Stake out	DZ -2623.775	Code	80008
		Obs L1 Fixed	H.pr 0.021	V.pr	0.030
GPSQC1	NM	Min SVs 11	PDOP max	1.5	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 7	VDOP max	1.3	
		Monitor status Not monitored	RMS	13.5	
		Horz SD	Vert SD		
		Start wk 1582 sec 589438.0	End wk 1582	sec 589443.8	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.000053694	VCV xy	0.0000557619	
		VCV xz -0.0000190442	VCV yy	0.0001122348	
		VCV yz -0.0000255918	VCV zz	0.0000443285	
PT DGN	SO	Name	80008	To the Point	
GRID D	SO	Delta N	0.837	Delta E	0.012
		Delta Elv	-0.066		
GPSVEC	SO	Point ID 580054	DX 1745.366	DY	-2967.518
		Class Stake out	DZ -2646.018	Code	80054
		Obs L1 Fixed	H.pr 0.022	V.pr	0.031
GPSQC1	NM	Min SVs 11	PDOP max	1.5	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.2	
		Monitor status Not monitored	RMS	12.3	
		Horz SD	Vert SD		
		Start wk 1582 sec 589515.8	End wk 1582	sec 589521.0	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.0000573731	VCV xy	0.0000599106	
		VCV xz -0.000020223	VCV yy	0.0001216016	
		VCV yz -0.0000277871	VCV zz	0.0000467929	
PT DGN	SO	Name	80054	To the Point	
GRID D	SO	Delta N	0.027	Delta E	0.031
		Delta Elv	-0.185		
GPSVEC	SO	Point ID 580055	DX 1698.436	DY	-2942.172
		Class Stake out	DZ -2642.346	Code	80055
		Obs L1 Fixed	H.pr 0.021	V.pr	0.030
GPSQC1	NM	Min SVs 11	PDOP max	1.6	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	15.3	
		Horz SD	Vert SD		
		Start wk 1582 sec 589595.4	End wk 1582	sec 589600.4	

GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000543194	VCV xy 0.0000578466
		VCV xz -0.0000173322	VCV yy 0.0001169324
		VCV yz -0.0000260161	VCV zz 0.0000403298
PT DGN	SO	Name 80055	To the Point
GRID D	SO	Delta N -0.071	Delta E -0.002
		Delta Elv -0.120	
GPSVEC	SO	Point ID 580009	DX 1705.307
		Class Stake out	DZ -2619.329
		Obs L1 Fixed	H.pr 0.022
			DY -2936.758
			Code 80009
			V.pr 0.031
GPSQC1	NM	Min SVs 11	PDOP max 1.5
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 6	VDOP max 1.2
		Monitor status Not monitored	RMS 14.4
		Horz SD	Vert SD
		Start wk 1582 sec 589706.8	End wk 1582 sec 589712.2
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000551237	VCV xy 0.0000586742
		VCV xz -0.0000190629	VCV yy 0.000120363
		VCV yz -0.0000271575	VCV zz 0.0000428426
PT DGN	SO	Name 80009	To the Point
GRID D	SO	Delta N 0.473	Delta E -0.042
		Delta Elv -0.058	
GPSVEC	SO	Point ID 580010	DX 1672.117
		Class Stake out	DZ -2623.484
		Obs L1 Fixed	H.pr 0.022
			DY -2921.660
			Code 80010
			V.pr 0.031
GPSQC1	NM	Min SVs 11	PDOP max 1.5
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 6	VDOP max 1.3
		Monitor status Not monitored	RMS 15.6
		Horz SD	Vert SD
		Start wk 1582 sec 589796.6	End wk 1582 sec 589801.6
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000570941	VCV xy 0.0000610507
		VCV xz -0.0000200171	VCV yy 0.0001261344
		VCV yz -0.0000287119	VCV zz 0.0000440078
PT DGN	SO	Name 80010	To the Point
GRID D	SO	Delta N 0.496	Delta E 0.175
		Delta Elv -0.081	
GPSVEC	SO	Point ID 580056	DX 1660.970
		Class Stake out	DZ -2639.660
		Obs L1 Fixed	H.pr 0.022
			DY -2922.273
			Code 80056
			V.pr 0.032
GPSQC1	NM	Min SVs 11	PDOP max 1.6
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 7	VDOP max 1.3
		Monitor status Not monitored	RMS 12.9
		Horz SD	Vert SD
		Start wk 1582 sec 589863.2	End wk 1582 sec 589869.0
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000581142	VCV xy 0.0000618544
		VCV xz -0.0000199259	VCV yy 0.0001258431
		VCV yz -0.0000292558	VCV zz 0.0000443874
PT DGN	SO	Name 80056	To the Point
GRID D	SO	Delta N -0.022	Delta E 0.172
		Delta Elv -0.120	
GPSVEC	SO	Point ID 580057	DX 1627.248
		Class Stake out	DZ -2637.123
		Obs L1 Fixed	H.pr 0.022
			DY -2903.828
			Code 80057
			V.pr 0.032
GPSQC1	NM	Min SVs 11	PDOP max 1.6
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 6	VDOP max 1.3
		Monitor status Not monitored	RMS 14.0
		Horz SD	Vert SD
		Start wk 1582 sec 589935.8	End wk 1582 sec 589940.8
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000582188	VCV xy 0.0000622442
		VCV xz -0.0000199177	VCV yy 0.0001295167
		VCV yz -0.0000300028	VCV zz 0.0000447614
PT DGN	SO	Name 80057	To the Point
GRID D	SO	Delta N -0.056	Delta E 0.115
		Delta Elv -0.011	
GPSVEC	SO	Point ID 580058	DX 1630.076
		Class Stake out	DZ -2625.500
		Obs L1 Fixed	H.pr 0.022
			DY -2900.252
			Code 80011
			V.pr 0.032

GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.9
		Horz SD		Vert SD	
		Start wk 1582 sec	590002.6	End wk 1582 sec	590008.2
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000577299	VCV xy	0.0000624185
		VCV xz	-0.0000205262	VCV yy	0.000130733
		VCV yz	-0.0000301994	VCV zz	0.0000435112
PT DGN	SO	Name	80011	To the Point	
GRID D	SO	Delta N	-0.093	Delta E	0.088
		Delta Elv	-0.040		
GPSVEC	SO	Point ID 580012		DX 1598.499	DY -2884.839
		Class Stake out		DZ -2624.839	Code 80012
		Obs L1 Fixed		H.pr 0.022	V.pr 0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1582 sec	590056.4	End wk 1582 sec	590061.4
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000582825	VCV xy	0.0000629318
		VCV xz	-0.0000204564	VCV yy	0.0001325226
		VCV yz	-0.0000307981	VCV zz	0.0000441013
PT DGN	SO	Name	80012	To the Point	
GRID D	SO	Delta N	0.436	Delta E	0.089
		Delta Elv	-0.058		
GPSVEC	SO	Point ID 580045		DX 1585.045	DY -2879.205
		Class Stake out		DZ -2626.511	Code 80045
		Obs L1 Fixed		H.pr 0.022	V.pr 0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	15.7
		Horz SD		Vert SD	
		Start wk 1582 sec	590136.6	End wk 1582 sec	590141.6
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000573606	VCV xy	0.0000616634
		VCV xz	-0.0000196283	VCV yy	0.0001309009
		VCV yz	-0.0000308143	VCV zz	0.000043832
PT DGN	SO	Name	80045	To the Point	
GRID D	SO	Delta N	0.532	Delta E	0.066
		Delta Elv	-0.018		
NOTE	TS	Time Date	05/08/2010	Time	12:56:24
GPSVEC	SO	Point ID 580059		DX 1581.165	DY -2880.349
		Class Stake out		DZ -2634.923	Code 80059
		Obs L1 Fixed		H.pr 0.022	V.pr 0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	15.6
		Horz SD		Vert SD	
		Start wk 1582 sec	590192.0	End wk 1582 sec	590198.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000566443	VCV xy	0.0000608368
		VCV xz	-0.0000192914	VCV yy	0.0001297599
		VCV yz	-0.0000307911	VCV zz	0.0000433795
PT DGN	SO	Name	80059	To the Point	
GRID D	SO	Delta N	-0.079	Delta E	0.122
		Delta Elv	-0.147		
GPSVEC	SO	Point ID 580011		DX 1593.437	DY -2885.892
		Class Stake out		DZ -2634.336	Code 80011
		Obs L1 Fixed		H.pr 0.022	V.pr 0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	13.9
		Horz SD		Vert SD	
		Start wk 1582 sec	590258.6	End wk 1582 sec	590263.6
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000566356	VCV xy	0.0000607777
		VCV xz	-0.0000192314	VCV yy	0.0001303182
		VCV yz	-0.0000311932	VCV zz	0.0000434633
PT DGN	SO	Name	80058	To the Point	
GRID D	SO	Delta N	-0.164	Delta E	-0.211
		Delta Elv	0.003		

GPSVEC	TP	Point ID 580060	DX	1566.147	DY	-2864.341
		Class Del stake out	DZ	-2622.715	Code	80060
		Obs L1 Fixed	H.pr	0.022	V.pr	0.032
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	11.7	
		Horz SD		Vert SD		
		Start wk 1582 sec 590328.8		End wk 1582 sec 590333.8		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000567838		VCV xy	0.0000608657	
		VCV xz -0.0000192537		VCV yy	0.0001312264	
		VCV yz -0.0000317185		VCV zz	0.000043699	
PT DGN	TP	Name 80060		To the Point		
GRID D	TP	Delta N -0.185		Delta E	-0.251	
		Delta Elv -0.144				
NOTE	NM	Deleted 12:59:58 PM 5/8/2010				
GPSVEC	SO	Point ID 580060	DX	1565.946	DY	-2864.217
		Class Stake out	DZ	-2622.812	Code	80060
		Obs L1 Fixed	H.pr	0.022	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 5		VDOP max	1.3	
		Monitor status Not monitored		RMS	15.0	
		Horz SD		Vert SD		
		Start wk 1582 sec 590471.6		End wk 1582 sec 590477.4		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000661786		VCV xy	0.0000661062	
		VCV xz -0.0000241063		VCV yy	0.0001256794	
		VCV yz -0.000035618		VCV zz	0.0000456796	
PT DGN	SO	Name 80060		To the Point		
GRID D	SO	Delta N -0.121		Delta E	-0.016	
		Delta Elv -0.064				
GPSVEC	SO	Point ID 580013	DX	1573.022	DY	-2863.670
		Class Stake out	DZ	-2613.994	Code	80013
		Obs L1 Fixed	H.pr	0.021	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	15.6	
		Horz SD		Vert SD		
		Start wk 1582 sec 590533.8		End wk 1582 sec 590539.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000673146		VCV xy	0.0000676215	
		VCV xz -0.0000246238		VCV yy	0.0001252782	
		VCV yz -0.0000371591		VCV zz	0.0000456774	
PT DGN	SO	Name 80013		To the Point		
GRID D	SO	Delta N -0.314		Delta E	0.022	
		Delta Elv -0.071				
GPSVEC	SO	Point ID 580014	DX	1558.840	DY	-2847.713
		Class Stake out	DZ	-2603.366	Code	80014
		Obs L1 Fixed	H.pr	0.022	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 7		VDOP max	1.3	
		Monitor status Not monitored		RMS	12.0	
		Horz SD		Vert SD		
		Start wk 1582 sec 590597.4		End wk 1582 sec 590603.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000667398		VCV xy	0.0000656152	
		VCV xz -0.0000245003		VCV yy	0.0001230393	
		VCV yz -0.0000365465		VCV zz	0.0000461337	
PT DGN	SO	Name 80014		To the Point		
GRID D	SO	Delta N 0.142		Delta E	-0.116	
		Delta Elv -0.064				
GPSVEC	SO	Point ID 580061	DX	1550.820	DY	-2847.451
		Class Stake out	DZ	-2612.304	Code	80061
		Obs L1 Fixed	H.pr	0.021	V.pr	0.032
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	13.2	
		Horz SD		Vert SD		
		Start wk 1582 sec 590685.2		End wk 1582 sec 590690.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000658094		VCV xy	0.0000648446	
		VCV xz -0.0000245989		VCV yy	0.0001232105	
		VCV yz -0.0000364068		VCV zz	0.0000456143	

PT DGN	SO	Name	80061	To the Point	
GRID D	SO	Delta N	0.739	Delta E	0.074
		Delta Elv	-0.055		
GPSVEC	SO	Point ID 580062	DX 1528.514	DY	-2818.058
		Class Stake out	DZ -2590.173	Code	80062
		Obs L1 Fixed	H.pr 0.022	V.pr	0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	13.5
		Horz SD		Vert SD	
		Start wk 1582 sec 590763.2		End wk 1582 sec 590768.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000650172	VCV xy	0.0000633105
		VCV xz	-0.0000238373	VCV yy	0.0001221738
		VCV yz	-0.000036664	VCV zz	0.000046672
PT DGN	SO	Name	80062	To the Point	
GRID D	SO	Delta N	0.322	Delta E	0.120
		Delta Elv	-0.007		
GPSVEC	SO	Point ID 580015	DX 1535.092	DY	-2818.767
		Class Stake out	DZ -2582.723	Code	80015
		Obs L1 Fixed	H.pr 0.021	V.pr	0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	14.4
		Horz SD		Vert SD	
		Start wk 1582 sec 590834.8		End wk 1582 sec 590839.8	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000632008	VCV xy	0.0000609683
		VCV xz	-0.0000229935	VCV yy	0.0001191286
		VCV yz	-0.0000361812	VCV zz	0.0000465287
PT DGN	SO	Name	80015	To the Point	
GRID D	SO	Delta N	0.575	Delta E	0.141
		Delta Elv	-0.022		
GPSVEC	SO	Point ID 580063	DX 1509.498	DY	-2793.268
		Class Stake out	DZ -2572.083	Code	80063
		Obs L1 Fixed	H.pr 0.021	V.pr	0.031
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	13.0
		Horz SD		Vert SD	
		Start wk 1582 sec 590941.2		End wk 1582 sec 590946.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000610328	VCV xy	0.0000579239
		VCV xz	-0.0000223415	VCV yy	0.0001144681
		VCV yz	-0.0000353058	VCV zz	0.0000460601
PT DGN	SO	Name	80063	To the Point	
GRID D	SO	Delta N	0.297	Delta E	0.139
		Delta Elv	-0.048		
GPSVEC	SO	Point ID 580017	DX 1503.495	DY	-2781.422
		Class Stake out	DZ -2558.053	Code	80017
		Obs L1 Fixed	H.pr 0.020	V.pr	0.030
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	11.9
		Horz SD		Vert SD	
		Start wk 1582 sec 591026.8		End wk 1582 sec 591031.8	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000533018	VCV xy	0.0000498209
		VCV xz	-0.0000198093	VCV yy	0.000101862
		VCV yz	-0.0000322521	VCV zz	0.0000448155
PT DGN	SO	Name	80017	To the Point	
GRID D	SO	Delta N	-0.018	Delta E	0.161
		Delta Elv	-0.073		
GPSVEC	SO	Point ID 580018	DX 1505.705	DY	-2756.902
		Class Stake out	DZ -2526.739	Code	80018
		Obs L1 Fixed	H.pr 0.021	V.pr	0.031
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	10.2
		Horz SD		Vert SD	
		Start wk 1582 sec 591125.8		End wk 1582 sec 591131.4	

GPSQC2	NM	Ttl satellites 11		Err Scale 0.0077459668
		VCV xx 0.0000562784		VCV xy 0.0000521866
		VCV xz -0.000020151		VCV yy 0.0001071563
		VCV yz -0.0000343876		VCV zz 0.000046165
PT DGN	SO	Name 80018		To the Point
GRID D	SO	Delta N 0.049		Delta E 0.203
		Delta Elv -0.068		
NOTE	TS	Time Date 05/08/2010 Time 13:31:27		
GPSVEC	SO	Point ID 560290	DX 1857.201	DY -3029.645
		Class Stake out	DZ -2651.446	Code 60290
		Obs L1 Fixed	H.pr 0.019	V.pr 0.026
GPSQC1	NM	Min SVs 12		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.1
		Monitor status Not monitored		RMS 13.0
		Horz SD		Vert SD
		Start wk 1582 sec 592295.6		End wk 1582 sec 592300.6
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000407064		VCV xy 0.0000296697
		VCV xz -0.0000124361		VCV yy 0.0000682377
		VCV yz -0.0000287379		VCV zz 0.0000495431
PT DGN	SO	Name 60290		To the Point
GRID D	SO	Delta N 0.759		Delta E -0.002
		Delta Elv -0.062		
GPSVEC	SO	Point ID 560283	DX 1820.161	DY -3004.549
		Class Stake out	DZ -2640.996	Code 60283
		Obs L1 Fixed	H.pr 0.019	V.pr 0.026
GPSQC1	NM	Min SVs 12		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.0
		Monitor status Not monitored		RMS 11.2
		Horz SD		Vert SD
		Start wk 1582 sec 592392.0		End wk 1582 sec 592397.0
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000396094		VCV xy 0.0000284047
		VCV xz -0.0000119831		VCV yy 0.0000666275
		VCV yz -0.0000290726		VCV zz 0.0000504416
PT DGN	SO	Name 60283		To the Point
GRID D	SO	Delta N 0.623		Delta E -0.080
		Delta Elv -0.057		
GPSVEC	SO	Point ID 560280	DX 1781.503	DY -2982.438
		Class Stake out	DZ -2636.222	Code 60280
		Obs L1 Fixed	H.pr 0.019	V.pr 0.026
GPSQC1	NM	Min SVs 12		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.0
		Monitor status Not monitored		RMS 9.5
		Horz SD		Vert SD
		Start wk 1582 sec 592478.6		End wk 1582 sec 592483.6
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000389159		VCV xy 0.0000274837
		VCV xz -0.0000116628		VCV yy 0.0000654309
		VCV yz -0.0000294591		VCV zz 0.0000515639
PT DGN	SO	Name 60280		To the Point
GRID D	SO	Delta N 0.104		Delta E 0.118
		Delta Elv -0.086		
GPSVEC	SO	Point ID 560274	DX 1746.422	DY -2955.308
		Class Stake out	DZ -2614.656	Code 60274
		Obs L1 Fixed	H.pr 0.019	V.pr 0.026
GPSQC1	NM	Min SVs 12		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 7		VDOP max 1.0
		Monitor status Not monitored		RMS 10.1
		Horz SD		Vert SD
		Start wk 1582 sec 592555.4		End wk 1582 sec 592561.2
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000383171		VCV xy 0.0000266994
		VCV xz -0.000011371		VCV yy 0.0000643972
		VCV yz -0.0000298317		VCV zz 0.0000526682
PT DGN	SO	Name 60274		To the Point
GRID D	SO	Delta N 0.445		Delta E 0.222
		Delta Elv -0.031		
GPSVEC	SO	Point ID 560271	DX 1707.696	DY -2933.683
		Class Stake out	DZ -2609.453	Code 60271
		Obs L1 Fixed	H.pr 0.019	V.pr 0.025

GPSQC1	NM	Min SVs	12	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	9.5
		Horz SD		Vert SD	
		Start wk 1582 sec 592666.0		End wk 1582 sec 592671.0	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000371651	VCV xy	0.0000254087
		VCV xz	-0.0000108837	VCV yy	0.000062475
		VCV yz	-0.0000301813	VCV zz	0.0000538744
PT DGN	SO	Name	60271	To the Point	
GRID D	SO	Delta N	0.655	Delta E	-0.056
		Delta Elv	-0.066		
GPSVEC	SO	Point ID 560266	DX 1668.779	DY	-2911.636
		Class Stake out	DZ -2605.491	Code	60266
		Obs L1 Fixed	H.pr 0.019	V.pr	0.025
GPSQC1	NM	Min SVs	12	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.0
		Monitor status	Not monitored	RMS	11.3
		Horz SD		Vert SD	
		Start wk 1582 sec 592731.8		End wk 1582 sec 592737.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000363551	VCV xy	0.0000245799
		VCV xz	-0.0000105757	VCV yy	0.0000611725
		VCV yz	-0.0000303229	VCV zz	0.000054418
PT DGN	SO	Name	60266	To the Point	
GRID D	SO	Delta N	0.244	Delta E	-0.032
		Delta Elv	-0.004		
GPSVEC	SO	Point ID 560263	DX 1627.533	DY	-2892.424
		Class Stake out	DZ -2613.408	Code	60263
		Obs L1 Fixed	H.pr 0.019	V.pr	0.025
GPSQC1	NM	Min SVs	12	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.0
		Monitor status	Not monitored	RMS	11.4
		Horz SD		Vert SD	
		Start wk 1582 sec 592814.0		End wk 1582 sec 592819.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000359822	VCV xy	0.0000240015
		VCV xz	-0.000010368	VCV yy	0.0000606534
		VCV yz	-0.0000310587	VCV zz	0.0000561152
PT DGN	SO	Name	60263	To the Point	
GRID D	SO	Delta N	0.329	Delta E	0.046
		Delta Elv	-0.077		
GPSVEC	SO	Point ID 560256	DX 1608.495	DY	-2880.742
		Class Stake out	DZ -2610.063	Code	60256
		Obs L1 Fixed	H.pr 0.019	V.pr	0.025
GPSQC1	NM	Min SVs	12	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	10.0
		Horz SD		Vert SD	
		Start wk 1582 sec 592864.4		End wk 1582 sec 592869.4	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000360066	VCV xy	0.0000238281
		VCV xz	-0.0000103028	VCV yy	0.000060785
		VCV yz	-0.0000317623	VCV zz	0.0000576401
PT DGN	SO	Name	60256	To the Point	
GRID D	SO	Delta N	0.330	Delta E	0.032
		Delta Elv	-0.081		
GPSVEC	SO	Point ID 560255	DX 1589.823	DY	-2868.575
		Class Stake out	DZ -2607.435	Code	60255
		Obs L1 Fixed	H.pr 0.019	V.pr	0.025
GPSQC1	NM	Min SVs	12	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	9.8
		Horz SD		Vert SD	
		Start wk 1582 sec 592931.8		End wk 1582 sec 592936.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000354111	VCV xy	0.0000231824
		VCV xz	-0.0000100664	VCV yy	0.0000599452
		VCV yz	-0.0000322001	VCV zz	0.0000586758
PT DGN	SO	Name	60255	To the Point	
GRID D	SO	Delta N	0.467	Delta E	-0.081
		Delta Elv	-0.069		

GPSVEC	SO	Point ID 541108	DX	1567.089	DY	-2836.321
		Class Stake out	DZ	-2581.003	Code	41108
		Obs L1 Fixed	H.pr	0.019	V.pr	0.025
GPSQC1	NM	Min SVs 12		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 5		VDOP max	1.0	
		Monitor status Not monitored		RMS	13.3	
		Horz SD		Vert SD		
		Start wk 1582 sec 592992.6		End wk 1582 sec 592997.6		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.0000349276		VCV xy	0.0000226517	
		VCV xz -0.0000098661		VCV yy	0.0000593089	
		VCV yz -0.0000326696		VCV zz	0.0000597503	
PT DGN	SO	Name 41108		To the Point		
GRID D	SO	Delta N 0.133		Delta E	0.132	
		Delta Elv -0.070				
GPSVEC	SO	Point ID 520080	DX	1519.687	DY	-2793.377
		Class Stake out	DZ	-2561.967	Code	20080
		Obs L1 Fixed	H.pr	0.019	V.pr	0.025
GPSQC1	NM	Min SVs 12		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 7		VDOP max	1.0	
		Monitor status Not monitored		RMS	13.4	
		Horz SD		Vert SD		
		Start wk 1582 sec 593070.2		End wk 1582 sec 593075.8		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.0000341274		VCV xy	0.0000218731	
		VCV xz -0.0000095643		VCV yy	0.0000582329	
		VCV yz -0.0000331411		VCV zz	0.0000608627	
PT DGN	SO	Name 20080		To the Point		
GRID D	SO	Delta N -0.163		Delta E	-0.108	
		Delta Elv -0.065				
GPSVEC	SO	Point ID 560500074	DX	1517.988	DY	-2760.103
		Class Stake out	DZ	-2523.209	Code	60500074
		Obs L1 Fixed	H.pr	0.019	V.pr	0.026
GPSQC1	NM	Min SVs 12		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 7		VDOP max	1.0	
		Monitor status Not monitored		RMS	11.7	
		Horz SD		Vert SD		
		Start wk 1582 sec 593172.0		End wk 1582 sec 593177.6		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.0000338175		VCV xy	0.0000213576	
		VCV xz -0.0000093578		VCV yy	0.0000581651	
		VCV yz -0.0000345944		VCV zz	0.0000638844	
PT DGN	SO	Name 60500074		To the Point		
GRID D	SO	Delta N -0.106		Delta E	0.008	
		Delta Elv -0.084				
GPSVEC	SO	Point ID 541103	DX	1549.518	DY	-2773.604
		Class Stake out	DZ	-2519.694	Code	41103
		Obs L1 Fixed	H.pr	0.019	V.pr	0.026
GPSQC1	NM	Min SVs 12		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 7		VDOP max	1.1	
		Monitor status Not monitored		RMS	14.4	
		Horz SD		Vert SD		
		Start wk 1582 sec 593271.4		End wk 1582 sec 593277.2		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.0000332484		VCV xy	0.0000207132	
		VCV xz -0.0000091494		VCV yy	0.0000577516	
		VCV yz -0.0000358307		VCV zz	0.0000662892	
PT DGN	SO	Name 41103		To the Point		
GRID D	SO	Delta N 0.180		Delta E	0.051	
		Delta Elv -0.096				
GPSVEC	SO	Point ID 541359	DX	1543.586	DY	-2791.952
		Class Stake out	DZ	-2544.646	Code	41359
		Obs L1 Fixed	H.pr	0.019	V.pr	0.026
GPSQC1	NM	Min SVs 12		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 7		VDOP max	1.1	
		Monitor status Not monitored		RMS	14.6	
		Horz SD		Vert SD		
		Start wk 1582 sec 593340.4		End wk 1582 sec 593346.0		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.000032985		VCV xy	0.0000203696	
		VCV xz -0.0000090511		VCV yy	0.0000577655	
		VCV yz -0.0000369155		VCV zz	0.0000683283	
PT DGN	SO	Name 41359		To the Point		

GRID D	SO	Delta N	-0.203	Delta E	0.021
		Delta Elv	-0.019		
GPSVEC	SO	Point ID 541106	DX 1547.805	DY -2804.002	
		Class Stake out	DZ -2555.614	Code 41106	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.026	
GPSQC1	NM	Min SVs	12	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	10.4
		Horz SD		Vert SD	
		Start wk 1582 sec 593385.0		End wk 1582 sec 593390.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000325854	VCV xy	0.0000200173
		VCV xz	-0.0000089422	VCV yy	0.0000573963
		VCV yz	-0.0000373683	VCV zz	0.0000691293
PT DGN	SO	Name	41106	To the Point	
GRID D	SO	Delta N	0.147	Delta E	-0.279
		Delta Elv	-0.055		
GPSVEC	SO	Point ID 541393	DX 1591.537	DY -2831.770	
		Class Stake out	DZ -2556.063	Code 41393	
		Obs L1 Fixed	H.pr 0.020	V.pr 0.029	
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	10.9
		Horz SD		Vert SD	
		Start wk 1582 sec 593497.8		End wk 1582 sec 593503.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.000032671	VCV xy	0.0000191633
		VCV xz	-0.0000078582	VCV yy	0.0000663324
		VCV yz	-0.000053728	VCV zz	0.0000979161
PT DGN	SO	Name	41393	To the Point	
GRID D	SO	Delta N	-0.042	Delta E	0.313
		Delta Elv	-0.076		
GPSVEC	SO	Point ID 541357	DX 1592.430	DY -2796.992	
		Class Stake out	DZ -2516.886	Code 41357	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.030	
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.2
		Monitor status	Not monitored	RMS	12.0
		Horz SD		Vert SD	
		Start wk 1582 sec 593578.0		End wk 1582 sec 593583.8	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000323955	VCV xy	0.0000188329
		VCV xz	-0.0000077842	VCV yy	0.0000680271
		VCV yz	-0.0000575907	VCV zz	0.0001044893
PT DGN	SO	Name	41357	To the Point	
GRID D	SO	Delta N	0.082	Delta E	0.553
		Delta Elv	-0.068		
GPSVEC	SO	Point ID 541356	DX 1625.570	DY -2823.417	
		Class Stake out	DZ -2522.522	Code 41356	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.030	
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.2
		Monitor status	Not monitored	RMS	14.0
		Horz SD		Vert SD	
		Start wk 1582 sec 593654.8		End wk 1582 sec 593660.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000322368	VCV xy	0.0000186473
		VCV xz	-0.0000078419	VCV yy	0.0000692593
		VCV yz	-0.0000604254	VCV zz	0.0001093356
PT DGN	SO	Name	41356	To the Point	
GRID D	SO	Delta N	-0.115	Delta E	0.036
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 541361	DX 1621.427	DY -2844.203	
		Class Stake out	DZ -2547.955	Code 41361	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.031	
GPSQC1	NM	Min SVs	11	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1582 sec 593734.4		End wk 1582 sec 593739.4	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000327165	VCV xy	0.0000188498
		VCV xz	-0.0000080714	VCV yy	0.0000719166
		VCV yz	-0.0000645759	VCV zz	0.0001165616

PT DGN	SO	Name	41361	To the Point	
GRID D	SO	Delta N	0.171	Delta E	-0.133
		Delta Elv	-0.084		
GPSVEC	SO	Point ID 541363	DX 1630.562	DY	-2867.600
		Class Stake out	DZ -2568.477	Code	41363
		Obs L1 Fixed	H.pr 0.021	V.pr	0.032
GPSQC1	NM	Min SVs 11	PDOP max	1.6	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	12.6	
		Horz SD	Vert SD		
		Start wk 1582 sec 593782.0	End wk 1582	sec 593787.2	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.0000326412	VCV xy	0.000018789	
		VCV xz -0.0000081896	VCV yy	0.0000727748	
		VCV yz -0.0000663524	VCV zz	0.0001194133	
PT DGN	SO	Name	41363	To the Point	
GRID D	SO	Delta N	-0.067	Delta E	0.230
		Delta Elv	-0.049		
GPSVEC	SO	Point ID 560251	DX 1605.220	DY	-2867.418
		Class Stake out	DZ -2589.636	Code	60251
		Obs L1 Fixed	H.pr 0.022	V.pr	0.032
GPSQC1	NM	Min SVs 11	PDOP max	1.6	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	14.5	
		Horz SD	Vert SD		
		Start wk 1582 sec 593848.0	End wk 1582	sec 593853.0	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.0000326197	VCV xy	0.000018755	
		VCV xz -0.0000083533	VCV yy	0.0000742394	
		VCV yz -0.0000691583	VCV zz	0.000124015	
PT DGN	SO	Name	60251	To the Point	
GRID D	SO	Delta N	-0.010	Delta E	0.011
		Delta Elv	-0.052		
GPSVEC	SO	Point ID 560250	DX 1623.061	DY	-2878.819
		Class Stake out	DZ -2589.107	Code	60250
		Obs L1 Fixed	H.pr 0.021	V.pr	0.032
GPSQC1	NM	Min SVs 11	PDOP max	1.6	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	10.9	
		Horz SD	Vert SD		
		Start wk 1582 sec 593901.0	End wk 1582	sec 593906.0	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.000032406	VCV xy	0.0000179327	
		VCV xz -0.0000066449	VCV yy	0.0000735441	
		VCV yz -0.0000670244	VCV zz	0.0001183576	
PT DGN	SO	Name	60250	To the Point	
GRID D	SO	Delta N	-0.296	Delta E	0.117
		Delta Elv	0.087		
GPSVEC	SO	Point ID 560242	DX 1643.444	DY	-2890.882
		Class Stake out	DZ -2589.552	Code	60242
		Obs L1 Fixed	H.pr 0.022	V.pr	0.032
GPSQC1	NM	Min SVs 11	PDOP max	1.6	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	11.2	
		Horz SD	Vert SD		
		Start wk 1582 sec 593940.6	End wk 1582	sec 593945.6	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668	
		VCV xx 0.0000326062	VCV xy	0.0000184312	
		VCV xz -0.0000077999	VCV yy	0.0000759323	
		VCV yz -0.0000717048	VCV zz	0.0001273172	
PT DGN	SO	Name	60242	To the Point	
GRID D	SO	Delta N	-0.219	Delta E	0.205
		Delta Elv	0.046		
GPSVEC	SO	Point ID 560243	DX 1637.048	DY	-2881.818
		Class Stake out	DZ -2581.619	Code	60243
		Obs L1 Fixed	H.pr 0.022	V.pr	0.033
GPSQC1	NM	Min SVs 11	PDOP max	1.6	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.4	
		Monitor status Not monitored	RMS	13.2	
		Horz SD	Vert SD		
		Start wk 1582 sec 593991.4	End wk 1582	sec 593996.4	

GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000327765	VCV xy 0.000018748
		VCV xz -0.0000085367	VCV yy 0.0000781422
		VCV yz -0.0000757309	VCV zz 0.0001344383
PT DGN	SO	Name 60243	To the Point
GRID D	SO	Delta N -0.148	Delta E -0.102
		Delta Elv 0.053	
GPSVEC	SO	Point ID 541320	DX 1655.422
		Class Stake out	DZ -2568.462
		Obs L1 Fixed	H.pr 0.022
			DY -2880.608
			Code 41320
			V.pr 0.034
GPSQC1	NM	Min SVs 11	PDOP max 1.7
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 7	VDOP max 1.4
		Monitor status Not monitored	RMS 14.0
		Horz SD	Vert SD
		Start wk 1582 sec 594037.2	End wk 1582 sec 594043.0
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000326056	VCV xy 0.0000187508
		VCV xz -0.0000088555	VCV yy 0.0000791405
		VCV yz -0.0000779236	VCV zz 0.000137941
PT DGN	SO	Name 41320	To the Point
GRID D	SO	Delta N -0.067	Delta E 0.257
		Delta Elv 0.022	
NOTE	TS	Time Date 05/08/2010 Time 14:01:47	
GPSVEC	SO	Point ID 560262	DX 1630.367
		Class Stake out	DZ -2599.682
		Obs L1 Fixed	H.pr 0.023
			DY -2888.169
			Code 60262
			V.pr 0.035
GPSQC1	NM	Min SVs 11	PDOP max 1.7
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 6	VDOP max 1.4
		Monitor status Not monitored	RMS 15.4
		Horz SD	Vert SD
		Start wk 1582 sec 594115.4	End wk 1582 sec 594120.4
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000337945	VCV xy 0.0000195237
		VCV xz -0.0000095297	VCV yy 0.0000845424
		VCV yz -0.0000853501	VCV zz 0.0001504687
PT DGN	SO	Name 60262	To the Point
GRID D	SO	Delta N -0.335	Delta E 0.413
		Delta Elv -0.024	
GPSVEC	SO	Point ID 560267	DX 1671.946
		Class Stake out	DZ -2593.893
		Obs L1 Fixed	H.pr 0.023
			DY -2907.671
			Code 60267
			V.pr 0.035
GPSQC1	NM	Min SVs 11	PDOP max 1.7
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 6	VDOP max 1.4
		Monitor status Not monitored	RMS 12.1
		Horz SD	Vert SD
		Start wk 1582 sec 594179.4	End wk 1582 sec 594184.6
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000328847	VCV xy 0.0000191197
		VCV xz -0.0000096981	VCV yy 0.0000842798
		VCV yz -0.0000862673	VCV zz 0.0001509143
PT DGN	SO	Name 60267	To the Point
GRID D	SO	Delta N 0.252	Delta E -0.145
		Delta Elv -0.037	
GPSVEC	SO	Point ID 541317	DX 1682.702
		Class Stake out	DZ -2587.801
		Obs L1 Fixed	H.pr 0.023
			DY -2908.865
			Code 41317
			V.pr 0.036
GPSQC1	NM	Min SVs 11	PDOP max 1.7
		Relative DOPs Yes	HDOP max 0.9
		Total GPS pos 6	VDOP max 1.5
		Monitor status Not monitored	RMS 15.2
		Horz SD	Vert SD
		Start wk 1582 sec 594230.2	End wk 1582 sec 594235.2
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000332556	VCV xy 0.0000194157
		VCV xz -0.0000100565	VCV yy 0.0000869975
		VCV yz -0.0000902074	VCV zz 0.0001571359
PT DGN	SO	Name 41317	To the Point
GRID D	SO	Delta N 0.260	Delta E 0.148
		Delta Elv -0.050	
GPSVEC	SO	Point ID 541316	DX 1688.655
		Class Stake out	DZ -2573.835
		Obs L1 Fixed	H.pr 0.023
			DY -2900.431
			Code 41316
			V.pr 0.036

GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	16.0
		Horz SD		Vert SD	
		Start wk 1582 sec	594276.6	End wk 1582 sec	594282.4
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.000033123	VCV xy	0.0000194411
		VCV xz	-0.000010308	VCV yy	0.0000883263
		VCV yz	-0.0000925478	VCV zz	0.0001604075
PT DGN	SO	Name	41316	To the Point	
GRID D	SO	Delta N	0.141	Delta E	0.163
		Delta Elv	0.002		
GPSVEC	SO	Point ID 541373		DX 1669.964	DY -2865.482
		Class Stake out		DZ -2541.669	Code 41373
		Obs L1 Fixed		H.pr 0.023	V.pr 0.037
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.4
		Horz SD		Vert SD	
		Start wk 1582 sec	594341.0	End wk 1582 sec	594346.8
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000330124	VCV xy	0.0000195243
		VCV xz	-0.0000106563	VCV yy	0.0000904244
		VCV yz	-0.0000960919	VCV zz	0.0001654854
PT DGN	SO	Name	41373	To the Point	
GRID D	SO	Delta N	-0.213	Delta E	0.169
		Delta Elv	-0.082		
GPSVEC	SO	Point ID 541355		DX 1657.319	DY -2846.110
		Class Stake out		DZ -2527.133	Code 41355
		Obs L1 Fixed		H.pr 0.023	V.pr 0.037
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1582 sec	594415.8	End wk 1582 sec	594421.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000330163	VCV xy	0.0000197329
		VCV xz	-0.0000111406	VCV yy	0.0000934066
		VCV yz	-0.0001008058	VCV zz	0.0001722759
PT DGN	SO	Name	41355	To the Point	
GRID D	SO	Delta N	0.299	Delta E	0.015
		Delta Elv	-0.032		
GPSVEC	SO	Point ID 541377		DX 1677.990	DY -2852.543
		Class Stake out		DZ -2521.799	Code 41377
		Obs L1 Fixed		H.pr 0.024	V.pr 0.038
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1582 sec	594476.2	End wk 1582 sec	594481.2
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000333408	VCV xy	0.0000201296
		VCV xz	-0.0000116903	VCV yy	0.000096784
		VCV yz	-0.0001055797	VCV zz	0.0001791995
PT DGN	SO	Name	41377	To the Point	
GRID D	SO	Delta N	0.133	Delta E	0.034
		Delta Elv	0.005		
GPSVEC	SO	Point ID 541315		DX 1703.557	DY -2877.207
		Class Stake out		DZ -2536.589	Code 41315
		Obs L1 Fixed		H.pr 0.024	V.pr 0.039
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1582 sec	594557.8	End wk 1582 sec	594563.4
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000331246	VCV xy	0.0000203442
		VCV xz	-0.0000123504	VCV yy	0.0000995034
		VCV yz	-0.0001097053	VCV zz	0.0001840556
PT DGN	SO	Name	41315	To the Point	
GRID D	SO	Delta N	-0.009	Delta E	-0.149
		Delta Elv	-0.010		

GPSVEC	SO	Point ID 541302	DX	1752.045	DY	-2883.840
		Class Stake out	DZ	-2517.136	Code	41302
		Obs L1 Fixed	H.pr	0.026	V.pr	0.038
GPSQC1	NM	Min SVs 11		PDOP max	1.8	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 7		VDOP max	1.5	
		Monitor status Not monitored		RMS	18.3	
		Horz SD		Vert SD		
		Start wk 1582 sec 594630.4		End wk 1582 sec 594636.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077696685	
		VCV xx 0.000033382		VCV xy	0.0000208378	
		VCV xz -0.0000131046		VCV yy	0.0001033464	
		VCV yz -0.000114922		VCV zz	0.0001909035	
PT DGN	SO	Name 41302		To the Point		
GRID D	SO	Delta N 0.114		Delta E	0.062	
		Delta Elv -0.044				
GPSVEC	SO	Point ID 541301	DX	1737.083	DY	-2908.468
		Class Stake out	DZ	-2556.822	Code	41301
		Obs L1 Fixed	H.pr	0.026	V.pr	0.039
GPSQC1	NM	Min SVs 11		PDOP max	1.8	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	16.9	
		Horz SD		Vert SD		
		Start wk 1582 sec 594720.2		End wk 1582 sec 594725.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.007912484	
		VCV xx 0.0000335341		VCV xy	0.0000214107	
		VCV xz -0.0000140731		VCV yy	0.0001075234	
		VCV yz -0.0001203957		VCV zz	0.0001972936	
PT DGN	SO	Name 41301		To the Point		
GRID D	SO	Delta N 0.243		Delta E	0.315	
		Delta Elv -0.085				
GPSVEC	SO	Point ID 541141	DX	1729.323	DY	-2919.609
		Class Stake out	DZ	-2574.838	Code	41141
		Obs L1 Fixed	H.pr	0.027	V.pr	0.039
GPSQC1	NM	Min SVs 11		PDOP max	1.8	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 7		VDOP max	1.5	
		Monitor status Not monitored		RMS	16.6	
		Horz SD		Vert SD		
		Start wk 1582 sec 594772.4		End wk 1582 sec 594778.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0080190562	
		VCV xx 0.0000337781		VCV xy	0.0000218814	
		VCV xz -0.000014742		VCV yy	0.000110649	
		VCV yz -0.0001243616		VCV zz	0.0002021404	
PT DGN	SO	Name 41141		To the Point		
GRID D	SO	Delta N 0.105		Delta E	-0.014	
		Delta Elv -0.035				
GPSVEC	SO	Point ID 541300	DX	1723.716	DY	-2930.287
		Class Stake out	DZ	-2591.019	Code	41300
		Obs L1 Fixed	H.pr	0.027	V.pr	0.040
GPSQC1	NM	Min SVs 11		PDOP max	1.8	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	15.5	
		Horz SD		Vert SD		
		Start wk 1582 sec 594846.2		End wk 1582 sec 594851.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0081665786	
		VCV xx 0.0000342039		VCV xy	0.0000226312	
		VCV xz -0.00001576		VCV yy	0.0001152222	
		VCV yz -0.0001298993		VCV zz	0.0002086246	
PT DGN	SO	Name 41300		To the Point		
GRID D	SO	Delta N 0.309		Delta E	0.196	
		Delta Elv -0.048				
GPSVEC	SO	Point ID 560227	DX	1702.375	DY	-2923.033
		Class Stake out	DZ	-2594.177	Code	60227
		Obs L1 Fixed	H.pr	0.027	V.pr	0.040
GPSQC1	NM	Min SVs 11		PDOP max	1.8	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	19.2	
		Horz SD		Vert SD		
		Start wk 1582 sec 594907.2		End wk 1582 sec 594912.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0082625616	
		VCV xx 0.0000343782		VCV xy	0.0000231713	
		VCV xz -0.0000165618		VCV yy	0.0001184033	
		VCV yz -0.0001336568		VCV zz	0.0002124658	
PT DGN	SO	Name 60227		To the Point		

GRID D	SO	Delta N	0.762	Delta E	-0.007
		Delta Elv	-0.053		
GPSVEC	SO	Point ID 560270	DX 1709.458	DY -2931.211	
		Class Stake out	DZ -2602.349	Code 60270	
		Obs L1 Fixed	H.pr 0.028	V.pr 0.040	
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	4	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1582 sec 594998.6		End wk 1582 sec 595004.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0083593102
		VCV xx	0.0000343785	VCV xy	0.0000238555
		VCV xz	-0.0000176849	VCV yy	0.0001221508
		VCV yz	-0.0001377465	VCV zz	0.0002153246
PT DGN	SO	Name	60270	To the Point	
GRID D	SO	Delta N	0.539	Delta E	-0.115
		Delta Elv	-0.010		
GPSVEC	SO	Point ID 541299	DX 1721.257	DY -2933.412	
		Class Stake out	DZ -2596.536	Code 41299	
		Obs L1 Fixed	H.pr 0.028	V.pr 0.041	
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	16.0
		Horz SD		Vert SD	
		Start wk 1582 sec 595055.2		End wk 1582 sec 595060.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0084796576
		VCV xx	0.0000349014	VCV xy	0.0000246606
		VCV xz	-0.000018645	VCV yy	0.0001262368
		VCV yz	-0.0001422382	VCV zz	0.0002202158
PT DGN	SO	Name	41299	To the Point	
GRID D	SO	Delta N	0.487	Delta E	0.218
		Delta Elv	0.092		
GPSVEC	SO	Point ID 560275	DX 1749.375	DY -2951.507	
		Class Stake out	DZ -2604.760	Code 60275	
		Obs L1 Fixed	H.pr 0.028	V.pr 0.041	
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	15.0
		Horz SD		Vert SD	
		Start wk 1582 sec 595136.6		End wk 1582 sec 595141.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0085871629
		VCV xx	0.0000352683	VCV xy	0.0000255977
		VCV xz	-0.0000198773	VCV yy	0.0001305816
		VCV yz	-0.0001465072	VCV zz	0.0002232737
PT DGN	SO	Name	60275	To the Point	
GRID D	SO	Delta N	0.072	Delta E	0.121
		Delta Elv	-0.062		
GPSVEC	SO	Point ID 560276	DX 1751.147	DY -2949.064	
		Class Stake out	DZ -2599.873	Code 60276	
		Obs L1 Fixed	H.pr 0.029	V.pr 0.042	
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.5
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1582 sec 595280.4		End wk 1582 sec 595286.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0088468175
		VCV xx	0.0000368034	VCV xy	0.0000279745
		VCV xz	-0.0000225687	VCV yy	0.0001409722
		VCV yz	-0.0001563135	VCV zz	0.0002315292
PT DGN	SO	Name	60276	To the Point	
GRID D	SO	Delta N	0.127	Delta E	-0.182
		Delta Elv	-0.018		
GPSVEC	SO	Point ID 541297	DX 1762.639	DY -2950.184	
		Class Stake out	DZ -2595.164	Code 41297	
		Obs L1 Fixed	H.pr 0.030	V.pr 0.043	
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	16.7
		Horz SD		Vert SD	
		Start wk 1582 sec 595337.2		End wk 1582 sec 595342.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0089734104
		VCV xx	0.000037651	VCV xy	0.0000291757
		VCV xz	-0.0000238436	VCV yy	0.0001460214
		VCV yz	-0.0001610925	VCV zz	0.0002359464

PT DGN	SO	Name	41297	To the Point
GRID D	SO	Delta N	0.116	Delta E -0.075
		Delta Elv	-0.019	
GPSVEC	SO	Point ID 541296	DX 1769.356	DY -2938.274
		Class Stake out	DZ -2576.450	Code 41296
		Obs L1 Fixed	H.pr 0.030	V.pr 0.043
GPSQC1	NM	Min SVs 11	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.4	
		Monitor status Not monitored	RMS 20.2	
		Horz SD	Vert SD	
		Start wk 1582 sec 595394.2	End wk 1582 sec 595399.2	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0090301279	
		VCV xx 0.0000380297	VCV xy 0.0000300093	
		VCV xz -0.0000247994	VCV yy 0.000149056	
		VCV yz -0.0001633343	VCV zz 0.0002363605	
PT DGN	SO	Name	41296	To the Point
GRID D	SO	Delta N	-0.126	Delta E -0.042
		Delta Elv	0.002	
GPSVEC	SO	Point ID 541281	DX 1815.948	DY -2948.387
		Class Stake out	DZ -2563.585	Code 41281
		Obs L1 Fixed	H.pr 0.030	V.pr 0.043
GPSQC1	NM	Min SVs 11	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 5	VDOP max 1.4	
		Monitor status Not monitored	RMS 17.5	
		Horz SD	Vert SD	
		Start wk 1582 sec 595461.6	End wk 1582 sec 595466.6	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0090819309	
		VCV xx 0.0000384381	VCV xy 0.0000309839	
		VCV xz -0.0000258991	VCV yy 0.0001522682	
		VCV yz -0.0001653572	VCV zz 0.0002357971	
PT DGN	SO	Name	41281	To the Point
GRID D	SO	Delta N	0.033	Delta E -0.132
		Delta Elv	-0.022	
GPSVEC	SO	Point ID 541137	DX 1810.817	DY -2957.948
		Class Stake out	DZ -2578.795	Code 41137
		Obs L1 Fixed	H.pr 0.030	V.pr 0.043
GPSQC1	NM	Min SVs 11	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 7	VDOP max 1.4	
		Monitor status Not monitored	RMS 15.2	
		Horz SD	Vert SD	
		Start wk 1582 sec 595509.8	End wk 1582 sec 595515.6	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0090920255	
		VCV xx 0.0000385716	VCV xy 0.0000315265	
		VCV xz -0.0000265244	VCV yy 0.0001537645	
		VCV yz -0.0001657496	VCV zz 0.0002337983	
PT DGN	SO	Name	41137	To the Point
GRID D	SO	Delta N	-0.268	Delta E -0.292
		Delta Elv	0.047	
GPSVEC	SO	Point ID 541280	DX 1802.921	DY -2971.028
		Class Stake out	DZ -2599.951	Code 41280
		Obs L1 Fixed	H.pr 0.030	V.pr 0.043
GPSQC1	NM	Min SVs 11	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 5	VDOP max 1.4	
		Monitor status Not monitored	RMS 19.8	
		Horz SD	Vert SD	
		Start wk 1582 sec 595569.6	End wk 1582 sec 595575.4	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0091668684	
		VCV xx 0.0000393028	VCV xy 0.000032689	
		VCV xz -0.0000276988	VCV yy 0.0001577477	
		VCV yz -0.0001685094	VCV zz 0.0002346015	
PT DGN	SO	Name	41280	To the Point
GRID D	SO	Delta N	-0.022	Delta E -0.163
		Delta Elv	-0.076	
GPSVEC	SO	Point ID 560278	DX 1787.778	DY -2973.728
		Class Stake out	DZ -2612.844	Code 60278
		Obs L1 Fixed	H.pr 0.030	V.pr 0.043
GPSQC1	NM	Min SVs 11	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 7	VDOP max 1.4	
		Monitor status Not monitored	RMS 20.4	
		Horz SD	Vert SD	
		Start wk 1582 sec 595618.4	End wk 1582 sec 595624.0	

GPSQC2	NM	Ttl satellites 11	Err Scale 0.0091583487
		VCV xx 0.0000393632	VCV xy 0.0000331713
		VCV xz -0.0000282309	VCV yy 0.0001587135
		VCV yz -0.0001681395	VCV zz 0.0002314872
PT DGN	SO	Name 60278	To the Point
GRID D	SO	Delta N -0.103	Delta E -0.102
		Delta Elv -0.068	
GPSVEC	SO	Point ID 560279 DX 1785.227 DY -2977.201	
		Class Stake out DZ -2621.652 Code 60279	
		Obs L1 Fixed H.pr 0.031 V.pr 0.043	
GPSQC1	NM	Min SVs 11 PDOP max 1.8	
		Relative DOPs Yes HDOP max 1.0	
		Total GPS pos 6 VDOP max 1.4	
		Monitor status Not monitored RMS 16.0	
		Horz SD Vert SD	
		Start wk 1582 sec 595684.0 End wk 1582 sec 595689.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0092180762
		VCV xx 0.0000401101	VCV xy 0.0000344102
		VCV xz -0.0000294312	VCV yy 0.0001625183
		VCV yz -0.0001702416	VCV zz 0.0002309333
PT DGN	SO	Name 60279	To the Point
GRID D	SO	Delta N 0.372	Delta E 0.078
		Delta Elv -0.002	
GPSVEC	SO	Point ID 560284 DX 1825.814 DY -2996.314	
		Class Stake out DZ -2621.349 Code 60284	
		Obs L1 Fixed H.pr 0.025 V.pr 0.035	
GPSQC1	NM	Min SVs 11 PDOP max 1.6	
		Relative DOPs Yes HDOP max 1.0	
		Total GPS pos 7 VDOP max 1.3	
		Monitor status Not monitored RMS 16.8	
		Horz SD Vert SD	
		Start wk 1582 sec 595749.4 End wk 1582 sec 595755.4	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0081344694
		VCV xx 0.0000402463	VCV xy 0.0000311526
		VCV xz -0.0000250912	VCV yy 0.0001068527
		VCV yz -0.0000981146	VCV zz 0.0001373401
PT DGN	SO	Name 60284	To the Point
GRID D	SO	Delta N -0.218	Delta E -0.199
		Delta Elv -0.008	
GPSVEC	SO	Point ID 560285 DX 1828.528 DY -2992.521	
		Class Stake out DZ -2613.352 Code 60285	
		Obs L1 Fixed H.pr 0.026 V.pr 0.036	
GPSQC1	NM	Min SVs 11 PDOP max 1.6	
		Relative DOPs Yes HDOP max 1.0	
		Total GPS pos 6 VDOP max 1.3	
		Monitor status Not monitored RMS 14.3	
		Horz SD Vert SD	
		Start wk 1582 sec 595793.0 End wk 1582 sec 595798.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0084345471
		VCV xx 0.0000417391	VCV xy 0.0000344028
		VCV xz -0.0000295259	VCV yy 0.0001142651
		VCV yz -0.0001076794	VCV zz 0.0001499849
PT DGN	SO	Name 60285	To the Point
GRID D	SO	Delta N 0.068	Delta E -0.387
		Delta Elv 0.007	
GPSVEC	SO	Point ID 541277 DX 1841.332 DY -2991.795	
		Class Stake out DZ -2604.182 Code 41277	
		Obs L1 Fixed H.pr 0.027 V.pr 0.037	
GPSQC1	NM	Min SVs 11 PDOP max 1.6	
		Relative DOPs Yes HDOP max 1.0	
		Total GPS pos 6 VDOP max 1.3	
		Monitor status Not monitored RMS 18.7	
		Horz SD Vert SD	
		Start wk 1582 sec 595866.2 End wk 1582 sec 595871.2	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0085801175
		VCV xx 0.0000430982	VCV xy 0.0000369378
		VCV xz -0.0000325341	VCV yy 0.0001193241
		VCV yz -0.000112563	VCV zz 0.0001544969
PT DGN	SO	Name 41277	To the Point
GRID D	SO	Delta N -0.236	Delta E -0.176
		Delta Elv -0.082	
GPSVEC	SO	Point ID 541276 DX 1848.183 DY -2980.437	
		Class Stake out DZ -2585.905 Code 41276	
		Obs L1 Fixed H.pr 0.027 V.pr 0.036	

GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1582 sec	595906.2	End wk 1582 sec	595911.2
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0085612256
		VCV xx	0.0000433458	VCV xy	0.000037446
		VCV xz	-0.0000330007	VCV yy	0.0001197502
		VCV yz	-0.0001121422	VCV zz	0.000152554
PT DGN	SO	Name	41276	To the Point	
GRID D	SO	Delta N	0.041	Delta E	-0.204
		Delta Elv	-0.015		
NOTE	TS	Time Date	05/08/2010	Time	14:32:56
GPSVEC	SO	Point ID 541134	DX 1885.452	DY	-3003.699
		Class Stake out	DZ -2594.473	Code	41134
		Obs L1 Fixed	H.pr 0.026	V.pr	0.036
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	14.3
		Horz SD		Vert SD	
		Start wk 1582 sec	595985.2	End wk 1582 sec	595990.2
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0085220933
		VCV xx	0.0000441375	VCV xy	0.0000384206
		VCV xz	-0.0000336363	VCV yy	0.0001207232
		VCV yz	-0.0001108722	VCV zz	0.0001481037
PT DGN	SO	Name	41134	To the Point	
GRID D	SO	Delta N	0.188	Delta E	-0.191
		Delta Elv	0.019		
GPSVEC	SO	Point ID 541260	DX 1880.630	DY	-3013.487
		Class Stake out	DZ -2609.938	Code	41260
		Obs L1 Fixed	H.pr 0.026	V.pr	0.036
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1582 sec	596034.2	End wk 1582 sec	596039.2
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0084664719
		VCV xx	0.0000443541	VCV xy	0.0000387022
		VCV xz	-0.0000336869	VCV yy	0.0001204377
		VCV yz	-0.0001091649	VCV zz	0.000144191
PT DGN	SO	Name	41260	To the Point	
GRID D	SO	Delta N	0.151	Delta E	0.057
		Delta Elv	-0.067		
GPSVEC	SO	Point ID 560287	DX 1867.541	DY	-3012.903
		Class Stake out	DZ -2616.940	Code	60287
		Obs L1 Fixed	H.pr 0.026	V.pr	0.036
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	16.6
		Horz SD		Vert SD	
		Start wk 1582 sec	596087.2	End wk 1582 sec	596092.2
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0084475055
		VCV xx	0.0000450789	VCV xy	0.0000394175
		VCV xz	-0.0000340653	VCV yy	0.0001212851
		VCV yz	-0.0001082993	VCV zz	0.0001413039
PT DGN	SO	Name	60287	To the Point	
GRID D	SO	Delta N	-0.253	Delta E	-0.123
		Delta Elv	0.078		
GPSVEC	SO	Point ID 560288	DX 1865.016	DY	-3016.918
		Class Stake out	DZ -2624.376	Code	60288
		Obs L1 Fixed	H.pr 0.026	V.pr	0.036
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	17.6
		Horz SD		Vert SD	
		Start wk 1582 sec	596131.0	End wk 1582 sec	596136.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0083961245
		VCV xx	0.0000452074	VCV xy	0.0000396096
		VCV xz	-0.0000340404	VCV yy	0.0001209554
		VCV yz	-0.0001067254	VCV zz	0.000137811
PT DGN	SO	Name	60288	To the Point	
GRID D	SO	Delta N	0.150	Delta E	-0.091
		Delta Elv	0.011		

GPSVEC	SO	Point ID 560291	DX 1895.374	DY -3053.376
		Class Stake out	DZ -2659.089	Code 60291
		Obs L1 Fixed	H.pr 0.026	V.pr 0.036
GPSQC1	NM	Min SVs 11	PDOP max 1.6	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.3	
		Monitor status Not monitored	RMS 17.1	
		Horz SD	Vert SD	
		Start wk 1582 sec 596201.4	End wk 1582 sec 596206.4	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0083473306	
		VCV xx 0.0000457735	VCV xy 0.0000402246	
		VCV xz -0.000034249	VCV yy 0.0001213503	
		VCV yz -0.0001050128	VCV zz 0.0001333509	
PT DGN	SO	Name 60291	To the Point	
GRID D	SO	Delta N 0.096	Delta E -0.042	
		Delta Elv 0.001		
GPSVEC	SO	Point ID 560292	DX 1903.395	DY -3041.017
		Class Stake out	DZ -2635.146	Code 60292
		Obs L1 Fixed	H.pr 0.026	V.pr 0.036
GPSQC1	NM	Min SVs 11	PDOP max 1.6	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.3	
		Monitor status Not monitored	RMS 15.7	
		Horz SD	Vert SD	
		Start wk 1582 sec 596287.8	End wk 1582 sec 596292.8	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0083097462	
		VCV xx 0.0000466817	VCV xy 0.0000411557	
		VCV xz -0.0000346414	VCV yy 0.000122305	
		VCV yz -0.0001034065	VCV zz 0.0001287615	
PT DGN	SO	Name 60292	To the Point	
GRID D	SO	Delta N -0.221	Delta E -0.549	
		Delta Elv 0.077		
GPSVEC	SO	Point ID 560293	DX 1907.729	DY -3033.171
		Class Stake out	DZ -2620.688	Code 60293
		Obs L1 Fixed	H.pr 0.025	V.pr 0.035
GPSQC1	NM	Min SVs 11	PDOP max 1.6	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 7	VDOP max 1.3	
		Monitor status Not monitored	RMS 17.5	
		Horz SD	Vert SD	
		Start wk 1582 sec 596326.2	End wk 1582 sec 596331.8	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0082664033	
		VCV xx 0.000046759	VCV xy 0.0000413147	
		VCV xz -0.000034593	VCV yy 0.0001219975	
		VCV yz -0.0001020455	VCV zz 0.0001258627	
PT DGN	SO	Name 60293	To the Point	
GRID D	SO	Delta N 0.030	Delta E -0.178	
		Delta Elv 0.012		
GPSVEC	SO	Point ID 541257	DX 1920.224	DY -3034.293
		Class Stake out	DZ -2614.627	Code 41257
		Obs L1 Fixed	H.pr 0.025	V.pr 0.036
GPSQC1	NM	Min SVs 11	PDOP max 1.6	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.3	
		Monitor status Not monitored	RMS 17.4	
		Horz SD	Vert SD	
		Start wk 1582 sec 596377.6	End wk 1582 sec 596382.6	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0082776872	
		VCV xx 0.0000476825	VCV xy 0.0000422432	
		VCV xz -0.000035123	VCV yy 0.0001235414	
		VCV yz -0.000101876	VCV zz 0.0001241454	
PT DGN	SO	Name 41257	To the Point	
GRID D	SO	Delta N -0.013	Delta E -0.259	
		Delta Elv -0.019		
GPSVEC	SO	Point ID 541256	DX 1928.870	DY -3020.113
		Class Stake out	DZ -2590.492	Code 41256
		Obs L1 Fixed	H.pr 0.019	V.pr 0.042
GPSQC1	NM	Min SVs 10	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 7	VDOP max 1.7	
		Monitor status Not monitored	RMS 11.2	
		Horz SD	Vert SD	
		Start wk 1582 sec 596430.8	End wk 1582 sec 596436.6	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0077459668	
		VCV xx 0.0000578219	VCV xy 0.0000548776	
		VCV xz -0.0000442105	VCV yy 0.0001386693	
		VCV yz -0.0001115556	VCV zz 0.0001289537	
PT DGN	SO	Name 41256	To the Point	

GRID D	SO	Delta N	0.047	Delta E	-0.184
		Delta Elv	-0.016		
GPSVEC	SO	Point ID 541030	DX 1958.208	DY	-3036.751
		Class Stake out	DZ -2595.145	Code	41030
		Obs L1 Fixed	H.pr 0.020	V.pr	0.043
GPSQC1	NM	Min SVs	10	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	5	VDOP max	1.7
		Monitor status	Not monitored	RMS	14.9
		Horz SD		Vert SD	
		Start wk 1582 sec 596477.6		End wk 1582 sec 596482.6	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0077459668
		VCV xx	0.0000625913	VCV xy	0.0000606773
		VCV xz	-0.0000482991	VCV yy	0.0001465756
		VCV yz	-0.0001162071	VCV zz	0.0001311569
PT DGN	SO	Name	41030	To the Point	
GRID D	SO	Delta N	-0.078	Delta E	0.068
		Delta Elv	0.031		
SURVEY	KI	Elev mask	13	PDOP mask	6.0
SURVEY	KI	Elev mask	13	PDOP mask	6.0
SURVEY	KI	Elev mask	13	PDOP mask	6.0
SURVEY	EVENT	KI Survey event Rover survey started			
GPSANT	KI	Antenna ht	0.000	Measuremt	True
GPSPOS	FD	Point ID 60000	Lat 36°03'20.28840"N	Lng	115°01'24.44658"W
		Class Control	Hgt 1657.677	Code	NEW BASE_1_7_10
		Obs User Input	H.pr <null>	V.pr	<null>
EQUIP	SI	Receiver	SPS851	Serial no	<no text>
		Antenna	Zephyr - Model 2		
		Meas To	Antenna Phase Center		
		Tape adj	0.000	Serial no	<no text>
		H.Offset	0.000	V.Offset	0.000
NOTE	NM	Receiver firmware version=0.000			
GPSANT	KI	Antenna ht	5.151	Measuremt	True
GPSREF	KI	Reference	60000		
INIT	KI	Init event	Gained	Week	1582
		Init type	On the fly	seconds	596924.0
		Init counter	1	Point ID	<no text>
		Survey type	Real Time	Plate H.Dist	<null>
		Plate V.Dist	<null>	Plate azimuth	<null>
NOTE	KI	Deleted LINE. Name: Line0040, Code: , Method: Two points,			
NOTE	KI	Start pt: 80017, End pt: 41359, Azimuth: 69.388°,			
NOTE	KI	Length: 43.327sft, Grade: 2.578°			
NOTE	NM	Deleted 2:51:08 PM 5/8/2010			
EQUIP	NM	Receiver	R8-2	Serial no	4906165952
		Antenna	R8 Model 2/SPS88x Internal		
		Meas To	Bottom of antenna mount		
		Tape adj	0.000	Serial no	<no text>
		H.Offset	0.000	V.Offset	0.213
NOTE	NM	Receiver firmware version=4.120			
GPSANT	KI	Antenna ht	6.890	Measuremt	Uncorrected
GPSVEC	SO	Point ID 541240	DX 1959.718	DY	-3055.701
		Class Stake out	DZ -2619.641	Code	41240
		Obs L1 Fixed	H.pr 0.018	V.pr	0.039
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	12.5
		Horz SD		Vert SD	
		Start wk 1582 sec 597284.4		End wk 1582 sec 597290.2	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000607404	VCV xy	0.0000559297
		VCV xz	-0.0000418339	VCV yy	0.0001335572
		VCV yz	-0.0000897456	VCV zz	0.0000900665
PT DGN	SO	Name	41240	To the Point	
GRID D	SO	Delta N	-0.270	Delta E	-0.124
		Delta Elv	-0.073		
GPSVEC	SO	Point ID 560154	DX 1963.252	DY	-3071.069
		Class Stake out	DZ -2639.602	Code	60154
		Obs L1 Fixed	H.pr 0.018	V.pr	0.039

GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	12.5
		Horz SD		Vert SD	
		Start wk 1582 sec	597326.4	End wk 1582 sec	597332.4
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000606885	VCV xy	0.0000557808
		VCV xz	-0.0000416004	VCV yy	0.0001335544
		VCV yz	-0.0000890162	VCV zz	0.0000888249
PT DGN	SO	Name	60154	To the Point	
GRID D	SO	Delta N	-0.030	Delta E	-0.337
		Delta Elv	-0.006		
GPSVEC	SO	Point ID 560295		DX 1936.490	DY -3071.262
		Class Stake out		DZ -2657.282	Code 60295
		Obs L1 Fixed		H.pr 0.018	V.pr 0.039
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	13.8
		Horz SD		Vert SD	
		Start wk 1582 sec	597378.8	End wk 1582 sec	597383.8
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000612941	VCV xy	0.0000562669
		VCV xz	-0.0000418204	VCV yy	0.0001349748
		VCV yz	-0.0000890829	VCV zz	0.0000882639
PT DGN	SO	Name	60295	To the Point	
GRID D	SO	Delta N	0.237	Delta E	-0.059
		Delta Elv	0.007		
GPSVEC	SO	Point ID 560296		DX 1975.536	DY -3092.984
		Class Stake out		DZ -2662.757	Code 60296
		Obs L1 Fixed		H.pr 0.018	V.pr 0.039
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.3
		Horz SD		Vert SD	
		Start wk 1582 sec	597420.4	End wk 1582 sec	597425.4
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000609257	VCV xy	0.0000558198
		VCV xz	-0.0000413767	VCV yy	0.0001343643
		VCV yz	-0.0000879867	VCV zz	0.0000867085
PT DGN	SO	Name	60296	To the Point	
GRID D	SO	Delta N	-0.119	Delta E	0.143
		Delta Elv	-0.076		
GPSVEC	SO	Point ID 560145		DX 2001.430	DY -3107.243
		Class Stake out		DZ -2665.472	Code 60145
		Obs L1 Fixed		H.pr 0.018	V.pr 0.039
GPSQC1	NM	Min SVs	11	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	12.5
		Horz SD		Vert SD	
		Start wk 1582 sec	597499.0	End wk 1582 sec	597504.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.000061687	VCV xy	0.0000563751
		VCV xz	-0.0000415829	VCV yy	0.0001363501
		VCV yz	-0.0000879796	VCV zz	0.0000858156
PT DGN	SO	Name	60145	To the Point	
GRID D	SO	Delta N	-0.482	Delta E	-0.096
		Delta Elv	-0.067		
GPSVEC	SO	Point ID 560141		DX 2004.325	DY -3089.099
		Class Stake out		DZ -2638.909	Code 60141
		Obs L1 Fixed		H.pr 0.018	V.pr 0.038
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	11.9
		Horz SD		Vert SD	
		Start wk 1582 sec	597585.8	End wk 1582 sec	597590.8
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000608504	VCV xy	0.0000553998
		VCV xz	-0.0000406502	VCV yy	0.0001348825
		VCV yz	-0.0000856655	VCV zz	0.000082688
PT DGN	SO	Name	60141	To the Point	
GRID D	SO	Delta N	-0.293	Delta E	-0.116
		Delta Elv	-0.087		

GPSVEC	SO	Point ID 560122	DX	2028.231	DY	-3101.053
		Class Stake out	DZ	-2640.243	Code	60122
		Obs L1 Fixed	H.pr	0.018	V.pr	0.038
GPSQC1	NM	Min SVs 11		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.6	
		Monitor status Not monitored		RMS	14.2	
		Horz SD		Vert SD		
		Start wk 1582 sec 597628.6		End wk 1582 sec 597633.8		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.000061189		VCV xy	0.0000556773	
		VCV xz -0.0000407498		VCV yy	0.0001358347	
		VCV yz -0.0000855901		VCV zz	0.0000821589	
PT DGN	SO	Name 60122		To the Point		
GRID D	SO	Delta N 0.118		Delta E	-0.257	
		Delta Elv 0.001				
GPSVEC	SO	Point ID 560109	DX	2064.799	DY	-3096.128
		Class Stake out	DZ	-2610.777	Code	60109
		Obs L1 Fixed	H.pr	0.019	V.pr	0.038
GPSQC1	NM	Min SVs 11		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.6	
		Monitor status Not monitored		RMS	16.8	
		Horz SD		Vert SD		
		Start wk 1582 sec 597710.0		End wk 1582 sec 597715.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000616639		VCV xy	0.0000559717	
		VCV xz -0.0000407768		VCV yy	0.0001373597	
		VCV yz -0.0000852762		VCV zz	0.0000810629	
PT DGN	SO	Name 60109		To the Point		
GRID D	SO	Delta N -0.056		Delta E	-0.446	
		Delta Elv -0.080				
NOTE	TS	Time Date 05/08/2010 Time 15:03:33				
GPSVEC	SO	Point ID 541236	DX	2004.858	DY	-3063.369
		Class Stake out	DZ	-2602.468	Code	41236
		Obs L1 Fixed	H.pr	0.019	V.pr	0.038
GPSQC1	NM	Min SVs 11		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.6	
		Monitor status Not monitored		RMS	14.2	
		Horz SD		Vert SD		
		Start wk 1582 sec 597822.0		End wk 1582 sec 597827.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000613552		VCV xy	0.0000555018	
		VCV xz -0.0000401932		VCV yy	0.000137389	
		VCV yz -0.0000836057		VCV zz	0.0000784688	
PT DGN	SO	Name 41236		To the Point		
GRID D	SO	Delta N -0.125		Delta E	-0.163	
		Delta Elv -0.069				
GPSVEC	SO	Point ID 541241	DX	1973.438	DY	-3033.034
		Class Stake out	DZ	-2581.090	Code	41241
		Obs L1 Fixed	H.pr	0.018	V.pr	0.038
GPSQC1	NM	Min SVs 11		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	14.9	
		Horz SD		Vert SD		
		Start wk 1582 sec 597899.4		End wk 1582 sec 597904.4		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000606718		VCV xy	0.0000547883	
		VCV xz -0.0000395195		VCV yy	0.0001363545	
		VCV yz -0.0000818652		VCV zz	0.0000761904	
PT DGN	SO	Name 41241		To the Point		
GRID D	SO	Delta N 0.410		Delta E	-0.156	
		Delta Elv -0.025				
GPSVEC	SO	Point ID 560100	DX	2079.336	DY	-3072.713
		Class Stake out	DZ	-2570.936	Code	60100
		Obs L1 Fixed	H.pr	0.018	V.pr	0.038
GPSQC1	NM	Min SVs 11		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	15.8	
		Horz SD		Vert SD		
		Start wk 1582 sec 597992.0		End wk 1582 sec 597997.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000606461		VCV xy	0.0000545984	
		VCV xz -0.0000392066		VCV yy	0.0001369611	
		VCV yz -0.0000809119		VCV zz	0.0000745947	

PT DGN	SO	Name	60100	To the Point	
GRID D	SO	Delta N	0.188	Delta E	-0.089
		Delta Elv	-0.082		
GPSVEC	SO	Point ID 541235	DX 2019.874	DY -3039.166	
		Class Stake out	DZ -2560.920	Code 41235	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.038	
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.0
		Horz SD		Vert SD	
		Start wk 1582 sec 598044.0		End wk 1582 sec 598049.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000604323	VCV xy	0.0000542875
		VCV xz	-0.0000388945	VCV yy	0.0001368662
		VCV yz	-0.0000801403	VCV zz	0.0000735239
PT DGN	SO	Name	41235	To the Point	
GRID D	SO	Delta N	-0.058	Delta E	-0.187
		Delta Elv	-0.065		
GPSVEC	SO	Point ID 560095	DX 2070.031	DY -3054.649	
		Class Stake out	DZ -2552.109	Code 60095	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.037	
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.0
		Horz SD		Vert SD	
		Start wk 1582 sec 598104.0		End wk 1582 sec 598109.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000604018	VCV xy	0.0000541484
		VCV xz	-0.0000386926	VCV yy	0.0001372583
		VCV yz	-0.0000795506	VCV zz	0.0000725762
PT DGN	SO	Name	60095	To the Point	
GRID D	SO	Delta N	0.368	Delta E	-0.360
		Delta Elv	-0.029		
GPSVEC	SO	Point ID 541242	DX 1988.324	DY -3009.136	
		Class Stake out	DZ -2541.498	Code 41242	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.037	
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk 1582 sec 598185.2		End wk 1582 sec 598190.4	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000600484	VCV xy	0.0000536991
		VCV xz	-0.0000382417	VCV yy	0.0001371038
		VCV yz	-0.0000783831	VCV zz	0.0000709906
PT DGN	SO	Name	41242	To the Point	
GRID D	SO	Delta N	0.146	Delta E	-0.041
		Delta Elv	-0.053		
GPSVEC	SO	Point ID 541255	DX 1942.626	DY -2996.955	
		Class Stake out	DZ -2552.273	Code 41255	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.037	
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.1
		Horz SD		Vert SD	
		Start wk 1582 sec 598237.0		End wk 1582 sec 598242.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000604952	VCV xy	0.0000540139
		VCV xz	-0.0000383855	VCV yy	0.000138555
		VCV yz	-0.00007853	VCV zz	0.0000708086
PT DGN	SO	Name	41255	To the Point	
GRID D	SO	Delta N	0.022	Delta E	0.027
		Delta Elv	0.031		
GPSVEC	SO	Point ID 541262	DX 1909.829	DY -2965.545	
		Class Stake out	DZ -2531.234	Code 41262	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.037	
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.5
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1582 sec 598312.0		End wk 1582 sec 598317.8	

GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.000059633	VCV xy 0.0000531033
		VCV xz -0.0000376325	VCV yy 0.0001372078
		VCV yz -0.0000767945	VCV zz 0.0000688277
PT DGN	SO	Name 41262	To the Point
GRID D	SO	Delta N -0.168	Delta E 0.119
		Delta Elv -0.061	
GPSVEC	SO	Point ID 541275 DX 1861.391 DY -2957.310	
		Class Stake out DZ -2548.541 Code 41275	
		Obs L1 Fixed H.pr 0.019 V.pr 0.037	
GPSQC1	NM	Min SVs 11 PDOP max 1.7	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 6 VDOP max 1.5	
		Monitor status Not monitored RMS 13.1	
		Horz SD Vert SD	
		Start wk 1582 sec 598363.6 End wk 1582 sec 598369.4	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000596151	VCV xy 0.0000530341
		VCV xz -0.0000375089	VCV yy 0.0001375995
		VCV yz -0.0000763731	VCV zz 0.0000681722
PT DGN	SO	Name 41275	To the Point
GRID D	SO	Delta N 0.000	Delta E 0.140
		Delta Elv -0.072	
GPSVEC	SO	Point ID 541282 DX 1830.330 DY -2923.946	
		Class Stake out DZ -2524.376 Code 41282	
		Obs L1 Fixed H.pr 0.019 V.pr 0.037	
GPSQC1	NM	Min SVs 11 PDOP max 1.7	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 6 VDOP max 1.5	
		Monitor status Not monitored RMS 12.2	
		Horz SD Vert SD	
		Start wk 1582 sec 598429.4 End wk 1582 sec 598434.4	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077459668
		VCV xx 0.0000598384	VCV xy 0.0000531765
		VCV xz -0.0000375157	VCV yy 0.0001386676
		VCV yz -0.0000761522	VCV zz 0.0000676341
PT DGN	SO	Name 41282	To the Point
GRID D	SO	Delta N -0.264	Delta E 0.035
		Delta Elv -0.011	
GPSVEC	SO	Point ID 541295 DX 1783.711 DY -2915.586	
		Class Stake out DZ -2539.815 Code 41295	
		Obs L1 Fixed H.pr 0.018 V.pr 0.034	
GPSQC1	NM	Min SVs 12 PDOP max 1.6	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 4 VDOP max 1.4	
		Monitor status Not monitored RMS 14.7	
		Horz SD Vert SD	
		Start wk 1582 sec 598491.6 End wk 1582 sec 598496.6	
GPSQC2	NM	Ttl satellites 12	Err Scale 0.0077459668
		VCV xx 0.0000505828	VCV xy 0.0000435315
		VCV xz -0.0000281084	VCV yy 0.0001282294
		VCV yz -0.0000655943	VCV zz 0.0000570307
PT DGN	SO	Name 41295	To the Point
GRID D	SO	Delta N -0.046	Delta E -0.175
		Delta Elv -0.094	
GPSVEC	SO	Point ID 541294 DX 1797.642 DY -2893.707	
		Class Stake out DZ -2504.026 Code 41294	
		Obs L1 Fixed H.pr 0.018 V.pr 0.034	
GPSQC1	NM	Min SVs 12 PDOP max 1.6	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 7 VDOP max 1.4	
		Monitor status Not monitored RMS 12.8	
		Horz SD Vert SD	
		Start wk 1582 sec 598557.2 End wk 1582 sec 598563.0	
GPSQC2	NM	Ttl satellites 12	Err Scale 0.0077459668
		VCV xx 0.000049837	VCV xy 0.0000428569
		VCV xz -0.0000275713	VCV yy 0.0001273613
		VCV yz -0.0000644448	VCV zz 0.0000557512
PT DGN	SO	Name 41294	To the Point
GRID D	SO	Delta N -0.004	Delta E -0.358
		Delta Elv -0.037	
GPSVEC	SO	Point ID 541314 DX 1717.641 DY -2853.718	
		Class Stake out DZ -2499.555 Code 41314	
		Obs L1 Fixed H.pr 0.018 V.pr 0.034	

GPSQC1	NM	Min SVs	12	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.4
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1582 sec 598624.8		End wk 1582 sec 598630.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000490427	VCV xy	0.0000421928
		VCV xz	-0.0000269971	VCV yy	0.0001265267
		VCV yz	-0.0000632672	VCV zz	0.0000544272
PT DGN	SO	Name	41314	To the Point	
GRID D	SO	Delta N	0.184	Delta E	-0.014
		Delta Elv	-0.026		
GPSVEC	SO	Point ID 541384	DX 1692.597	DY	-2828.622
		Class Stake out	DZ -2485.597	Code	41384
		Obs L1 Fixed	H.pr 0.018	V.pr	0.032
GPSQC1	NM	Min SVs	12	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	7	VDOP max	1.4
		Monitor status	Not monitored	RMS	16.0
		Horz SD		Vert SD	
		Start wk 1582 sec 598692.2		End wk 1582 sec 598698.0	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000419423	VCV xy	0.0000354685
		VCV xz	-0.0000208692	VCV yy	0.0001206965
		VCV yz	-0.0000571307	VCV zz	0.0000486563
PT DGN	SO	Name	41384	To the Point	
GRID D	SO	Delta N	-0.018	Delta E	-0.083
		Delta Elv	-0.068		
GPSVEC	SO	Point ID 541354	DX 1668.887	DY	-2819.077
		Class Stake out	DZ -2489.729	Code	41354
		Obs L1 Fixed	H.pr 0.018	V.pr	0.032
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.3
		Horz SD		Vert SD	
		Start wk 1582 sec 598765.0		End wk 1582 sec 598770.0	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000415265	VCV xy	0.0000352032
		VCV xz	-0.0000205599	VCV yy	0.0001210673
		VCV yz	-0.0000565985	VCV zz	0.0000479292
PT DGN	SO	Name	41354	To the Point	
GRID D	SO	Delta N	-0.014	Delta E	0.165
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 541353	DX 1637.317	DY	-2796.246
		Class Stake out	DZ -2485.333	Code	41353
		Obs L1 Fixed	H.pr 0.018	V.pr	0.032
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	14.8
		Horz SD		Vert SD	
		Start wk 1582 sec 598829.4		End wk 1582 sec 598835.2	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000414246	VCV xy	0.0000352183
		VCV xz	-0.0000204047	VCV yy	0.0001223261
		VCV yz	-0.0000565306	VCV zz	0.000047631
PT DGN	SO	Name	41353	To the Point	
GRID D	SO	Delta N	0.104	Delta E	0.031
		Delta Elv	-0.090		
GPSVEC	SO	Point ID 541352	DX 1599.138	DY	-2767.477
		Class Stake out	DZ -2479.072	Code	41352
		Obs L1 Fixed	H.pr 0.018	V.pr	0.032
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	15.7
		Horz SD		Vert SD	
		Start wk 1582 sec 598874.8		End wk 1582 sec 598879.8	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000415135	VCV xy	0.0000353907
		VCV xz	-0.0000203775	VCV yy	0.000123723
		VCV yz	-0.0000567148	VCV zz	0.000047619
PT DGN	SO	Name	41352	To the Point	
GRID D	SO	Delta N	-0.164	Delta E	0.134
		Delta Elv	-0.075		

GPSVEC	SO	Point ID 541351	DX	1561.397	DY	-2740.243
		Class Stake out	DZ	-2471.845	Code	41351
		Obs L1 Fixed	H.pr	0.018	V.pr	0.032
GPSQC1	NM	Min SVs 13		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 5		VDOP max	1.3	
		Monitor status Not monitored		RMS	15.9	
		Horz SD		Vert SD		
		Start wk 1582 sec 598927.6		End wk 1582 sec 598933.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000404118		VCV xy	0.0000344576	
		VCV xz -0.0000197312		VCV yy	0.0001215921	
		VCV yz -0.0000552516		VCV zz	0.000046253	
PT DGN	SO	Name 41351		To the Point		
GRID D	SO	Delta N 0.150		Delta E	-0.037	
		Delta Elv -0.050				
GPSVEC	SO	Point ID 560500075	DX	1534.152	DY	-2726.567
		Class Stake out	DZ	-2472.147	Code	60500075
		Obs L1 Fixed	H.pr	0.018	V.pr	0.032
GPSQC1	NM	Min SVs 13		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 5		VDOP max	1.3	
		Monitor status Not monitored		RMS	15.4	
		Horz SD		Vert SD		
		Start wk 1582 sec 598981.6		End wk 1582 sec 598986.6		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000398224		VCV xy	0.0000340273	
		VCV xz -0.0000193555		VCV yy	0.0001210524	
		VCV yz -0.0000545074		VCV zz	0.0000454799	
PT DGN	SO	Name 60500075		To the Point		
GRID D	SO	Delta N -0.234		Delta E	-0.031	
		Delta Elv -0.046				
GPSVEC	SO	Point ID 580019	DX	1510.200	DY	-2717.615
		Class Stake out	DZ	-2475.912	Code	80019
		Obs L1 Fixed	H.pr	0.018	V.pr	0.032
GPSQC1	NM	Min SVs 13		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 5		VDOP max	1.3	
		Monitor status Not monitored		RMS	13.9	
		Horz SD		Vert SD		
		Start wk 1582 sec 599027.6		End wk 1582 sec 599033.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000392003		VCV xy	0.0000335283	
		VCV xz -0.0000189711		VCV yy	0.0001201475	
		VCV yz -0.0000536961		VCV zz	0.0000446991	
PT DGN	SO	Name 80019		To the Point		
GRID D	SO	Delta N 0.185		Delta E	-0.251	
		Delta Elv 0.044				
GPSVEC	SO	Point ID 580020	DX	1515.033	DY	-2670.202
		Class Stake out	DZ	-2414.488	Code	80020
		Obs L1 Fixed	H.pr	0.018	V.pr	0.032
GPSQC1	NM	Min SVs 13		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	11.7	
		Horz SD		Vert SD		
		Start wk 1582 sec 599102.6		End wk 1582 sec 599107.8		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000387845		VCV xy	0.0000333209	
		VCV xz -0.0000186604		VCV yy	0.0001206012	
		VCV yz -0.0000532122		VCV zz	0.0000441105	
PT DGN	SO	Name 80020		To the Point		
GRID D	SO	Delta N 0.491		Delta E	-0.214	
		Delta Elv -0.049				
GPSVEC	SO	Point ID 580021	DX	1518.960	DY	-2633.369
		Class Stake out	DZ	-2366.977	Code	80021
		Obs L1 Fixed	H.pr	0.017	V.pr	0.031
GPSQC1	NM	Min SVs 13		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 7		VDOP max	1.3	
		Monitor status Not monitored		RMS	13.2	
		Horz SD		Vert SD		
		Start wk 1582 sec 599162.2		End wk 1582 sec 599168.0		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000350874		VCV xy	0.0000320576	
		VCV xz -0.0000182331		VCV yy	0.0001182189	
		VCV yz -0.0000517263		VCV zz	0.0000427423	
PT DGN	SO	Name 80021		To the Point		

GRID D	SO	Delta N	0.123	Delta E	-0.062
		Delta Elv	0.037		
GPSVEC	SO	Point ID 580022	DX 1522.405	DY	-2609.531
		Class Stake out	DZ -2335.632	Code	80022
		Obs L1 Fixed	H.pr 0.018	V.pr	0.031
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	13.1
		Horz SD		Vert SD	
		Start wk 1582 sec 599226.0		End wk 1582 sec 599231.0	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000368767	VCV xy	0.0000324525
		VCV xz	-0.0000179788	VCV yy	0.0001194518
		VCV yz	-0.0000516634	VCV zz	0.0000425872
PT DGN	SO	Name	80022	To the Point	
GRID D	SO	Delta N	-0.111	Delta E	-0.832
		Delta Elv	0.079		
GPSVEC	SO	Point ID 580023	DX 1523.633	DY	-2596.058
		Class Stake out	DZ -2318.072	Code	80023
		Obs L1 Fixed	H.pr 0.018	V.pr	0.031
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	11.3
		Horz SD		Vert SD	
		Start wk 1582 sec 599280.8		End wk 1582 sec 599285.8	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.000036937	VCV xy	0.0000322125
		VCV xz	-0.0000176476	VCV yy	0.0001192673
		VCV yz	-0.0000511302	VCV zz	0.0000420871
PT DGN	SO	Name	80023	To the Point	
GRID D	SO	Delta N	-0.118	Delta E	-0.392
		Delta Elv	0.004		
GPSVEC	SO	Point ID 580024	DX 1525.373	DY	-2589.323
		Class Stake out	DZ -2308.893	Code	80024
		Obs L1 Fixed	H.pr 0.018	V.pr	0.031
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1582 sec 599328.4		End wk 1582 sec 599333.4	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000370034	VCV xy	0.0000322355
		VCV xz	-0.000017525	VCV yy	0.0001200065
		VCV yz	-0.0000510643	VCV zz	0.0000419816
PT DGN	SO	Name	80024	To the Point	
GRID D	SO	Delta N	-0.080	Delta E	-0.529
		Delta Elv	0.066		
GPSVEC	SO	Point ID 580025	DX 1533.563	DY	-2577.618
		Class Stake out	DZ -2289.723	Code	80025
		Obs L1 Fixed	H.pr 0.018	V.pr	0.031
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	11.1
		Horz SD		Vert SD	
		Start wk 1582 sec 599399.0		End wk 1582 sec 599404.0	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.000036537	VCV xy	0.000031813
		VCV xz	-0.000017141	VCV yy	0.000119562
		VCV yz	-0.0000503432	VCV zz	0.0000413611
PT DGN	SO	Name	80025	To the Point	
GRID D	SO	Delta N	-0.042	Delta E	-0.680
		Delta Elv	0.039		
GPSVEC	SO	Point ID 580026	DX 1545.211	DY	-2570.390
		Class Stake out	DZ -2274.033	Code	80026
		Obs L1 Fixed	H.pr 0.018	V.pr	0.031
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.8
		Horz SD		Vert SD	
		Start wk 1582 sec 599452.6		End wk 1582 sec 599457.6	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000364834	VCV xy	0.0000318311
		VCV xz	-0.0000170221	VCV yy	0.0001203539
		VCV yz	-0.0000502656	VCV zz	0.0000412771

PT DGN	SO	Name	80026	To the Point	
GRID D	SO	Delta N	0.096	Delta E	-0.547
		Delta Elv	0.044		
GPSVEC	SO	Point ID 580027	DX 1559.771	DY -2565.751	
		Class Stake out	DZ -2260.300	Code 80027	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.031	
GPSQC1	NM	Min SVs 13	PDOP max 1.5		
		Relative DOPs Yes	HDOP max 0.7		
		Total GPS pos 6	VDOP max 1.3		
		Monitor status Not monitored	RMS 14.5		
		Horz SD	Vert SD		
		Start wk 1582 sec 599506.6	End wk 1582 sec 599512.4		
GPSQC2	NM	Ttl satellites 13	Err Scale 0.0077459668		
		VCV xx 0.0000359744	VCV xy 0.0000313939		
		VCV xz -0.0000166837	VCV yy 0.0001195		
		VCV yz -0.0000495353	VCV zz 0.0000406966		
PT DGN	SO	Name	80027	To the Point	
GRID D	SO	Delta N	-0.277	Delta E	-0.461
		Delta Elv	0.028		
GPSVEC	SO	Point ID 580028	DX 1581.310	DY -2563.657	
		Class Stake out	DZ -2246.374	Code 80028	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.031	
GPSQC1	NM	Min SVs 13	PDOP max 1.5		
		Relative DOPs Yes	HDOP max 0.7		
		Total GPS pos 6	VDOP max 1.3		
		Monitor status Not monitored	RMS 13.4		
		Horz SD	Vert SD		
		Start wk 1582 sec 599581.4	End wk 1582 sec 599586.4		
GPSQC2	NM	Ttl satellites 13	Err Scale 0.0077459668		
		VCV xx 0.0000356541	VCV xy 0.000031164		
		VCV xz -0.0000164095	VCV yy 0.0001195997		
		VCV yz -0.0000490669	VCV zz 0.0000403479		
PT DGN	SO	Name	80028	To the Point	
GRID D	SO	Delta N	-0.440	Delta E	-0.349
		Delta Elv	-0.003		
NOTE	TS	Time Date 05/08/2010 Time 15:33:52			
GPSVEC	SO	Point ID 580029	DX 1603.348	DY -2568.422	
		Class Stake out	DZ -2239.550	Code 80029	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.031	
GPSQC1	NM	Min SVs 13	PDOP max 1.5		
		Relative DOPs Yes	HDOP max 0.7		
		Total GPS pos 6	VDOP max 1.3		
		Monitor status Not monitored	RMS 14.1		
		Horz SD	Vert SD		
		Start wk 1582 sec 599638.4	End wk 1582 sec 599643.4		
GPSQC2	NM	Ttl satellites 13	Err Scale 0.0077459668		
		VCV xx 0.0000356783	VCV xy 0.0000312427		
		VCV xz -0.0000163232	VCV yy 0.0001205967		
		VCV yz -0.0000490825	VCV zz 0.0000404012		
PT DGN	SO	Name	80029	To the Point	
GRID D	SO	Delta N	-0.045	Delta E	-0.134
		Delta Elv	-0.077		
GPSVEC	SO	Point ID 580030	DX 1620.792	DY -2575.558	
		Class Stake out	DZ -2238.490	Code 80030	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.031	
GPSQC1	NM	Min SVs 13	PDOP max 1.5		
		Relative DOPs Yes	HDOP max 0.7		
		Total GPS pos 6	VDOP max 1.3		
		Monitor status Not monitored	RMS 15.1		
		Horz SD	Vert SD		
		Start wk 1582 sec 599682.4	End wk 1582 sec 599687.4		
GPSQC2	NM	Ttl satellites 13	Err Scale 0.0077459668		
		VCV xx 0.0000359556	VCV xy 0.0000315485		
		VCV xz -0.0000163768	VCV yy 0.0001222388		
		VCV yz -0.0000494449	VCV zz 0.000040738		
PT DGN	SO	Name	80030	To the Point	
GRID D	SO	Delta N	0.060	Delta E	-0.363
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 580031	DX 1643.001	DY -2587.677	
		Class Stake out	DZ -2240.955	Code 80031	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.031	
GPSQC1	NM	Min SVs 13	PDOP max 1.5		
		Relative DOPs Yes	HDOP max 0.7		
		Total GPS pos 7	VDOP max 1.3		
		Monitor status Not monitored	RMS 13.9		
		Horz SD	Vert SD		
		Start wk 1582 sec 599748.2	End wk 1582 sec 599754.0		

```

GPSQC2 NM Ttl satellites 13 Err Scale 0.0077459668
          VCV xx 0.0000351279 VCV xy 0.0000307541
          VCV xz -0.0000158681 VCV yy 0.0001201039
          VCV yz -0.000048208 VCV zz 0.0000398532

PT DGN SO Name 80031 To the Point

GRID D SO Delta N -0.787 Delta E -0.190
        Delta Elv -0.031

GPSVEC SO Point ID 580032 DX 1683.700 DY -2617.246
        Class Stake out DZ -2254.590 Code 80032
        Obs L1 Fixed H.pr 0.018 V.pr 0.031

GPSQC1 NM Min SVs 12 PDOP max 1.5
          Relative DOPs Yes HDOP max 0.7
          Total GPS pos 6 VDOP max 1.3
          Monitor status Not monitored RMS 11.0
          Horz SD Vert SD
          Start wk 1582 sec 599816.6 End wk 1582 sec 599821.6

GPSQC2 NM Ttl satellites 12 Err Scale 0.0077459668
          VCV xx 0.0000361805 VCV xy 0.0000324812
          VCV xz -0.000016442 VCV yy 0.0001231327
          VCV yz -0.0000490609 VCV zz 0.0000402022

PT DGN SO Name 80032 To the Point

GRID D SO Delta N 0.498 Delta E -0.174
        Delta Elv -0.022

GPSVEC SO Point ID 580033 DX 1734.088 DY -2653.381
        Class Stake out DZ -2270.520 Code 80033
        Obs L1 Fixed H.pr 0.018 V.pr 0.031

GPSQC1 NM Min SVs 12 PDOP max 1.5
          Relative DOPs Yes HDOP max 0.7
          Total GPS pos 6 VDOP max 1.3
          Monitor status Not monitored RMS 9.9
          Horz SD Vert SD
          Start wk 1582 sec 599888.2 End wk 1582 sec 599893.2

GPSQC2 NM Ttl satellites 12 Err Scale 0.0077459668
          VCV xx 0.0000371788 VCV xy 0.0000339368
          VCV xz -0.0000169267 VCV yy 0.0001260537
          VCV yz -0.0000498814 VCV zz 0.0000406848

PT DGN SO Name 80033 To the Point

GRID D SO Delta N 0.518 Delta E 0.080
        Delta Elv 0.003

GPSVEC SO Point ID 580034 DX 1764.993 DY -2678.452
        Class Stake out DZ -2282.259 Code 80034
        Obs L1 Fixed H.pr 0.018 V.pr 0.031

GPSQC1 NM Min SVs 12 PDOP max 1.5
          Relative DOPs Yes HDOP max 0.7
          Total GPS pos 6 VDOP max 1.3
          Monitor status Not monitored RMS 11.0
          Horz SD Vert SD
          Start wk 1582 sec 599941.8 End wk 1582 sec 599946.8

GPSQC2 NM Ttl satellites 12 Err Scale 0.0077459668
          VCV xx 0.0000372979 VCV xy 0.0000340711
          VCV xz -0.0000168918 VCV yy 0.0001267955
          VCV yz -0.0000499005 VCV zz 0.000040819

PT DGN SO Name 80034 To the Point

GRID D SO Delta N 0.486 Delta E -0.279
        Delta Elv 0.001

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY EVENTKISurvey event Rover survey started

GPSANT KI Antenna ht 0.000 Measurement True

GPSPOS FD Point ID 60000 Lat 36°03'20.28840"N Lng 115°01'24.44658"W
        Class Control Hgt 1657.677 Code NEW BASE_1_7_10
        Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver SPS851 Serial no <no text>
        Antenna Zephyr - Model 2
        Meas To Antenna Phase Center
        Tape adj 0.000 Serial no <no text>
        H.Offset 0.000 V.Offset 0.000

NOTE NM Receiver firmware version=0.000

GPSANT KI Antenna ht 5.151 Measurement True

GPSREF KI Reference 60000

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INIT	KI	Init event	Gained	Week	1582
		Init type	On the fly	seconds	600126.0
		Init counter	1	Point ID	<no text>
		Survey type	Real Time	Plate H.Dist	<null>
		Plate V.Dist	<null>	Plate azimuth	<null>
EQUIP	NM	Receiver	R8-2	Serial no	4906165952
		Antenna	R8 Model 2/SPS88x Internal		
		Meas To	Bottom of antenna mount		
		Tape adj	0.000	Serial no	<no text>
		H.Offset	0.000	V.Offset	0.213
NOTE	NM	Receiver firmware version=4.120			
GPSANT	KI	Antenna ht	6.890	Measuremt	Uncorrected
GPSVEC	SO	Point ID 580035	DX 1824.867	DY	-2708.229
		Class Stake out	DZ -2285.519	Code	80035
		Obs L1 Fixed	H.pr 0.018	V.pr	0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	10.6
		Horz SD		Vert SD	
		Start wk 1582 sec	600232.8	End wk 1582 sec	600237.8
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000359676	VCV xy	0.0000325257
		VCV xz	-0.0000156544	VCV yy	0.0001249849
		VCV yz	-0.0000477296	VCV zz	0.0000402747
PT DGN	SO	Name	80035	To the Point	
GRID D	SO	Delta N	0.489	Delta E	-0.128
		Delta Elv	-0.010		
GPSVEC	SO	Point ID 580036	DX 1868.770	DY	-2733.075
		Class Stake out	DZ -2289.686	Code	80036
		Obs L1 Fixed	H.pr 0.018	V.pr	0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	8.8
		Horz SD		Vert SD	
		Start wk 1582 sec	600284.2	End wk 1582 sec	600290.0
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000355748	VCV xy	0.00003207
		VCV xz	-0.0000153686	VCV yy	0.0001239306
		VCV yz	-0.0000471286	VCV zz	0.0000400463
PT DGN	SO	Name	80036	To the Point	
GRID D	SO	Delta N	0.022	Delta E	-0.204
		Delta Elv	-0.027		
GPSVEC	SO	Point ID 580037	DX 1912.358	DY	-2756.464
		Class Stake out	DZ -2293.296	Code	80037
		Obs L1 Fixed	H.pr 0.019	V.pr	0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.3
		Horz SD		Vert SD	
		Start wk 1582 sec	600334.8	End wk 1582 sec	600339.8
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000359156	VCV xy	0.0000323273
		VCV xz	-0.0000154019	VCV yy	0.0001255209
		VCV yz	-0.0000475103	VCV zz	0.0000406473
PT DGN	SO	Name	80037	To the Point	
GRID D	SO	Delta N	0.198	Delta E	-0.002
		Delta Elv	0.009		
GPSVEC	SO	Point ID 580038	DX 1957.161	DY	-2778.115
		Class Stake out	DZ -2295.333	Code	80038
		Obs L1 Fixed	H.pr 0.019	V.pr	0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	8.8
		Horz SD		Vert SD	
		Start wk 1582 sec	600387.0	End wk 1582 sec	600392.0
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000358981	VCV xy	0.0000322236
		VCV xz	-0.0000152738	VCV yy	0.0001257624
		VCV yz	-0.0000474003	VCV zz	0.0000408679
PT DGN	SO	Name	80038	To the Point	
GRID D	SO	Delta N	0.273	Delta E	0.284
		Delta Elv	-0.002		
GPSVEC	SO	Point ID 580039	DX 2001.354	DY	-2802.111
		Class Stake out	DZ -2299.082	Code	80039
		Obs L1 Fixed	H.pr 0.019	V.pr	0.031

GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1582 sec	600445.0	End wk 1582 sec	600450.8
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000357038	VCV xy	0.000031919
		VCV xz	-0.0000150573	VCV yy	0.0001253179
		VCV yz	-0.0000470406	VCV zz	0.0000409376
PT DGN	SO	Name	80039	To the Point	
GRID D	SO	Delta N	0.417	Delta E	0.059
		Delta Elv	-0.027		
GPSVEC	SO	Point ID 580040		DX 2046.474	DY -2823.539
		Class Stake out		DZ -2300.647	Code 80040
		Obs L1 Fixed		H.pr 0.019	V.pr 0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	5	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1582 sec	600504.4	End wk 1582 sec	600509.6
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000358579	VCV xy	0.0000319768
		VCV xz	-0.0000149867	VCV yy	0.0001261693
		VCV yz	-0.0000471448	VCV zz	0.0000414205
PT DGN	SO	Name	80040	To the Point	
GRID D	SO	Delta N	0.017	Delta E	-0.051
		Delta Elv	-0.074		
GPSVEC	SO	Point ID 580041		DX 2091.947	DY -2844.437
		Class Stake out		DZ -2301.919	Code 80041
		Obs L1 Fixed		H.pr 0.019	V.pr 0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.4
		Horz SD		Vert SD	
		Start wk 1582 sec	600558.8	End wk 1582 sec	600564.6
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000356084	VCV xy	0.000031634
		VCV xz	-0.0000147588	VCV yy	0.0001254413
		VCV yz	-0.0000467202	VCV zz	0.0000414336
PT DGN	SO	Name	80041	To the Point	
GRID D	SO	Delta N	-0.148	Delta E	0.086
		Delta Elv	-0.073		
GPSVEC	SO	Point ID 580042		DX 2136.377	DY -2867.497
		Class Stake out		DZ -2305.142	Code 80042
		Obs L1 Fixed		H.pr 0.019	V.pr 0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	10.5
		Horz SD		Vert SD	
		Start wk 1582 sec	600618.0	End wk 1582 sec	600623.0
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000357672	VCV xy	0.0000316962
		VCV xz	-0.0000146906	VCV yy	0.0001262523
		VCV yz	-0.0000468333	VCV zz	0.000041955
PT DGN	SO	Name	80042	To the Point	
GRID D	SO	Delta N	0.386	Delta E	-0.111
		Delta Elv	-0.095		
GPSVEC	SO	Point ID 580043		DX 2178.750	DY -2890.359
		Class Stake out		DZ -2308.628	Code 80043
		Obs L1 Fixed		H.pr 0.019	V.pr 0.031
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	9.7
		Horz SD		Vert SD	
		Start wk 1582 sec	600665.2	End wk 1582 sec	600670.2
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000342762	VCV xy	0.0000304056
		VCV xz	-0.0000134572	VCV yy	0.0001258711
		VCV yz	-0.0000460009	VCV zz	0.0000415831
PT DGN	SO	Name	80043	To the Point	
GRID D	SO	Delta N	0.295	Delta E	-0.200
		Delta Elv	-0.057		

GPSVEC SO Point ID 580044 DX 2207.368 DY -2905.687
Class Stake out DZ -2311.323 Code 80044
Obs L1 Fixed H.pr 0.019 V.pr 0.031

GPSQC1 NM Min SVs 13 PDOP max 1.5
Relative DOPs Yes HDOP max 0.8
Total GPS pos 6 VDOP max 1.3
Monitor status Not monitored RMS 10.9
Horz SD Vert SD
Start wk 1582 sec 600757.0 End wk 1582 sec 600762.0

GPSQC2 NM Ttl satellites 13 Err Scale 0.0077459668
VCV xx 0.0000342089 VCV xy 0.0000302467
VCV xz -0.0000131968 VCV yy 0.0001264603
VCV yz -0.0000458326 VCV zz 0.0000422017

PT DGN SO Name 80044 To the Point

GRID D SO Delta N 0.921 Delta E -0.002
Delta Elv 0.090

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 05/10/2010 Time 10:13:45

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY EVENTKISurvey event Rover survey started

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS FD Point ID 60000 Lat 36°03'20.28840"N Lng 115°01'24.44658"W
Class Control Hgt 1657.677 Code NEW BASE_1_7_10
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver SPS851 Serial no <no text>
Antenna Zephyr - Model 2
Meas To Antenna Phase Center
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.000

NOTE NM Receiver firmware version=0.000

GPSANT KI Antenna ht 5.151 Measuremt True

GPSREF KI Reference 60000

INIT KI Init event Gained Week 1583
Init type On the fly seconds 148460.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H.Dist <null>
Plate V.Dist <null> Plate azimuth <null>

INIT KI Init event Lost Week 1583
Init type On the fly seconds 148855.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H.Dist <null>
Plate V.Dist <null> Plate azimuth <null>

INIT KI Init event Gained Week 1583
Init type On the fly seconds 148856.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H.Dist <null>
Plate V.Dist <null> Plate azimuth <null>

EQUIP NM Receiver R8-2 Serial no 4906165952
Antenna R8 Model 2/SPS88x Internal
Meas To Bottom of antenna mount
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.213

NOTE NM Receiver firmware version=4.120

GPSANT KI Antenna ht 6.890 Measuremt Uncorrected

GPSVEC SO Point ID 520023 DX 2178.070 DY -2897.598
Class Stake out DZ -2315.265 Code 20023
Obs L1 Fixed H.pr 0.015 V.pr 0.031

GPSQC1 NM Min SVs 14 PDOP max 1.4
Relative DOPs Yes HDOP max 0.6
Total GPS pos 6 VDOP max 1.3
Monitor status Not monitored RMS 10.4
Horz SD Vert SD
Start wk 1583 sec 148980.0 End wk 1583 sec 148985.0

GPSQC2 NM Ttl satellites 14 Err Scale 0.0077459668
VCV xx 0.0000586317 VCV xy 0.0000599382
VCV xz -0.0000345873 VCV yy 0.0000847363
VCV yz -0.0000442921 VCV zz 0.0000392771

PT DGN SO Name 20023 To the Point

GRID D SO Delta N 0.225 Delta E -0.022
Delta Elv -0.035

GPSVEC SO Point ID 520024 DX 2173.920 DY -2905.982
Class Stake out DZ -2325.909 Code 20024
Obs L1 Fixed H.pr 0.016 V.pr 0.033

GPSQC1	NM	Min SVs	14	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	10.3
		Horz SD		Vert SD	
		Start wk 1583 sec 149052.2		End wk 1583 sec 149057.2	
GPSQC2	NM	Ttl satellites	14	Err Scale	0.0077459668
		VCV xx	0.0000653513	VCV xy	0.0000667471
		VCV xz	-0.0000392488	VCV yy	0.0000939393
		VCV yz	-0.0000501692	VCV zz	0.0000447735
PT DGN	SO	Name	20024	To the Point	
GRID D	SO	Delta N	-0.368	Delta E	-0.072
		Delta Elv	-0.034		
GPSVEC	SO	Point ID 520027	DX 2131.691	DY	-2875.553
		Class Stake out	DZ -2313.766	Code	20027
		Obs L1 Fixed	H.pr 0.016	V.pr	0.035
GPSQC1	NM	Min SVs	14	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	12.8
		Horz SD		Vert SD	
		Start wk 1583 sec 149155.2		End wk 1583 sec 149160.2	
GPSQC2	NM	Ttl satellites	14	Err Scale	0.0077459668
		VCV xx	0.0000736692	VCV xy	0.0000747201
		VCV xz	-0.0000452729	VCV yy	0.0001039716
		VCV yz	-0.0000575318	VCV zz	0.0000521988
PT DGN	SO	Name	20027	To the Point	
GRID D	SO	Delta N	-0.678	Delta E	-0.020
		Delta Elv	-0.048		
GPSVEC	SO	Point ID 520028	DX 2119.103	DY	-2895.882
		Class Stake out	DZ -2338.598	Code	20028
		Obs L1 Fixed	H.pr 0.023	V.pr	0.050
GPSQC1	NM	Min SVs	13	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	18.3
		Horz SD		Vert SD	
		Start wk 1583 sec 149235.6		End wk 1583 sec 149240.6	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.009104766
		VCV xx	0.0001087142	VCV xy	0.0001106328
		VCV xz	-0.0000682286	VCV yy	0.0001545129
		VCV yz	-0.00008722	VCV zz	0.0000796399
PT DGN	SO	Name	20028	To the Point	
GRID D	SO	Delta N	-0.335	Delta E	-0.035
		Delta Elv	-0.068		
GPSVEC	SO	Point ID 520029	DX 2112.571	DY	-2907.937
		Class Stake out	DZ -2353.440	Code	20029
		Obs L1 Fixed	H.pr 0.016	V.pr	0.035
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	11.6
		Horz SD		Vert SD	
		Start wk 1583 sec 149302.6		End wk 1583 sec 149307.6	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000717701	VCV xy	0.0000726844
		VCV xz	-0.0000457988	VCV yy	0.0001008228
		VCV yz	-0.0000587697	VCV zz	0.0000547959
PT DGN	SO	Name	20029	To the Point	
GRID D	SO	Delta N	0.725	Delta E	-0.025
		Delta Elv	0.022		
GPSVEC	SO	Point ID 520025	DX 2135.157	DY	-2917.012
		Class Stake out	DZ -2354.123	Code	20025
		Obs L1 Fixed	H.pr 0.016	V.pr	0.035
GPSQC1	NM	Min SVs	13	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	14.9
		Horz SD		Vert SD	
		Start wk 1583 sec 149350.4		End wk 1583 sec 149355.4	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000723632	VCV xy	0.0000735647
		VCV xz	-0.0000468085	VCV yy	0.0001026641
		VCV yz	-0.0000604339	VCV zz	0.0000565142
PT DGN	SO	Name	20025	To the Point	
GRID D	SO	Delta N	-0.206	Delta E	-0.229
		Delta Elv	-0.027		

GPSVEC	SO	Point ID 560027	DX	2153.344	DY	-2929.480
		Class Stake out	DZ	-2361.652	Code	60027
		Obs L1 Fixed	H.pr	0.017	V.pr	0.037
GPSQC1	NM	Min SVs 13		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 5		VDOP max	1.5	
		Monitor status Not monitored		RMS	12.2	
		Horz SD		Vert SD		
		Start wk 1583 sec 149407.4		End wk 1583 sec 149412.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000778426		VCV xy	0.0000792784	
		VCV xz -0.0000511308		VCV yy	0.0001109236	
		VCV yz -0.0000662432		VCV zz	0.0000623051	
PT DGN	SO	Name 60027		To the Point		
GRID D	SO	Delta N -0.275		Delta E	-0.333	
		Delta Elv -0.043				
GPSVEC	SO	Point ID 560054	DX	2165.372	DY	-2944.273
		Class Stake out	DZ	-2374.283	Code	60054
		Obs L1 Fixed	H.pr	0.017	V.pr	0.037
GPSQC1	NM	Min SVs 13		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	12.1	
		Horz SD		Vert SD		
		Start wk 1583 sec 149491.6		End wk 1583 sec 149497.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.000080121		VCV xy	0.0000814239	
		VCV xz -0.0000537303		VCV yy	0.0001133276	
		VCV yz -0.000069552		VCV zz	0.000066362	
PT DGN	SO	Name 60054		To the Point		
GRID D	SO	Delta N -0.227		Delta E	0.040	
		Delta Elv -0.054				
GPSVEC	SO	Point ID 560028	DX	2121.982	DY	-2944.806
		Class Stake out	DZ	-2392.598	Code	60028
		Obs L1 Fixed	H.pr	0.017	V.pr	0.039
GPSQC1	NM	Min SVs 12		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	11.2	
		Horz SD		Vert SD		
		Start wk 1583 sec 149561.6		End wk 1583 sec 149566.6		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.000084006		VCV xy	0.0000856266	
		VCV xz -0.0000574409		VCV yy	0.0001198075	
		VCV yz -0.0000746962		VCV zz	0.0000717516	
PT DGN	SO	Name 60028		To the Point		
GRID D	SO	Delta N 0.063		Delta E	-0.050	
		Delta Elv -0.038				
GPSVEC	SO	Point ID 541247	DX	2054.657	DY	-2898.895
		Class Stake out	DZ	-2369.634	Code	41247
		Obs L1 Fixed	H.pr	0.018	V.pr	0.044
GPSQC1	NM	Min SVs 12		PDOP max	1.9	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 7		VDOP max	1.7	
		Monitor status Not monitored		RMS	12.5	
		Horz SD		Vert SD		
		Start wk 1583 sec 149639.2		End wk 1583 sec 149645.0		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.0001038807		VCV xy	0.0001076335	
		VCV xz -0.0000791474		VCV yy	0.0001470307	
		VCV yz -0.0001006958		VCV zz	0.0000992073	
PT DGN	SO	Name 41247		To the Point		
GRID D	SO	Delta N -0.312		Delta E	0.314	
		Delta Elv -0.085				
GPSVEC	SO	Point ID 520030	DX	2067.055	DY	-2891.936
		Class Stake out	DZ	-2355.841	Code	20030
		Obs L1 Fixed	H.pr	0.018	V.pr	0.044
GPSQC1	NM	Min SVs 12		PDOP max	2.0	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.8	
		Monitor status Not monitored		RMS	10.5	
		Horz SD		Vert SD		
		Start wk 1583 sec 149678.6		End wk 1583 sec 149683.6		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.000105188		VCV xy	0.0001092804	
		VCV xz -0.0000816562		VCV yy	0.0001490155	
		VCV yz -0.0001038517		VCV zz	0.0001030249	
PT DGN	SO	Name 20030		To the Point		

GRID D	SO	Delta N	0.086	Delta E	0.297
		Delta Elv	-0.003		
GPSVEC	SO	Point ID 520031	DX 2074.687	DY -2877.215	
		Class Stake out	DZ -2338.073	Code 20031	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.045	
GPSQC1	NM	Min SVs	12	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	8.6
		Horz SD		Vert SD	
		Start wk 1583	sec 149723.4	End wk 1583	sec 149728.4
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0001076595	VCV xy	0.0001120564
		VCV xz	-0.0000847085	VCV yy	0.0001529003
		VCV yz	-0.0001079411	VCV zz	0.0001077716
PT DGN	SO	Name	20031	To the Point	
GRID D	SO	Delta N	-0.136	Delta E	0.073
		Delta Elv	0.012		
GPSVEC	SO	Point ID 520032	DX 2082.311	DY -2861.545	
		Class Stake out	DZ -2320.600	Code 20032	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.045	
GPSQC1	NM	Min SVs	12	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	10.7
		Horz SD		Vert SD	
		Start wk 1583	sec 149767.6	End wk 1583	sec 149772.6
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0001068377	VCV xy	0.0001110541
		VCV xz	-0.0000845675	VCV yy	0.0001494971
		VCV yz	-0.0001052292	VCV zz	0.0001050238
PT DGN	SO	Name	20032	To the Point	
GRID D	SO	Delta N	0.299	Delta E	-0.074
		Delta Elv	-0.004		
GPSVEC	SO	Point ID 520035	DX 2038.412	DY -2836.231	
		Class Stake out	DZ -2314.878	Code 20035	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.045	
GPSQC1	NM	Min SVs	12	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	12.6
		Horz SD		Vert SD	
		Start wk 1583	sec 149861.6	End wk 1583	sec 149866.6
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.000106175	VCV xy	0.0001107309
		VCV xz	-0.000085773	VCV yy	0.000151785
		VCV yz	-0.0001099543	VCV zz	0.0001118097
PT DGN	SO	Name	20035	To the Point	
GRID D	SO	Delta N	0.221	Delta E	-0.130
		Delta Elv	-0.051		
GPSVEC	SO	Point ID 520036	DX 2029.481	DY -2853.281	
		Class Stake out	DZ -2334.117	Code 20036	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.045	
GPSQC1	NM	Min SVs	12	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	5	VDOP max	1.8
		Monitor status	Not monitored	RMS	12.6
		Horz SD		Vert SD	
		Start wk 1583	sec 149914.4	End wk 1583	sec 149919.4
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0001048862	VCV xy	0.0001094944
		VCV xz	-0.0000855256	VCV yy	0.0001508971
		VCV yz	-0.0001104594	VCV zz	0.0001132564
PT DGN	SO	Name	20036	To the Point	
GRID D	SO	Delta N	0.071	Delta E	0.252
		Delta Elv	-0.049		
GPSVEC	SO	Point ID 520037	DX 2023.185	DY -2865.892	
		Class Stake out	DZ -2348.852	Code 20037	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.045	
GPSQC1	NM	Min SVs	12	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	7	VDOP max	1.8
		Monitor status	Not monitored	RMS	13.0
		Horz SD		Vert SD	
		Start wk 1583	sec 149957.4	End wk 1583	sec 149963.2
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0001027076	VCV xy	0.0001071439
		VCV xz	-0.0000843075	VCV yy	0.0001455652
		VCV yz	-0.0001084548	VCV zz	0.0001126608

PT DGN	SO	Name	20037	To the Point	
GRID D	SO	Delta N	0.417	Delta E	0.117
		Delta Elv	0.001		
GPSVEC	SO	Point ID 541250	DX 2014.368	DY	-2878.498
		Class Stake out	DZ -2366.735	Code	41250
		Obs L1 Fixed	H.pr 0.018	V.pr	0.045
GPSQC1	NM	Min SVs 12	PDOP max	2.0	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 6	VDOP max	1.8	
		Monitor status Not monitored	RMS	11.1	
		Horz SD	Vert SD		
		Start wk 1583 sec 150037.4	End wk 1583	sec 150042.4	
GPSQC2	NM	Ttl satellites 12	Err Scale	0.0077459668	
		VCV xx 0.0001007797	VCV xy	0.0001053238	
		VCV xz -0.0000837775	VCV yy	0.0001462354	
		VCV yz -0.0001095126	VCV zz	0.0001146241	
PT DGN	SO	Name	41250	To the Point	
GRID D	SO	Delta N	-0.054	Delta E	-0.006
		Delta Elv	-0.093		
GPSVEC	SO	Point ID 541047	DX 2008.046	DY	-2888.970
		Class Stake out	DZ -2382.360	Code	41047
		Obs L1 Fixed	H.pr 0.018	V.pr	0.045
GPSQC1	NM	Min SVs 12	PDOP max	2.0	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 6	VDOP max	1.8	
		Monitor status Not monitored	RMS	11.1	
		Horz SD	Vert SD		
		Start wk 1583 sec 150099.6	End wk 1583	sec 150104.6	
GPSQC2	NM	Ttl satellites 12	Err Scale	0.0077459668	
		VCV xx 0.0000986584	VCV xy	0.000103147	
		VCV xz -0.0000827259	VCV yy	0.0001444851	
		VCV yz -0.0001090612	VCV zz	0.0001151918	
PT DGN	SO	Name	41047	To the Point	
GRID D	SO	Delta N	-0.013	Delta E	0.171
		Delta Elv	-0.060		
GPSVEC	SO	Point ID 541266	DX 1968.582	DY	-2867.905
		Class Stake out	DZ -2378.866	Code	41266
		Obs L1 Fixed	H.pr 0.018	V.pr	0.044
GPSQC1	NM	Min SVs 12	PDOP max	2.0	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 6	VDOP max	1.8	
		Monitor status Not monitored	RMS	9.0	
		Horz SD	Vert SD		
		Start wk 1583 sec 150147.0	End wk 1583	sec 150152.0	
GPSQC2	NM	Ttl satellites 12	Err Scale	0.0077459668	
		VCV xx 0.0000965136	VCV xy	0.0001009161	
		VCV xz -0.0000814304	VCV yy	0.0001421513	
		VCV yz -0.0001079946	VCV zz	0.0001149303	
PT DGN	SO	Name	41266	To the Point	
GRID D	SO	Delta N	-0.081	Delta E	-0.021
		Delta Elv	-0.033		
NOTE	TS	Time Date 05/10/2010 Time 10:43:48			
GPSVEC	SO	Point ID 541267	DX 1975.446	DY	-2858.238
		Class Stake out	DZ -2364.511	Code	41267
		Obs L1 Fixed	H.pr 0.018	V.pr	0.043
GPSQC1	NM	Min SVs 12	PDOP max	1.9	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 7	VDOP max	1.8	
		Monitor status Not monitored	RMS	11.1	
		Horz SD	Vert SD		
		Start wk 1583 sec 150235.8	End wk 1583	sec 150241.6	
GPSQC2	NM	Ttl satellites 12	Err Scale	0.0077459668	
		VCV xx 0.0000912305	VCV xy	0.0000953768	
		VCV xz -0.0000778174	VCV yy	0.0001357831	
		VCV yz -0.0001044259	VCV zz	0.000112845	
PT DGN	SO	Name	41267	To the Point	
GRID D	SO	Delta N	-0.187	Delta E	-0.222
		Delta Elv	-0.056		
GPSVEC	SO	Point ID 520041	DX 1976.716	DY	-2843.984
		Class Stake out	DZ -2348.392	Code	20041
		Obs L1 Fixed	H.pr 0.018	V.pr	0.043
GPSQC1	NM	Min SVs 12	PDOP max	1.9	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 6	VDOP max	1.8	
		Monitor status Not monitored	RMS	12.6	
		Horz SD	Vert SD		
		Start wk 1583 sec 150279.8	End wk 1583	sec 150284.8	

GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000892251		VCV xy 0.0000932576
		VCV xz -0.0000764695		VCV yy 0.0001334494
		VCV yz -0.0001032159		VCV zz 0.0001123866
PT DGN	SO	Name 20041		To the Point
GRID D	SO	Delta N -0.191		Delta E 0.340
		Delta Elv -0.078		
GPSVEC	SO	Point ID 520040	DX 1984.898	DY -2829.498
		Class Stake out	DZ -2330.541	Code 20040
		Obs L1 Fixed	H.pr 0.017	V.pr 0.043
GPSQC1	NM	Min SVs 12		PDOP max 1.9
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 7		VDOP max 1.8
		Monitor status Not monitored		RMS 9.5
		Horz SD		Vert SD
		Start wk 1583 sec 150328.0		End wk 1583 sec 150333.8
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000868337		VCV xy 0.0000907189
		VCV xz -0.0000747955		VCV yy 0.0001306224
		VCV yz -0.0001016555		VCV zz 0.0001116598
PT DGN	SO	Name 20040		To the Point
GRID D	SO	Delta N -0.331		Delta E -0.010
		Delta Elv -0.081		
GPSVEC	SO	Point ID 520039	DX 1995.257	DY -2812.238
		Class Stake out	DZ -2310.362	Code 20039
		Obs L1 Fixed	H.pr 0.017	V.pr 0.042
GPSQC1	NM	Min SVs 12		PDOP max 1.9
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 1.7
		Monitor status Not monitored		RMS 10.0
		Horz SD		Vert SD
		Start wk 1583 sec 150432.6		End wk 1583 sec 150438.4
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000832456		VCV xy 0.0000868475
		VCV xz -0.0000723889		VCV yy 0.0001268356
		VCV yz -0.000099963		VCV zz 0.0001119468
PT DGN	SO	Name 20039		To the Point
GRID D	SO	Delta N -0.485		Delta E 0.003
		Delta Elv -0.040		
GPSVEC	SO	Point ID 520043	DX 1951.848	DY -2787.994
		Class Stake out	DZ -2305.851	Code 20043
		Obs L1 Fixed	H.pr 0.017	V.pr 0.042
GPSQC1	NM	Min SVs 12		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 1.7
		Monitor status Not monitored		RMS 13.2
		Horz SD		Vert SD
		Start wk 1583 sec 150509.8		End wk 1583 sec 150514.8
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000807197		VCV xy 0.0000840892
		VCV xz -0.0000706034		VCV yy 0.0001241927
		VCV yz -0.0000987415		VCV zz 0.0001122256
PT DGN	SO	Name 20043		To the Point
GRID D	SO	Delta N -0.250		Delta E 0.062
		Delta Elv 0.000		
GPSVEC	SO	Point ID 520044	DX 1944.212	DY -2802.120
		Class Stake out	DZ -2321.709	Code 20044
		Obs L1 Fixed	H.pr 0.017	V.pr 0.041
GPSQC1	NM	Min SVs 12		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 1.7
		Monitor status Not monitored		RMS 13.3
		Horz SD		Vert SD
		Start wk 1583 sec 150562.8		End wk 1583 sec 150567.8
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000783058		VCV xy 0.0000814706
		VCV xz -0.0000687261		VCV yy 0.0001213139
		VCV yz -0.0000970041		VCV zz 0.0001114062
PT DGN	SO	Name 20044		To the Point
GRID D	SO	Delta N -0.019		Delta E -0.001
		Delta Elv 0.039		
GPSVEC	SO	Point ID 520045	DX 1936.314	DY -2814.257
		Class Stake out	DZ -2336.772	Code 20045
		Obs L1 Fixed	H.pr 0.017	V.pr 0.041

GPSQC1	NM	Min SVs	12	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1583 sec 150602.6		End wk 1583 sec 150607.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000766103	VCV xy	0.0000796216
		VCV xz	-0.0000673924	VCV yy	0.0001193284
		VCV yz	-0.0000958161	VCV zz	0.0001109265
PT DGN	SO	Name	20045	To the Point	
GRID D	SO	Delta N	-0.007	Delta E	0.201
		Delta Elv	0.037		
GPSVEC	SO	Point ID 541287	DX 1896.109	DY	-2817.494
		Class Stake out	DZ -2359.754	Code	41287
		Obs L1 Fixed	H.pr 0.017	V.pr	0.040
GPSQC1	NM	Min SVs	12	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	7	VDOP max	1.7
		Monitor status	Not monitored	RMS	11.7
		Horz SD		Vert SD	
		Start wk 1583 sec 150701.2		End wk 1583 sec 150707.0	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000721187	VCV xy	0.0000747053
		VCV xz	-0.0000637164	VCV yy	0.0001138673
		VCV yz	-0.0000923371	VCV zz	0.000109096
PT DGN	SO	Name	41287	To the Point	
GRID D	SO	Delta N	-0.088	Delta E	-0.105
		Delta Elv	-0.055		
GPSVEC	SO	Point ID 541286	DX 1889.202	DY	-2827.467
		Class Stake out	DZ -2374.559	Code	41286
		Obs L1 Fixed	H.pr 0.017	V.pr	0.040
GPSQC1	NM	Min SVs	12	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	13.5
		Horz SD		Vert SD	
		Start wk 1583 sec 150747.8		End wk 1583 sec 150752.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000708801	VCV xy	0.0000732918
		VCV xz	-0.0000627012	VCV yy	0.0001126162
		VCV yz	-0.0000917113	VCV zz	0.000109403
PT DGN	SO	Name	41286	To the Point	
GRID D	SO	Delta N	-0.186	Delta E	-0.089
		Delta Elv	-0.072		
GPSVEC	SO	Point ID 541290	DX 1856.374	DY	-2796.501
		Class Stake out	DZ -2357.041	Code	41290
		Obs L1 Fixed	H.pr 0.017	V.pr	0.039
GPSQC1	NM	Min SVs	13	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	10.6
		Horz SD		Vert SD	
		Start wk 1583 sec 150816.8		End wk 1583 sec 150821.8	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000676268	VCV xy	0.0000686883
		VCV xz	-0.0000591163	VCV yy	0.0001049279
		VCV yz	-0.0000861008	VCV zz	0.0001057267
PT DGN	SO	Name	41290	To the Point	
GRID D	SO	Delta N	-0.431	Delta E	-0.144
		Delta Elv	-0.094		
GPSVEC	SO	Point ID 520048	DX 1891.190	DY	-2788.118
		Class Stake out	DZ -2330.848	Code	20048
		Obs L1 Fixed	H.pr 0.017	V.pr	0.039
GPSQC1	NM	Min SVs	13	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.2
		Horz SD		Vert SD	
		Start wk 1583 sec 150869.8		End wk 1583 sec 150874.8	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000660849	VCV xy	0.0000668642
		VCV xz	-0.0000577131	VCV yy	0.0001029606
		VCV yz	-0.0000848849	VCV zz	0.0001055853
PT DGN	SO	Name	20048	To the Point	
GRID D	SO	Delta N	-0.352	Delta E	0.023
		Delta Elv	-0.004		

GPSVEC	SO	Point ID 520049	DX	1903.066	DY	-2772.305
		Class Stake out	DZ	-2310.907	Code	20049
		Obs L1 Fixed	H.pr	0.017	V.pr	0.038
GPSQC1	NM	Min SVs 13		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.6	
		Monitor status Not monitored		RMS	12.1	
		Horz SD		Vert SD		
		Start wk 1583 sec 150922.4		End wk 1583 sec 150927.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000649859		VCV xy	0.0000655987	
		VCV xz -0.0000567464		VCV yy	0.0001020254	
		VCV yz -0.0000844652		VCV zz	0.0001062384	
PT DGN	SO	Name 20049		To the Point		
GRID D	SO	Delta N -0.416		Delta E	-0.237	
		Delta Elv -0.036				
GPSVEC	SO	Point ID 520050	DX	1908.907	DY	-2763.870
		Class Stake out	DZ	-2300.734	Code	20050
		Obs L1 Fixed	H.pr	0.017	V.pr	0.038
GPSQC1	NM	Min SVs 13		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.6	
		Monitor status Not monitored		RMS	12.6	
		Horz SD		Vert SD		
		Start wk 1583 sec 150988.4		End wk 1583 sec 150993.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000631162		VCV xy	0.0000634559	
		VCV xz -0.0000550168		VCV yy	0.0000998956	
		VCV yz -0.0000831067		VCV zz	0.0001061053	
PT DGN	SO	Name 20050		To the Point		
GRID D	SO	Delta N -0.470		Delta E	-0.783	
		Delta Elv -0.002				
GPSVEC	SO	Point ID 520053	DX	1863.639	DY	-2741.936
		Class Stake out	DZ	-2299.263	Code	20053
		Obs L1 Fixed	H.pr	0.017	V.pr	0.037
GPSQC1	NM	Min SVs 13		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	11.7	
		Horz SD		Vert SD		
		Start wk 1583 sec 151048.6		End wk 1583 sec 151054.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000605763		VCV xy	0.0000606542	
		VCV xz -0.0000526776		VCV yy	0.0000965994	
		VCV yz -0.0000807352		VCV zz	0.0001045494	
PT DGN	SO	Name 20053		To the Point		
GRID D	SO	Delta N -0.164		Delta E	-0.148	
		Delta Elv -0.068				
GPSVEC	SO	Point ID 520054	DX	1853.016	DY	-2761.082
		Class Stake out	DZ	-2322.000	Code	20054
		Obs L1 Fixed	H.pr	0.017	V.pr	0.037
GPSQC1	NM	Min SVs 13		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	12.7	
		Horz SD		Vert SD		
		Start wk 1583 sec 151090.4		End wk 1583 sec 151095.4		
GPSQC2	NM	Ttl satellites 13		Err Scale	0.0077459668	
		VCV xx 0.0000601426		VCV xy	0.0000600553	
		VCV xz -0.0000521918		VCV yy	0.000096407	
		VCV yz -0.0000808134		VCV zz	0.0001056705	
PT DGN	SO	Name 20054		To the Point		
GRID D	SO	Delta N -0.336		Delta E	0.059	
		Delta Elv 0.024				
GPSVEC	SO	Point ID 541307	DX	1815.958	DY	-2775.556
		Class Stake out	DZ	-2355.078	Code	41307
		Obs L1 Fixed	H.pr	0.017	V.pr	0.037
GPSQC1	NM	Min SVs 12		PDOP max	1.7	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	11.4	
		Horz SD		Vert SD		
		Start wk 1583 sec 151164.2		End wk 1583 sec 151169.2		
GPSQC2	NM	Ttl satellites 12		Err Scale	0.0077459668	
		VCV xx 0.000057883		VCV xy	0.0000573778	
		VCV xz -0.0000502555		VCV yy	0.0000930477	
		VCV yz -0.0000795121		VCV zz	0.0001070056	
PT DGN	SO	Name 41307		To the Point		

GRID D	SO	Delta N	-0.069	Delta E	0.100
		Delta Elv	-0.061		
GPSVEC	SO	Point ID 541163	DX 1810.938	DY -2788.436	
		Class Stake out	DZ -2372.389	Code 41163	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.039	
GPSQC1	NM	Min SVs	12	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.5
		Horz SD		Vert SD	
		Start wk 1583 sec 151235.8		End wk 1583 sec 151241.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000570107	VCV xy	0.0000586605
		VCV xz	-0.0000530262	VCV yy	0.0001028504
		VCV yz	-0.0000940833	VCV zz	0.0001289955
PT DGN	SO	Name	41163	To the Point	
GRID D	SO	Delta N	-0.233	Delta E	0.028
		Delta Elv	-0.088		
GPSVEC	SO	Point ID 541310	DX 1776.923	DY -2754.437	
		Class Stake out	DZ -2352.305	Code 41310	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.039	
GPSQC1	NM	Min SVs	12	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	15.3
		Horz SD		Vert SD	
		Start wk 1583 sec 151283.0		End wk 1583 sec 151288.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000560855	VCV xy	0.0000577926
		VCV xz	-0.0000524537	VCV yy	0.0001032667
		VCV yz	-0.0000955911	VCV zz	0.0001326052
PT DGN	SO	Name	41310	To the Point	
GRID D	SO	Delta N	-0.061	Delta E	-0.042
		Delta Elv	-0.017		
GPSVEC	SO	Point ID 541082	DX 1746.425	DY -2737.932	
		Class Stake out	DZ -2350.613	Code 41082	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.039	
GPSQC1	NM	Min SVs	12	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	11.3
		Horz SD		Vert SD	
		Start wk 1583 sec 151351.8		End wk 1583 sec 151357.0	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000541019	VCV xy	0.0000565547
		VCV xz	-0.0000511336	VCV yy	0.0001001571
		VCV yz	-0.0000940254	VCV zz	0.0001333262
PT DGN	SO	Name	41082	To the Point	
GRID D	SO	Delta N	0.086	Delta E	0.116
		Delta Elv	-0.058		
GPSVEC	SO	Point ID 520057	DX 1810.274	DY -2732.805	
		Class Stake out	DZ -2313.994	Code 20057	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.038	
GPSQC1	NM	Min SVs	12	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.4
		Horz SD		Vert SD	
		Start wk 1583 sec 151433.2		End wk 1583 sec 151439.0	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000520574	VCV xy	0.0000530132
		VCV xz	-0.0000479233	VCV yy	0.0000965322
		VCV yz	-0.0000907303	VCV zz	0.0001314281
PT DGN	SO	Name	20057	To the Point	
GRID D	SO	Delta N	-0.540	Delta E	0.024
		Delta Elv	-0.053		
GPSVEC	SO	Point ID 520058	DX 1816.678	DY -2722.042	
		Class Stake out	DZ -2300.480	Code 20058	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.038	
GPSQC1	NM	Min SVs	12	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.3
		Horz SD		Vert SD	
		Start wk 1583 sec 151496.2		End wk 1583 sec 151501.2	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000510636	VCV xy	0.0000515583
		VCV xz	-0.000046535	VCV yy	0.0000962588
		VCV yz	-0.0000906838	VCV zz	0.0001327334

PT DGN	SO	Name	20058	To the Point	
GRID D	SO	Delta N	-0.407	Delta E	-0.206
		Delta Elv	-0.001		
GPSVEC	SO	Point ID 520061	DX 1754.070	DY	-2685.664
		Class Stake out	DZ -2293.983	Code	20061
		Obs L1 Fixed	H.pr 0.019	V.pr	0.038
GPSQC1	NM	Min SVs	12	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	5	VDOP max	1.6
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1583 sec 151551.8		End wk 1583 sec 151557.4	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000499537	VCV xy	0.0000500313
		VCV xz	-0.0000450074	VCV yy	0.0000947544
		VCV yz	-0.0000894497	VCV zz	0.0001326219
PT DGN	SO	Name	20061	To the Point	
GRID D	SO	Delta N	-0.606	Delta E	0.194
		Delta Elv	-0.002		
GPSVEC	SO	Point ID 520062	DX 1743.522	DY	-2697.367
		Class Stake out	DZ -2311.065	Code	20062
		Obs L1 Fixed	H.pr 0.019	V.pr	0.037
GPSQC1	NM	Min SVs	12	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1583 sec 151622.4		End wk 1583 sec 151627.4	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000482264	VCV xy	0.0000478031
		VCV xz	-0.0000427537	VCV yy	0.0000919147
		VCV yz	-0.0000869602	VCV zz	0.0001311938
PT DGN	SO	Name	20062	To the Point	
GRID D	SO	Delta N	-0.421	Delta E	0.073
		Delta Elv	-0.063		
GPSVEC	SO	Point ID 520065	DX 1711.362	DY	-2672.478
		Class Stake out	DZ -2300.698	Code	20065
		Obs L1 Fixed	H.pr 0.019	V.pr	0.037
GPSQC1	NM	Min SVs	12	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1583 sec 151689.6		End wk 1583 sec 151694.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000465531	VCV xy	0.0000456625
		VCV xz	-0.00004055	VCV yy	0.0000889955
		VCV yz	-0.0000843242	VCV zz	0.0001294489
PT DGN	SO	Name	20065	To the Point	
GRID D	SO	Delta N	-0.644	Delta E	0.205
		Delta Elv	-0.066		
GPSVEC	SO	Point ID 520066	DX 1725.609	DY	-2660.911
		Class Stake out	DZ -2281.737	Code	20066
		Obs L1 Fixed	H.pr 0.019	V.pr	0.036
GPSQC1	NM	Min SVs	12	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk 1583 sec 151740.8		End wk 1583 sec 151745.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000455993	VCV xy	0.0000441187
		VCV xz	-0.0000388914	VCV yy	0.0000856507
		VCV yz	-0.0000810856	VCV zz	0.0001271008
PT DGN	SO	Name	20066	To the Point	
GRID D	SO	Delta N	-0.235	Delta E	0.087
		Delta Elv	-0.043		
GPSVEC	SO	Point ID 520069	DX 1668.626	DY	-2629.022
		Class Stake out	DZ -2274.243	Code	20069
		Obs L1 Fixed	H.pr 0.019	V.pr	0.036
GPSQC1	NM	Min SVs	12	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	13.4
		Horz SD		Vert SD	
		Start wk 1583 sec 151815.0		End wk 1583 sec 151820.0	

GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000440722		VCV xy 0.0000423239
		VCV xz -0.0000369396		VCV yy 0.0000842102
		VCV yz -0.0000798498		VCV zz 0.0001268651
PT DGN	SO	Name 20069		To the Point
GRID D	SO	Delta N -0.257		Delta E 0.142
		Delta Elv -0.066		
GPSVEC	SO	Point ID 520070	DX 1654.392	DY -2640.318
		Class Stake out	DZ -2293.814	Code 20070
		Obs L1 Fixed	H.pr 0.019	V.pr 0.035
GPSQC1	NM	Min SVs 12		PDOP max 1.7
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.5
		Monitor status Not monitored		RMS 11.7
		Horz SD		Vert SD
		Start wk 1583 sec 151860.6		End wk 1583 sec 151865.6
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000427388		VCV xy 0.000040735
		VCV xz -0.0000352882		VCV yy 0.0000819193
		VCV yz -0.0000776562		VCV zz 0.0001247427
PT DGN	SO	Name 20070		To the Point
GRID D	SO	Delta N -0.304		Delta E 0.270
		Delta Elv -0.066		
GPSVEC	SO	Point ID 541091	DX 1652.189	DY -2654.769
		Class Stake out	DZ -2310.111	Code 41091
		Obs L1 Fixed	H.pr 0.019	V.pr 0.035
GPSQC1	NM	Min SVs 12		PDOP max 1.6
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.4
		Monitor status Not monitored		RMS 15.4
		Horz SD		Vert SD
		Start wk 1583 sec 151959.0		End wk 1583 sec 151964.0
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000418836		VCV xy 0.000039234
		VCV xz -0.0000333426		VCV yy 0.0000804547
		VCV yz -0.0000761424		VCV zz 0.0001255294
PT DGN	SO	Name 41091		To the Point
GRID D	SO	Delta N -0.336		Delta E -0.279
		Delta Elv -0.059		
GPSVEC	SO	Point ID 541414	DX 1660.220	DY -2689.075
		Class Stake out	DZ -2343.192	Code 41414
		Obs L1 Fixed	H.pr 0.019	V.pr 0.035
GPSQC1	NM	Min SVs 12		PDOP max 1.6
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.4
		Monitor status Not monitored		RMS 15.0
		Horz SD		Vert SD
		Start wk 1583 sec 152014.6		End wk 1583 sec 152020.4
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000413123		VCV xy 0.0000382897
		VCV xz -0.0000321221		VCV yy 0.0000792822
		VCV yz -0.0000748596		VCV zz 0.0001253344
PT DGN	SO	Name 41414		To the Point
GRID D	SO	Delta N 0.320		Delta E 0.385
		Delta Elv 0.027		
NOTE	TS	Time Date 05/10/2010 Time 11:14:41		
GPSVEC	SO	Point ID 541342	DX 1588.834	DY -2661.669
		Class Stake out	DZ -2359.256	Code 41342
		Obs L1 Fixed	H.pr 0.019	V.pr 0.034
GPSQC1	NM	Min SVs 12		PDOP max 1.6
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.4
		Monitor status Not monitored		RMS 13.1
		Horz SD		Vert SD
		Start wk 1583 sec 152089.2		End wk 1583 sec 152094.2
GPSQC2	NM	Ttl satellites 12		Err Scale 0.0077459668
		VCV xx 0.0000399867		VCV xy 0.0000377202
		VCV xz -0.0000306766		VCV yy 0.0000764958
		VCV yz -0.0000722832		VCV zz 0.000123065
PT DGN	SO	Name 41342		To the Point
GRID D	SO	Delta N -0.493		Delta E 0.121
		Delta Elv -0.069		
GPSVEC	SO	Point ID 560500079	DX 1562.717	DY -2666.673
		Class Stake out	DZ -2381.072	Code 60500079
		Obs L1 Fixed	H.pr 0.020	V.pr 0.034

GPSQC1	NM	Min SVs	12	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.4
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1583 sec 152144.8		End wk 1583 sec 152150.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.000039371	VCV xy	0.0000359415
		VCV xz	-0.0000289931	VCV yy	0.0000752939
		VCV yz	-0.0000706893	VCV zz	0.000122602
PT DGN	SO	Name	60500079	To the Point	
GRID D	SO	Delta N	0.249	Delta E	-0.177
		Delta Elv	0.037		
GPSVEC	SO	Point ID 541093	DX 1595.500	DY	-2642.644
		Class Stake out	DZ -2331.763	Code	41093
		Obs L1 Fixed	H.pr 0.020	V.pr	0.035
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	13.6
		Horz SD		Vert SD	
		Start wk 1583 sec 152214.8		End wk 1583 sec 152219.8	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000391694	VCV xy	0.0000351646
		VCV xz	-0.0000279971	VCV yy	0.0000783573
		VCV yz	-0.0000761874	VCV zz	0.0001349486
PT DGN	SO	Name	41093	To the Point	
GRID D	SO	Delta N	-0.034	Delta E	0.268
		Delta Elv	-0.079		
GPSVEC	SO	Point ID 56060001	DX 1564.485	DY	-2621.027
		Class Stake out	DZ -2324.090	Code	6060001
		Obs L1 Fixed	H.pr 0.021	V.pr	0.035
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.4
		Monitor status	Not monitored	RMS	19.7
		Horz SD		Vert SD	
		Start wk 1583 sec 152270.2		End wk 1583 sec 152276.0	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000410951	VCV xy	0.0000347248
		VCV xz	-0.000026708	VCV yy	0.0000743035
		VCV yz	-0.0000733096	VCV zz	0.0001403094
PT DGN	SO	Name	6060001	To the Point	
GRID D	SO	Delta N	0.244	Delta E	-0.119
		Delta Elv	0.088		
GPSVEC	SO	Point ID 541092	DX 1598.615	DY	-2625.913
		Class Stake out	DZ -2309.666	Code	41092
		Obs L1 Fixed	H.pr 0.021	V.pr	0.033
GPSQC1	NM	Min SVs	12	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.4
		Monitor status	Not monitored	RMS	10.8
		Horz SD		Vert SD	
		Start wk 1583 sec 152312.8		End wk 1583 sec 152318.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.000037361	VCV xy	0.0000310647
		VCV xz	-0.0000233678	VCV yy	0.0000672814
		VCV yz	-0.0000664374	VCV zz	0.0001293395
PT DGN	SO	Name	41092	To the Point	
GRID D	SO	Delta N	-0.278	Delta E	0.288
		Delta Elv	0.034		
GPSVEC	SO	Point ID 520071	DX 1616.263	DY	-2611.223
		Class Stake out	DZ -2282.036	Code	20071
		Obs L1 Fixed	H.pr 0.021	V.pr	0.033
GPSQC1	NM	Min SVs	12	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	10.3
		Horz SD		Vert SD	
		Start wk 1583 sec 152362.6		End wk 1583 sec 152368.4	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000370753	VCV xy	0.0000304942
		VCV xz	-0.0000224245	VCV yy	0.000066418
		VCV yz	-0.0000653508	VCV zz	0.0001293105
PT DGN	SO	Name	20071	To the Point	
GRID D	SO	Delta N	-0.078	Delta E	-0.287
		Delta Elv	0.042		

GPSVEC	SO	Point ID 520076	DX 1608.409	DY -2605.019
		Class Stake out	DZ -2278.925	Code 20076
		Obs L1 Fixed	H.pr 0.021	V.pr 0.032
GPSQC1	NM	Min SVs 12	PDOP max 1.6	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.3	
		Monitor status Not monitored	RMS 12.1	
		Horz SD	Vert SD	
		Start wk 1583 sec 152394.0	End wk 1583 sec 152399.0	
GPSQC2	NM	Ttl satellites 12	Err Scale 0.0077459668	
		VCV xx 0.0000366901	VCV xy 0.0000299753	
		VCV xz -0.0000217198	VCV yy 0.0000654218	
		VCV yz -0.0000641495	VCV zz 0.0001282558	
PT DGN	SO	Name 20076	To the Point	
GRID D	SO	Delta N -0.020	Delta E 0.280	
		Delta Elv -0.052		
GPSVEC	SO	Point ID 520079	DX 1592.314	DY -2598.608
		Class Stake out	DZ -2280.477	Code 20079
		Obs L1 Fixed	H.pr 0.021	V.pr 0.030
GPSQC1	NM	Min SVs 13	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 6	VDOP max 1.2	
		Monitor status Not monitored	RMS 10.9	
		Horz SD	Vert SD	
		Start wk 1583 sec 152430.6	End wk 1583 sec 152435.6	
GPSQC2	NM	Ttl satellites 13	Err Scale 0.0077459668	
		VCV xx 0.0000305742	VCV xy 0.0000234126	
		VCV xz -0.0000146591	VCV yy 0.0000582	
		VCV yz -0.0000564078	VCV zz 0.0001207605	
PT DGN	SO	Name 20079	To the Point	
GRID D	SO	Delta N -0.292	Delta E -0.196	
		Delta Elv -0.084		
GPSVEC	SO	Point ID 5200110	DX 1579.135	DY -2596.420
		Class Stake out	DZ -2285.537	Code 200110
		Obs L1 Fixed	H.pr 0.021	V.pr 0.030
GPSQC1	NM	Min SVs 13	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.2	
		Monitor status Not monitored	RMS 13.6	
		Horz SD	Vert SD	
		Start wk 1583 sec 152464.6	End wk 1583 sec 152470.4	
GPSQC2	NM	Ttl satellites 13	Err Scale 0.0077459668	
		VCV xx 0.0000305894	VCV xy 0.0000232626	
		VCV xz -0.0000142556	VCV yy 0.0000579568	
		VCV yz -0.000055922	VCV zz 0.0001211607	
PT DGN	SO	Name 200110	To the Point	
GRID D	SO	Delta N -0.018	Delta E -0.118	
		Delta Elv -0.040		
GPSVEC	SO	Point ID 560500069	DX 1565.436	DY -2597.391
		Class Stake out	DZ -2294.856	Code 60500069
		Obs L1 Fixed	H.pr 0.021	V.pr 0.031
GPSQC1	NM	Min SVs 12	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 7	VDOP max 1.3	
		Monitor status Not monitored	RMS 14.6	
		Horz SD	Vert SD	
		Start wk 1583 sec 152513.4	End wk 1583 sec 152519.2	
GPSQC2	NM	Ttl satellites 12	Err Scale 0.0077459668	
		VCV xx 0.0000327542	VCV xy 0.0000254057	
		VCV xz -0.0000162156	VCV yy 0.0000595184	
		VCV yz -0.0000571818	VCV zz 0.0001226787	
PT DGN	SO	Name 60500069	To the Point	
GRID D	SO	Delta N -0.106	Delta E -0.218	
		Delta Elv -0.019		
GPSVEC	SO	Point ID 541340	DX 1651.978	DY -2705.665
		Class Stake out	DZ -2370.720	Code 41340
		Obs L1 Fixed	H.pr 0.022	V.pr 0.030
GPSQC1	NM	Min SVs 13	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.2	
		Monitor status Not monitored	RMS 12.0	
		Horz SD	Vert SD	
		Start wk 1583 sec 152698.2	End wk 1583 sec 152703.2	
GPSQC2	NM	Ttl satellites 13	Err Scale 0.0077459668	
		VCV xx 0.0000306799	VCV xy 0.0000226333	
		VCV xz -0.0000118521	VCV yy 0.000056086	
		VCV yz -0.0000517433	VCV zz 0.0001223159	
PT DGN	SO	Name 41340	To the Point	

GRID D	SO	Delta N	-0.269	Delta E	0.625
		Delta Elv	-0.054		
GPSVEC	SO	Point ID 541097	DX 1575.241	DY -2693.868	
		Class Stake out	DZ -2406.792	Code 41097	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.029	
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1583 sec 152798.0		End wk 1583 sec 152803.0	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000303867	VCV xy	0.000021841
		VCV xz	-0.0000103941	VCV yy	0.0000545514
		VCV yz	-0.0000492263	VCV zz	0.0001206496
PT DGN	SO	Name	41097	To the Point	
GRID D	SO	Delta N	0.433	Delta E	0.274
		Delta Elv	-0.073		
GPSVEC	SO	Point ID 560500076	DX 1554.921	DY -2684.448	
		Class Stake out	DZ -2407.790	Code 60500076	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.029	
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.2
		Monitor status	Not monitored	RMS	13.2
		Horz SD		Vert SD	
		Start wk 1583 sec 152849.8		End wk 1583 sec 152855.6	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000299	VCV xy	0.000021374
		VCV xz	-0.0000097056	VCV yy	0.0000521408
		VCV yz	-0.0000465153	VCV zz	0.0001177419
PT DGN	SO	Name	60500076	To the Point	
GRID D	SO	Delta N	0.055	Delta E	-0.371
		Delta Elv	0.022		
GPSVEC	SO	Point ID 541349	DX 1606.921	DY -2739.530	
		Class Stake out	DZ -2441.345	Code 41349	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.028	
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1583 sec 152932.8		End wk 1583 sec 152937.8	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000298954	VCV xy	0.0000211305
		VCV xz	-0.0000088684	VCV yy	0.0000521342
		VCV yz	-0.0000453339	VCV zz	0.0001175287
PT DGN	SO	Name	41349	To the Point	
GRID D	SO	Delta N	-0.135	Delta E	0.185
		Delta Elv	-0.066		
GPSVEC	SO	Point ID 541348	DX 1642.577	DY -2765.227	
		Class Stake out	DZ -2447.829	Code 41348	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.028	
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.2
		Monitor status	Not monitored	RMS	11.6
		Horz SD		Vert SD	
		Start wk 1583 sec 152990.0		End wk 1583 sec 152995.8	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000301591	VCV xy	0.0000211841
		VCV xz	-0.0000083943	VCV yy	0.0000523968
		VCV yz	-0.0000446686	VCV zz	0.0001181146
PT DGN	SO	Name	41348	To the Point	
GRID D	SO	Delta N	-0.212	Delta E	0.405
		Delta Elv	-0.040		
GPSVEC	SO	Point ID 541345	DX 1656.897	DY -2741.862	
		Class Stake out	DZ -2411.723	Code 41345	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.028	
GPSQC1	NM	Min SVs	13	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.2
		Monitor status	Not monitored	RMS	13.0
		Horz SD		Vert SD	
		Start wk 1583 sec 153058.0		End wk 1583 sec 153063.8	
GPSQC2	NM	Ttl satellites	13	Err Scale	0.0077459668
		VCV xx	0.0000302613	VCV xy	0.0000211357
		VCV xz	-0.0000078124	VCV yy	0.0000521574
		VCV yz	-0.0000434134	VCV zz	0.0001178113

PT DGN	SO	Name	41345	To the Point	
GRID D	SO	Delta N	-0.378	Delta E	-0.007
		Delta Elv	-0.071		
GPSVEC	SO	Point ID 541155	DX 1703.069	DY	-2773.960
		Class Stake out	DZ -2419.757	Code	41155
		Obs L1 Fixed	H.pr 0.022	V.pr	0.028
GPSQC1	NM	Min SVs 13	PDOP max	1.5	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 7	VDOP max	1.1	
		Monitor status Not monitored	RMS	14.4	
		Horz SD	Vert SD		
		Start wk 1583 sec 153163.4	End wk 1583	sec 153169.2	
GPSQC2	NM	Ttl satellites 13	Err Scale	0.0077459668	
		VCV xx 0.000030333	VCV xy	0.0000210591	
		VCV xz -0.0000069729	VCV yy	0.0000515945	
		VCV yz -0.0000412597	VCV zz	0.0001167584	
PT DGN	SO	Name	41155	To the Point	
GRID D	SO	Delta N	-0.544	Delta E	-0.387
		Delta Elv	-0.074		
GPSVEC	SO	Point ID 541400	DX 1717.311	DY	-2786.401
		Class Stake out	DZ -2424.531	Code	41400
		Obs L1 Fixed	H.pr 0.023	V.pr	0.028
GPSQC1	NM	Min SVs 13	PDOP max	1.5	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 7	VDOP max	1.1	
		Monitor status Not monitored	RMS	14.4	
		Horz SD	Vert SD		
		Start wk 1583 sec 153231.4	End wk 1583	sec 153237.2	
GPSQC2	NM	Ttl satellites 13	Err Scale	0.0077459668	
		VCV xx 0.0000302428	VCV xy	0.0000209478	
		VCV xz -0.0000064402	VCV yy	0.0000510259	
		VCV yz -0.0000396619	VCV zz	0.0001153849	
PT DGN	SO	Name	41400	To the Point	
GRID D	SO	Delta N	-0.467	Delta E	0.318
		Delta Elv	-0.071		
GPSVEC	SO	Point ID 541403	DX 1722.293	DY	-2778.185
		Class Stake out	DZ -2412.570	Code	41403
		Obs L1 Fixed	H.pr 0.023	V.pr	0.027
GPSQC1	NM	Min SVs 13	PDOP max	1.5	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.1	
		Monitor status Not monitored	RMS	11.4	
		Horz SD	Vert SD		
		Start wk 1583 sec 153326.4	End wk 1583	sec 153331.4	
GPSQC2	NM	Ttl satellites 13	Err Scale	0.0077459668	
		VCV xx 0.0000306088	VCV xy	0.0000211983	
		VCV xz -0.000005907	VCV yy	0.0000511926	
		VCV yz -0.0000381619	VCV zz	0.0001153457	
PT DGN	SO	Name	41403	To the Point	
GRID D	SO	Delta N	-0.344	Delta E	0.186
		Delta Elv	-0.058		
GPSVEC	SO	Point ID 541153	DX 1683.044	DY	-2794.517
		Class Stake out	DZ -2454.181	Code	41153
		Obs L1 Fixed	H.pr 0.023	V.pr	0.027
GPSQC1	NM	Min SVs 13	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.1	
		Monitor status Not monitored	RMS	13.0	
		Horz SD	Vert SD		
		Start wk 1583 sec 153550.0	End wk 1583	sec 153555.4	
GPSQC2	NM	Ttl satellites 13	Err Scale	0.0077459668	
		VCV xx 0.0000310292	VCV xy	0.0000216297	
		VCV xz -0.0000047744	VCV yy	0.0000510609	
		VCV yz -0.0000339763	VCV zz	0.0001126738	
PT DGN	SO	Name	41153	To the Point	
GRID D	SO	Delta N	-0.225	Delta E	0.441
		Delta Elv	-0.035		
GPSVEC	SO	Point ID 541394	DX 1706.980	DY	-2804.112
		Class Stake out	DZ -2449.899	Code	41394
		Obs L1 Fixed	H.pr 0.023	V.pr	0.027
GPSQC1	NM	Min SVs 13	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 6	VDOP max	1.1	
		Monitor status Not monitored	RMS	13.0	
		Horz SD	Vert SD		
		Start wk 1583 sec 153597.8	End wk 1583	sec 153603.2	

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GPSQC2 NM Ttl satellites 13 Err Scale 0.0077459668
VCV xx 0.0000307474 VCV xy 0.0000214719
VCV xz -0.0000045034 VCV yy 0.0000504291
VCV yz -0.000032679 VCV zz 0.0001106161

PT DGN SO Name 41394 To the Point

GRID D SO Delta N -0.299 Delta E 0.179
Delta Elv -0.017

GPSVEC SO Point ID 541313 DX 1732.826 DY -2827.682
Class Stake out DZ -2460.903 Code 41313
Obs L1 Fixed H.pr 0.023 V.pr 0.027

GPSQC1 NM Min SVs 13 PDOP max 1.4
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.1
Monitor status Not monitored RMS 13.5
Horz SD Vert SD
Start wk 1583 sec 153646.8 End wk 1583 sec 153651.8

GPSQC2 NM Ttl satellites 13 Err Scale 0.0077459668
VCV xx 0.0000309948 VCV xy 0.0000217151
VCV xz -0.0000043487 VCV yy 0.0000507387
VCV yz -0.0000319659 VCV zz 0.0001104516

PT DGN SO Name 41313 To the Point

GRID D SO Delta N -0.300 Delta E 0.086
Delta Elv -0.046

GPSVEC SO Point ID 541303 DX 1767.208 DY -2859.638
Class Stake out DZ -2478.783 Code 41303
Obs L1 Fixed H.pr 0.023 V.pr 0.027

GPSQC1 NM Min SVs 12 PDOP max 1.5
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.1
Monitor status Not monitored RMS 12.8
Horz SD Vert SD
Start wk 1583 sec 153697.0 End wk 1583 sec 153702.0

GPSQC2 NM Ttl satellites 12 Err Scale 0.0077459668
VCV xx 0.0000312592 VCV xy 0.0000218636
VCV xz -0.0000040292 VCV yy 0.0000516421
VCV yz -0.000032214 VCV zz 0.0001118794

PT DGN SO Name 41303 To the Point

GRID D SO Delta N -0.431 Delta E 0.136
Delta Elv -0.059

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY EVENTKISurvey event Rover survey started

GPSANT KI Antenna ht 0.000 Measuremt True

GPSPOS FD Point ID 60000 Lat 36°03'20.28840"N Lng 115°01'24.44658"W
Class Control Hgt 1657.677 Code NEW_BASE_1_7_10
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver SPS851 Serial no <no text>
Antenna Zephyr - Model 2
Meas To Antenna Phase Center
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.000

NOTE NM Receiver firmware version=0.000

GPSANT KI Antenna ht 5.151 Measuremt True

GPSREF KI Reference 60000

INIT KI Init event Gained Week 1583
Init type On the fly seconds 153836.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H.Dist <null>
Plate V.Dist <null> Plate azimuth <null>

NOTE TS Time Date 05/10/2010 Time 11:44:51

EQUIP NM Receiver R8-2 Serial no 4906165952
Antenna R8 Model 2/SPS88x Internal
Meas To Bottom of antenna mount
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.213

NOTE NM Receiver firmware version=4.120

GPSANT KI Antenna ht 6.890 Measuremt Uncorrected

GPSVEC SO Point ID 541293 DX 1811.631 DY -2869.939
Class Stake out DZ -2466.908 Code 41293
Obs L1 Fixed H.pr 0.024 V.pr 0.027

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GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	15.2
		Horz SD		Vert SD	
		Start wk 1583 sec 153901.2		End wk 1583 sec 153906.4	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.000031985	VCV xy	0.0000224696
		VCV xz	-0.0000030677	VCV yy	0.0000538515
		VCV yz	-0.0000311041	VCV zz	0.000113116
PT DGN	SO	Name	41293	To the Point	
GRID D	SO	Delta N	-0.109	Delta E	-0.070
		Delta Elv	-0.073		
GPSVEC	SO	Point ID 541283	DX 1845.210	DY	-2900.648
		Class Stake out	DZ -2486.229	Code	41283
		Obs L1 Fixed	H.pr 0.024	V.pr	0.027
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	14.9
		Horz SD		Vert SD	
		Start wk 1583 sec 153966.2		End wk 1583 sec 153971.2	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000325026	VCV xy	0.0000230285
		VCV xz	-0.0000030438	VCV yy	0.0000547587
		VCV yz	-0.0000303378	VCV zz	0.0001131705
PT DGN	SO	Name	41283	To the Point	
GRID D	SO	Delta N	-0.082	Delta E	-0.136
		Delta Elv	-0.061		
GPSVEC	SO	Point ID 541284	DX 1859.145	DY	-2877.007
		Class Stake out	DZ -2448.972	Code	41284
		Obs L1 Fixed	H.pr 0.024	V.pr	0.027
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	5	VDOP max	1.1
		Monitor status	Not monitored	RMS	11.1
		Horz SD		Vert SD	
		Start wk 1583 sec 154065.8		End wk 1583 sec 154071.6	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000324901	VCV xy	0.0000233315
		VCV xz	-0.0000029787	VCV yy	0.0000547994
		VCV yz	-0.0000284116	VCV zz	0.0001102986
PT DGN	SO	Name	41284	To the Point	
GRID D	SO	Delta N	0.068	Delta E	-0.131
		Delta Elv	-0.041		
GPSVEC	SO	Point ID 541292	DX 1827.144	DY	-2845.509
		Class Stake out	DZ -2429.125	Code	41292
		Obs L1 Fixed	H.pr 0.024	V.pr	0.026
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	11.6
		Horz SD		Vert SD	
		Start wk 1583 sec 154144.2		End wk 1583 sec 154149.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.000032919	VCV xy	0.0000239302
		VCV xz	-0.0000030558	VCV yy	0.000055728
		VCV yz	-0.0000274091	VCV zz	0.0001095785
PT DGN	SO	Name	41292	To the Point	
GRID D	SO	Delta N	-0.180	Delta E	-0.272
		Delta Elv	-0.023		
GPSVEC	SO	Point ID 541304	DX 1781.426	DY	-2835.636
		Class Stake out	DZ -2442.683	Code	41304
		Obs L1 Fixed	H.pr 0.024	V.pr	0.026
GPSQC1	NM	Min SVs	12	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	11.2
		Horz SD		Vert SD	
		Start wk 1583 sec 154190.0		End wk 1583 sec 154195.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000331597	VCV xy	0.0000242845
		VCV xz	-0.0000031379	VCV yy	0.0000562732
		VCV yz	-0.0000268376	VCV zz	0.0001091484
PT DGN	SO	Name	41304	To the Point	
GRID D	SO	Delta N	-0.828	Delta E	0.007
		Delta Elv	-0.082		

GPSVEC	SO	Point ID 541312	DX	1748.420	DY	-2802.239
		Class Stake out	DZ	-2423.671	Code	41312
		Obs L1 Fixed	H.pr	0.024	V.pr	0.027
GPSQC1	NM	Min SVs 11	PDOP max	1.5		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 6	VDOP max	1.1		
		Monitor status Not monitored	RMS	12.4		
		Horz SD	Vert SD			
		Start wk 1583 sec 154251.6	End wk 1583	sec 154256.8		
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668		
		VCV xx 0.0000342089	VCV xy	0.00002581		
		VCV xz -0.0000034332	VCV yy	0.0000585345		
		VCV yz -0.0000263117	VCV zz	0.0001086167		
PT DGN	SO	Name 41312	To the Point			
GRID D	SO	Delta N 0.098	Delta E	-0.287		
		Delta Elv -0.094				
GPSVEC	SO	Point ID 541305	DX	1796.766	DY	-2810.780
		Class Stake out	DZ	-2405.703	Code	41305
		Obs L1 Fixed	H.pr	0.024	V.pr	0.027
GPSQC1	NM	Min SVs 11	PDOP max	1.5		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 6	VDOP max	1.1		
		Monitor status Not monitored	RMS	13.9		
		Horz SD	Vert SD			
		Start wk 1583 sec 154321.0	End wk 1583	sec 154326.0		
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668		
		VCV xx 0.000035115	VCV xy	0.0000271439		
		VCV xz -0.0000037044	VCV yy	0.0000605824		
		VCV yz -0.0000256584	VCV zz	0.0001078946		
PT DGN	SO	Name 41305	To the Point			
GRID D	SO	Delta N 0.404	Delta E	-0.413		
		Delta Elv -0.088				
GPSVEC	SO	Point ID 541311	DX	1762.883	DY	-2776.791
		Class Stake out	DZ	-2386.582	Code	41311
		Obs L1 Fixed	H.pr	0.024	V.pr	0.027
GPSQC1	NM	Min SVs 11	PDOP max	1.5		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 6	VDOP max	1.1		
		Monitor status Not monitored	RMS	13.6		
		Horz SD	Vert SD			
		Start wk 1583 sec 154432.0	End wk 1583	sec 154437.0		
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668		
		VCV xx 0.0000355248	VCV xy	0.0000280252		
		VCV xz -0.0000040546	VCV yy	0.0000619888		
		VCV yz -0.000024319	VCV zz	0.0001058607		
PT DGN	SO	Name 41311	To the Point			
GRID D	SO	Delta N -0.216	Delta E	0.158		
		Delta Elv -0.042				
GPSVEC	SO	Point ID 541325	DX	1725.902	DY	-2756.835
		Class Stake out	DZ	-2385.510	Code	41325
		Obs L1 Fixed	H.pr	0.024	V.pr	0.027
GPSQC1	NM	Min SVs 11	PDOP max	1.5		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 7	VDOP max	1.1		
		Monitor status Not monitored	RMS	12.6		
		Horz SD	Vert SD			
		Start wk 1583 sec 154509.2	End wk 1583	sec 154515.0		
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668		
		VCV xx 0.0000356964	VCV xy	0.0000284878		
		VCV xz -0.0000042966	VCV yy	0.0000627956		
		VCV yz -0.000023407	VCV zz	0.0001043389		
PT DGN	SO	Name 41325	To the Point			
GRID D	SO	Delta N -0.240	Delta E	0.227		
		Delta Elv -0.051				
GPSVEC	SO	Point ID 541157	DX	1716.347	DY	-2749.957
		Class Stake out	DZ	-2383.368	Code	41157
		Obs L1 Fixed	H.pr	0.024	V.pr	0.027
GPSQC1	NM	Min SVs 11	PDOP max	1.5		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 7	VDOP max	1.1		
		Monitor status Not monitored	RMS	10.8		
		Horz SD	Vert SD			
		Start wk 1583 sec 154571.8	End wk 1583	sec 154577.6		
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0077459668		
		VCV xx 0.0000356764	VCV xy	0.0000287384		
		VCV xz -0.0000045225	VCV yy	0.0000632265		
		VCV yz -0.0000226448	VCV zz	0.0001027675		
PT DGN	SO	Name 41157	To the Point			

GRID D	SO	Delta N	-0.255	Delta E	-0.087
		Delta Elv	-0.069		
GPSVEC	SO	Point ID 541291	DX 1841.748	DY -2819.963	
		Class Stake out	DZ -2391.478	Code 41291	
		Obs L1 Fixed	H.pr 0.025	V.pr 0.027	
GPSQC1	NM	Min SVs	10	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	11.3
		Horz SD		Vert SD	
		Start wk 1583 sec 154664.8		End wk 1583 sec 154669.8	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0077459668
		VCV xx	0.0000369256	VCV xy	0.0000301554
		VCV xz	-0.0000051586	VCV yy	0.0000661484
		VCV yz	-0.0000224449	VCV zz	0.0001043106
PT DGN	SO	Name	41291	To the Point	
GRID D	SO	Delta N	-0.010	Delta E	-0.293
		Delta Elv	-0.026		
GPSVEC	SO	Point ID 541285	DX 1873.253	DY -2852.062	
		Class Stake out	DZ -2411.310	Code 41285	
		Obs L1 Fixed	H.pr 0.027	V.pr 0.030	
GPSQC1	NM	Min SVs	10	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	11.4
		Horz SD		Vert SD	
		Start wk 1583 sec 154768.2		End wk 1583 sec 154773.2	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0077459668
		VCV xx	0.0000408615	VCV xy	0.0000338202
		VCV xz	-0.0000155891	VCV yy	0.0000710212
		VCV yz	-0.0000300086	VCV zz	0.000140329
PT DGN	SO	Name	41285	To the Point	
GRID D	SO	Delta N	-0.197	Delta E	0.104
		Delta Elv	-0.046		
GPSVEC	SO	Point ID 541265	DX 1954.088	DY -2893.320	
		Class Stake out	DZ -2416.054	Code 41265	
		Obs L1 Fixed	H.pr 0.026	V.pr 0.029	
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	11.7
		Horz SD		Vert SD	
		Start wk 1583 sec 154844.4		End wk 1583 sec 154849.4	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000424554	VCV xy	0.0000354304
		VCV xz	-0.0000169124	VCV yy	0.0000706738
		VCV yz	-0.0000214294	VCV zz	0.0001216936
PT DGN	SO	Name	41265	To the Point	
GRID D	SO	Delta N	-0.207	Delta E	-0.048
		Delta Elv	-0.008		
GPSVEC	SO	Point ID 541264	DX 1939.162	DY -2917.678	
		Class Stake out	DZ -2454.272	Code 41264	
		Obs L1 Fixed	H.pr 0.026	V.pr 0.029	
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1583 sec 154901.4		End wk 1583 sec 154906.4	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000421167	VCV xy	0.0000353759
		VCV xz	-0.000016657	VCV yy	0.0000706213
		VCV yz	-0.000020493	VCV zz	0.0001181756
PT DGN	SO	Name	41264	To the Point	
GRID D	SO	Delta N	-0.034	Delta E	-0.126
		Delta Elv	-0.068		
GPSVEC	SO	Point ID 541263	DX 1924.716	DY -2942.254	
		Class Stake out	DZ -2493.516	Code 41263	
		Obs L1 Fixed	H.pr 0.026	V.pr 0.029	
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1583 sec 154957.0		End wk 1583 sec 154962.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000428612	VCV xy	0.0000362403
		VCV xz	-0.0000168705	VCV yy	0.0000724971
		VCV yz	-0.0000200956	VCV zz	0.000117864

PT DGN	SO	Name	41263	To the Point	
GRID D	SO	Delta N	0.254	Delta E	-0.092
		Delta Elv	-0.072		
GPSVEC	SO	Point ID 541254	DX 1956.520	DY	-2973.713
		Class Stake out	DZ -2515.070	Code	41254
		Obs L1 Fixed	H.pr 0.026	V.pr	0.029
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1583 sec 155004.6		End wk 1583 sec 155009.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000431263	VCV xy	0.0000366762
		VCV xz	-0.0000168581	VCV yy	0.0000734866
		VCV yz	-0.0000195916	VCV zz	0.0001163545
PT DGN	SO	Name	41254	To the Point	
GRID D	SO	Delta N	0.069	Delta E	0.010
		Delta Elv	-0.022		
GPSVEC	SO	Point ID 541243	DX 2004.422	DY	-2983.863
		Class Stake out	DZ -2500.544	Code	41243
		Obs L1 Fixed	H.pr 0.027	V.pr	0.029
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	15.9
		Horz SD		Vert SD	
		Start wk 1583 sec 155057.0		End wk 1583 sec 155062.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000457786	VCV xy	0.0000391989
		VCV xz	-0.0000179073	VCV yy	0.0000788211
		VCV yz	-0.0000200804	VCV zz	0.0001213242
PT DGN	SO	Name	41243	To the Point	
GRID D	SO	Delta N	0.072	Delta E	-0.034
		Delta Elv	-0.030		
GPSVEC	SO	Point ID 560086	DX 2050.034	DY	-3014.983
		Class Stake out	DZ -2513.384	Code	60086
		Obs L1 Fixed	H.pr 0.027	V.pr	0.029
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	5	VDOP max	1.2
		Monitor status	Not monitored	RMS	12.4
		Horz SD		Vert SD	
		Start wk 1583 sec 155206.4		End wk 1583 sec 155211.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.000045911	VCV xy	0.0000399584
		VCV xz	-0.0000177468	VCV yy	0.0000809527
		VCV yz	-0.0000182225	VCV zz	0.0001150979
PT DGN	SO	Name	60086	To the Point	
GRID D	SO	Delta N	0.001	Delta E	0.087
		Delta Elv	-0.072		
GPSVEC	SO	Point ID 560076	DX 2085.224	DY	-3039.495
		Class Stake out	DZ -2525.273	Code	60076
		Obs L1 Fixed	H.pr 0.028	V.pr	0.033
GPSQC1	NM	Min SVs	10	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	15.2
		Horz SD		Vert SD	
		Start wk 1583 sec 155583.2		End wk 1583 sec 155588.2	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0077459668
		VCV xx	0.0000638625	VCV xy	0.0000606551
		VCV xz	-0.0000255942	VCV yy	0.0001095374
		VCV yz	-0.0000220556	VCV zz	0.0001092794
PT DGN	SO	Name	60076	To the Point	
GRID D	SO	Delta N	0.085	Delta E	0.045
		Delta Elv	0.001		
GPSVEC	SO	Point ID 560064	DX 2098.278	DY	-3018.145
		Class Stake out	DZ -2491.874	Code	60064
		Obs L1 Fixed	H.pr 0.028	V.pr	0.033
GPSQC1	NM	Min SVs	10	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.4
		Horz SD		Vert SD	
		Start wk 1583 sec 155641.8		End wk 1583 sec 155647.6	

GPSQC2	NM	Ttl satellites 10		Err Scale 0.0077459668
		VCV xx 0.0000638633		VCV xy 0.0000611122
		VCV xz -0.0000257123		VCV yy 0.0001108767
		VCV yz -0.0000222672		VCV zz 0.0001078311
PT DGN	SO	Name 60064		To the Point
GRID D	SO	Delta N 0.162		Delta E 0.111
		Delta Elv -0.061		
NOTE	TS	Time Date 05/10/2010 Time 12:14:56		
GPSVEC	SO	Point ID 541233	DX 2047.252	DY -2993.224
		Class Stake out	DZ -2488.372	Code 41233
		Obs L1 Fixed	H.pr 0.028	V.pr 0.033
GPSQC1	NM	Min SVs 10		PDOP max 1.7
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 5		VDOP max 1.3
		Monitor status Not monitored		RMS 10.6
		Horz SD		Vert SD
		Start wk 1583 sec 155704.4		End wk 1583 sec 155709.4
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0077459668
		VCV xx 0.000064143		VCV xy 0.0000618265
		VCV xz -0.000025902		VCV yy 0.0001127676
		VCV yz -0.0000223016		VCV zz 0.0001066151
PT DGN	SO	Name 41233		To the Point
GRID D	SO	Delta N 0.105		Delta E 0.380
		Delta Elv -0.055		
GPSVEC	SO	Point ID 560055	DX 2068.594	DY -2984.710
		Class Stake out	DZ -2466.666	Code 60055
		Obs L1 Fixed	H.pr 0.028	V.pr 0.033
GPSQC1	NM	Min SVs 10		PDOP max 1.7
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 12.8
		Horz SD		Vert SD
		Start wk 1583 sec 155766.4		End wk 1583 sec 155771.4
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0077459668
		VCV xx 0.0000645453		VCV xy 0.0000626553
		VCV xz -0.0000261349		VCV yy 0.000114891
		VCV yz -0.0000223266		VCV zz 0.0001054887
PT DGN	SO	Name 60055		To the Point
GRID D	SO	Delta N -0.312		Delta E -0.021
		Delta Elv -0.044		
GPSVEC	SO	Point ID 560044	DX 2127.630	DY -2994.906
		Class Stake out	DZ -2449.074	Code 60044
		Obs L1 Fixed	H.pr 0.026	V.pr 0.033
GPSQC1	NM	Min SVs 11		PDOP max 1.7
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 11.6
		Horz SD		Vert SD
		Start wk 1583 sec 155825.8		End wk 1583 sec 155830.8
GPSQC2	NM	Ttl satellites 11		Err Scale 0.0077459668
		VCV xx 0.0000649233		VCV xy 0.0000633682
		VCV xz -0.0000277144		VCV yy 0.0001168054
		VCV yz -0.0000244593		VCV zz 0.0000889916
PT DGN	SO	Name 60044		To the Point
GRID D	SO	Delta N -0.102		Delta E -0.131
		Delta Elv -0.065		
GPSVEC	SO	Point ID 541232	DX 2061.805	DY -2968.892
		Class Stake out	DZ -2450.709	Code 41232
		Obs L1 Fixed	H.pr 0.026	V.pr 0.033
GPSQC1	NM	Min SVs 11		PDOP max 1.7
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 12.9
		Horz SD		Vert SD
		Start wk 1583 sec 155887.4		End wk 1583 sec 155892.4
GPSQC2	NM	Ttl satellites 11		Err Scale 0.0077459668
		VCV xx 0.0000648436		VCV xy 0.00006367
		VCV xz -0.0000278905		VCV yy 0.0001179691
		VCV yz -0.0000246297		VCV zz 0.0000871172
PT DGN	SO	Name 41232		To the Point
GRID D	SO	Delta N 0.207		Delta E 0.199
		Delta Elv -0.063		
GPSVEC	SO	Point ID 541244	DX 2019.618	DY -2959.415
		Class Stake out	DZ -2461.199	Code 41244
		Obs L1 Fixed	H.pr 0.026	V.pr 0.033

GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.9
		Horz SD		Vert SD	
		Start wk 1583 sec 155948.6		End wk 1583 sec 155953.6	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000640459	VCV xy	0.0000632362
		VCV xz	-0.0000277784	VCV yy	0.0001177808
		VCV yz	-0.0000245788	VCV zz	0.0000843933
PT DGN	SO	Name	41244	To the Point	
GRID D	SO	Delta N	-0.049	Delta E	0.221
		Delta Elv	-0.044		
GPSVEC	SO	Point ID 541253	DX 1970.327	DY	-2950.486
		Class Stake out	DZ -2477.831	Code	41253
		Obs L1 Fixed	H.pr 0.025	V.pr	0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1583 sec 156009.0		End wk 1583 sec 156014.8	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000634812	VCV xy	0.0000629956
		VCV xz	-0.0000277871	VCV yy	0.0001179446
		VCV yz	-0.0000246516	VCV zz	0.0000821653
PT DGN	SO	Name	41253	To the Point	
GRID D	SO	Delta N	0.175	Delta E	0.210
		Delta Elv	-0.091		
GPSVEC	SO	Point ID 541252	DX 1984.474	DY	-2927.280
		Class Stake out	DZ -2440.838	Code	41252
		Obs L1 Fixed	H.pr 0.024	V.pr	0.031
GPSQC1	NM	Min SVs	12	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.3
		Monitor status	Not monitored	RMS	14.5
		Horz SD		Vert SD	
		Start wk 1583 sec 156066.0		End wk 1583 sec 156071.8	
GPSQC2	NM	Ttl satellites	12	Err Scale	0.0077459668
		VCV xx	0.0000606053	VCV xy	0.0000626685
		VCV xz	-0.0000201029	VCV yy	0.0001185386
		VCV yz	-0.0000238145	VCV zz	0.0000571761
PT DGN	SO	Name	41252	To the Point	
GRID D	SO	Delta N	-0.273	Delta E	0.440
		Delta Elv	-0.061		
GPSVEC	SO	Point ID 541245	DX 2033.566	DY	-2934.173
		Class Stake out	DZ -2422.895	Code	41245
		Obs L1 Fixed	H.pr 0.024	V.pr	0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	13.7
		Horz SD		Vert SD	
		Start wk 1583 sec 156117.8		End wk 1583 sec 156122.8	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000617237	VCV xy	0.0000638791
		VCV xz	-0.0000218959	VCV yy	0.0001205729
		VCV yz	-0.0000254246	VCV zz	0.0000591007
PT DGN	SO	Name	41245	To the Point	
GRID D	SO	Delta N	-0.215	Delta E	0.018
		Delta Elv	-0.078		
GPSVEC	SO	Point ID 541251	DX 2000.767	DY	-2902.445
		Class Stake out	DZ -2401.917	Code	41251
		Obs L1 Fixed	H.pr 0.024	V.pr	0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.3
		Horz SD		Vert SD	
		Start wk 1583 sec 156169.8		End wk 1583 sec 156174.8	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0077459668
		VCV xx	0.0000620922	VCV xy	0.0000645115
		VCV xz	-0.0000226863	VCV yy	0.0001219299
		VCV yz	-0.0000263873	VCV zz	0.0000591493
PT DGN	SO	Name	41251	To the Point	
GRID D	SO	Delta N	-0.112	Delta E	-0.062
		Delta Elv	-0.060		

GPSVEC	SO	Point ID 541231	DX	2077.333	DY	-2943.653
		Class Stake out	DZ	-2412.397	Code	41231
		Obs L1 Fixed	H.pr	0.024	V.pr	0.032
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	14.1	
		Horz SD		Vert SD		
		Start wk 1583 sec 156228.4		End wk 1583 sec 156233.4		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000628992		VCV xy	0.0000657272	
		VCV xz -0.0000232713		VCV yy	0.0001247399	
		VCV yz -0.0000273818		VCV zz	0.0000590216	
PT DGN	SO	Name 41231		To the Point		
GRID D	SO	Delta N -0.401		Delta E	0.019	
		Delta Elv -0.030				
GPSVEC	SO	Point ID 560052	DX	2113.058	DY	-2969.973
		Class Stake out	DZ	-2426.068	Code	60052
		Obs L1 Fixed	H.pr	0.023	V.pr	0.032
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	11.3	
		Horz SD		Vert SD		
		Start wk 1583 sec 156271.6		End wk 1583 sec 156277.2		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000625611		VCV xy	0.0000656206	
		VCV xz -0.0000232995		VCV yy	0.0001249502	
		VCV yz -0.0000277284		VCV zz	0.0000579522	
PT DGN	SO	Name 60052		To the Point		
GRID D	SO	Delta N -0.326		Delta E	-0.141	
		Delta Elv -0.019				
GPSVEC	SO	Point ID 560050	DX	2150.730	DY	-2972.668
		Class Stake out	DZ	-2412.463	Code	60050
		Obs L1 Fixed	H.pr	0.023	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	12.5	
		Horz SD		Vert SD		
		Start wk 1583 sec 156337.0		End wk 1583 sec 156342.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000634459		VCV xy	0.0000669499	
		VCV xz -0.0000237458		VCV yy	0.0001282553	
		VCV yz -0.0000287494		VCV zz	0.00005765	
PT DGN	SO	Name 60050		To the Point		
GRID D	SO	Delta N 0.031		Delta E	0.260	
		Delta Elv -0.089				
NOTE	TS	Time Date 05/10/2010 Time 12:55:00				
GPSVEC	SO	Point ID 560116	DX	2050.494	DY	-3112.526
		Class Stake out	DZ	-2641.665	Code	60116
		Obs L1 Fixed	H.pr	0.021	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	11.9	
		Horz SD		Vert SD		
		Start wk 1583 sec 158107.6		End wk 1583 sec 158112.6		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000620099		VCV xy	0.0000602328	
		VCV xz -0.0000282786		VCV yy	0.000121724	
		VCV yz -0.0000419654		VCV zz	0.0000512431	
PT DGN	SO	Name 60116		To the Point		
GRID D	SO	Delta N -0.041		Delta E	0.068	
		Delta Elv -0.066				
GPSVEC	TP	Point ID 300000	DX	2053.020	DY	-3138.839
		Class Normal	DZ	-2677.571	Code F	1.4
		Obs L1 Fixed	H.pr	0.021	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	11.4	
		Horz SD		Vert SD		
		Start wk 1583 sec 158224.0		End wk 1583 sec 158229.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0077459668	
		VCV xx 0.0000600585		VCV xy	0.0000572927	
		VCV xz -0.0000272446		VCV yy	0.0001189172	
		VCV yz -0.0000421699		VCV zz	0.0000525552	

NOTE TS Time Date 05/12/2010 Time 15:50:49

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY KI Elev mask 13 PDOP mask 6.0

SURVEY EVENTKISurvey event Rover survey started

GPSANT KI Antenna ht 0.000 Measurement True

GPSPOS FD Point ID 60000 Lat 36°03'20.28840"N Lng 115°01'24.44658"W
Class Control Hgt 1657.677 Code NEW_BASE_1_7_10
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver SPS851 Serial no <no text>
Antenna Zephyr - Model 2
Meas To Antenna Phase Center
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.000

NOTE NM Receiver firmware version=0.000

GPSANT KI Antenna ht 5.151 Measurement True

GPSREF KI Reference 60000

INIT KI Init event Gained Week 1583
Init type On the fly seconds 341516.0
Init counter 1 Point ID <no text>
Survey type Real Time Plate H.Dist <null>
Plate V.Dist <null> Plate azimuth <null>

EQUIP NM Receiver 5800 Serial no 4516148184
Antenna R8/5800/SPS78x Internal
Meas To Bottom of antenna mount
Tape adj 0.000 Serial no <no text>
H.Offset 0.000 V.Offset 0.213

NOTE NM Receiver firmware version=2.310

GPSANT KI Antenna ht 6.890 Measurement Uncorrected

GPSVEC SO Point ID 520072 DX 1628.468 DY -2600.764
Class Stake out DZ -2263.182 Code 20072
Obs L1 Fixed H.pr 0.034 V.pr 0.051

GPSQC1 NM Min SVs 9 PDOP max 1.3
Relative DOPs Yes HDOP max 0.7
Total GPS pos 6 VDOP max 1.1
Monitor status Not monitored RMS 23.3
Horz SD Vert SD
Start wk 1583 sec 341575.0 End wk 1583 sec 341580.0

GPSQC2 NM Ttl satellites 9 Err Scale 0.0090264501
VCV xx 0.0000101149 VCV xy 0.0000072398
VCV xz 0.0000024329 VCV yy 0.0000192089
VCV yz 0.0000031009 VCV zz 0.0000088804

PT DGN SO Name 20072 To the Point

GRID D SO Delta N -0.003 Delta E -0.012
Delta Elv 0.013

SURVEY EVENTKISurvey event Survey ended