

SC V10-70 Copyright © Trimble Navigation Ltd, 1996-2003  
 Serial no 2231 02-Apr-10 18:52  
 Angle Degrees Dist US Feet Press inch Hg  
 Temp Fahrenheit Coord N-E-Elv H.obs Right

JOB Job ID 20100319FG\_VER  
 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

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 1575  
 Init type On the fly seconds 499304.0  
 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	Measuremt	Uncorrected
GPSVEC	TP	Point ID	TEST	DX	1412.546
		Class	Normal	DZ	-2755.469
		Obs	L1 Fixed	H.pr	0.026
				DY	-2964.477
				Code	<no text>
				V.pr	0.042
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	21.5
		Horz SD		Vert SD	
		Start wk	1575 sec 499345.0	End wk	1575 sec 499350.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0065728198
		VCV xx	0.0000040441	VCV xy	0.0000032136
		VCV xz	0.0000008014	VCV yy	0.0000125197
		VCV yz	-0.0000034372	VCV zz	0.0000081895
GPSVEC	TP	Point ID	TEMP CP	DX	1419.996
		Class	Normal	DZ	-2757.649
		Obs	L1 Fixed	H.pr	0.018
				DY	-2972.459
				Code	ROCK
				V.pr	0.031
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	11.3
		Horz SD		Vert SD	
		Start wk	1575 sec 499936.0	End wk	1575 sec 499941.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0047219004
		VCV xx	0.0000020608	VCV xy	0.0000017806
		VCV xz	0.0000000869	VCV yy	0.0000076486
		VCV yz	-0.0000018181	VCV zz	0.0000034287
GPSVEC	SO	Point ID	520079	DX	1905.123
		Class	Stake out	DZ	-2762.607
		Obs	L1 Fixed	H.pr	0.019
				DY	-3168.222
				Code	20079
				V.pr	0.034
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	10.1
		Horz SD		Vert SD	
		Start wk	1575 sec 500213.0	End wk	1575 sec 500218.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0051333481
		VCV xx	0.0000024311	VCV xy	0.0000021033
		VCV xz	-0.0000000253	VCV yy	0.0000092498
		VCV yz	-0.0000021367	VCV zz	0.0000037286
PT DGN	SO	Name	20079	To the Point	
GRID D	SO	Delta N	-0.131	Delta E	0.011
		Delta Elv	0.030		
GPSVEC	SO	Point ID	520078	DX	1873.933
		Class	Stake out	DZ	-2765.109
		Obs	L1 Fixed	H.pr	0.021
				DY	-3155.773
				Code	20078
				V.pr	0.039
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk	1575 sec 500276.0	End wk	1575 sec 500281.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0058675017
		VCV xx	0.0000035887	VCV xy	0.0000033144
		VCV xz	-0.0000002793	VCV yy	0.0000118607
		VCV yz	-0.0000029715	VCV zz	0.0000046144
PT DGN	SO	Name	20078	To the Point	
GRID D	SO	Delta N	0.102	Delta E	0.084
		Delta Elv	-0.039		
GPSVEC	SO	Point ID	520077	DX	1845.948
		Class	Stake out	DZ	-2767.221
		Obs	L1 Fixed	H.pr	0.020
				DY	-3144.416
				Code	20077
				V.pr	0.036
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk	1575 sec 500327.0	End wk	1575 sec 500332.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0054198736
		VCV xx	0.0000028668	VCV xy	0.0000025692
		VCV xz	-0.0000001302	VCV yy	0.0000102458
		VCV yz	-0.0000025684	VCV zz	0.0000039521
PT DGN	SO	Name	20077	To the Point	

GRID D	SO	Delta N	0.088	Delta E	0.077
		Delta Elv	-0.042		
GPSVEC	SO	Point ID 520059	DX 1804.194	DY -3127.448	
		Class Stake out	DZ -2770.394	Code 20059	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.039	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	19.8
		Horz SD		Vert SD	
		Start wk 1575 sec 500426.0		End wk 1575 sec 500431.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0058872844
		VCV xx	0.0000033543	VCV xy	0.0000028696
		VCV xz	-0.0000002332	VCV yy	0.0000119779
		VCV yz	-0.0000029019	VCV zz	0.0000046579
PT DGN	SO	Name	20059	To the Point	
GRID D	SO	Delta N	0.070	Delta E	0.039
		Delta Elv	-0.017		
GPSVEC	SO	Point ID 520060	DX 1807.560	DY -3122.256	
		Class Stake out	DZ -2762.573	Code 20060	
		Obs L1 Fixed	H.pr 0.017	V.pr 0.030	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	9.9
		Horz SD		Vert SD	
		Start wk 1575 sec 500480.0		End wk 1575 sec 500485.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0046435543
		VCV xx	0.0000019581	VCV xy	0.0000016785
		VCV xz	-0.0000001074	VCV yy	0.0000076327
		VCV yz	-0.0000016732	VCV zz	0.0000027896
PT DGN	SO	Name	20060	To the Point	
GRID D	SO	Delta N	0.052	Delta E	0.010
		Delta Elv	0.042		
GPSVEC	SO	Point ID 520065	DX 1809.374	DY -3114.220	
		Class Stake out	DZ -2752.155	Code 20065	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.035	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	9.8
		Horz SD		Vert SD	
		Start wk 1575 sec 500528.0		End wk 1575 sec 500533.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0053041689
		VCV xx	0.0000028808	VCV xy	0.0000027651
		VCV xz	-0.0000003835	VCV yy	0.0000099722
		VCV yz	-0.0000024642	VCV zz	0.0000032313
PT DGN	SO	Name	20065	To the Point	
GRID D	SO	Delta N	-0.065	Delta E	-0.058
		Delta Elv	0.025		
GPSVEC	SO	Point ID 520062	DX 1806.246	DY -3106.183	
		Class Stake out	DZ -2744.351	Code 20062	
		Obs L1 Fixed	H.pr 0.016	V.pr 0.030	
GPSQC1	NM	Min SVs	11	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	12.1
		Horz SD		Vert SD	
		Start wk 1575 sec 500578.0		End wk 1575 sec 500583.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0042038565
		VCV xx	0.0000019399	VCV xy	0.0000017764
		VCV xz	-0.0000002051	VCV yy	0.0000073125
		VCV yz	-0.0000015995	VCV zz	0.000002478
PT DGN	SO	Name	20062	To the Point	
GRID D	SO	Delta N	0.002	Delta E	0.044
		Delta Elv	-0.058		
GPSVEC	SO	Point ID 520063	DX 1800.885	DY -3099.245	
		Class Stake out	DZ -2739.311	Code 20063	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.036	
GPSQC1	NM	Min SVs	11	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	5	VDOP max	1.2
		Monitor status	Not monitored	RMS	13.0
		Horz SD		Vert SD	
		Start wk 1575 sec 500615.0		End wk 1575 sec 500620.0	
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0050549931
		VCV xx	0.0000027052	VCV xy	0.0000024052
		VCV xz	-0.0000003601	VCV yy	0.0000106582
		VCV yz	-0.0000021721	VCV zz	0.0000035361

PT DGN	SO	Name	20063	To the Point	
GRID D	SO	Delta N	-0.059	Delta E	0.036
		Delta Elv	0.015		
GPSVEC	SO	Point ID 520058	DX 1802.764	DY	-3132.384
		Class Stake out	DZ -2777.963	Code	20058
		Obs L1 Fixed	H.pr 0.020	V.pr	0.036
GPSQC1	NM	Min SVs 11	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 5	VDOP max	1.2	
		Monitor status Not monitored	RMS	16.3	
		Horz SD	Vert SD		
		Start wk 1575 sec 500708.0	End wk 1575	sec 500713.0	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0051280572	
		VCV xx 0.0000027363	VCV xy	0.0000022744	
		VCV xz -0.0000002088	VCV yy	0.0000107618	
		VCV yz -0.00000022659	VCV zz	0.0000037186	
PT DGN	SO	Name	20058	To the Point	
GRID D	SO	Delta N	-0.004	Delta E	-0.046
		Delta Elv	0.055		
GPSVEC	SO	Point ID 520057	DX 1798.716	DY	-3138.422
		Class Stake out	DZ -2788.295	Code	20057
		Obs L1 Fixed	H.pr 0.018	V.pr	0.033
GPSQC1	NM	Min SVs 11	PDOP max	2.0	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 5	VDOP max	1.7	
		Monitor status Not monitored	RMS	12.4	
		Horz SD	Vert SD		
		Start wk 1575 sec 500748.0	End wk 1575	sec 500753.0	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0042799227	
		VCV xx 0.0000023233	VCV xy	0.0000019419	
		VCV xz -0.0000001948	VCV yy	0.0000089505	
		VCV yz -0.0000019891	VCV zz	0.0000030503	
PT DGN	SO	Name	20057	To the Point	
GRID D	SO	Delta N	0.003	Delta E	0.058
		Delta Elv	-0.046		
GPSVEC	SO	Point ID 520056	DX 1789.541	DY	-3141.816
		Class Stake out	DZ -2798.565	Code	20056
		Obs L1 Fixed	H.pr 0.019	V.pr	0.035
GPSQC1	NM	Min SVs 11	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 6	VDOP max	1.2	
		Monitor status Not monitored	RMS	12.1	
		Horz SD	Vert SD		
		Start wk 1575 sec 500792.0	End wk 1575	sec 500797.0	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0053775734	
		VCV xx 0.0000025275	VCV xy	0.000002088	
		VCV xz -0.0000002279	VCV yy	0.0000101287	
		VCV yz -0.0000020201	VCV zz	0.0000034133	
PT DGN	SO	Name	20056	To the Point	
GRID D	SO	Delta N	0.060	Delta E	-0.047
		Delta Elv	0.024		
GRID D	SO	Delta N	0.113	Delta E	0.003
		Delta Elv	0.045		
GPSVEC	SO	Point ID 520035	DX 1774.216	DY	-3120.602
		Class Stake out	DZ -2762.222	Code	20035
		Obs L1 Fixed	H.pr 0.018	V.pr	0.033
GPSQC1	NM	Min SVs 11	PDOP max	1.9	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 5	VDOP max	1.7	
		Monitor status Not monitored	RMS	12.2	
		Horz SD	Vert SD		
		Start wk 1575 sec 501045.0	End wk 1575	sec 501050.0	
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0044095111	
		VCV xx 0.000002414	VCV xy	0.000002121	
		VCV xz -0.0000003777	VCV yy	0.0000093786	
		VCV yz -0.00000177	VCV zz	0.0000028343	
PT DGN	SO	Name	20035	To the Point	
GRID D	SO	Delta N	0.049	Delta E	0.130
		Delta Elv	-0.058		
GPSVEC	SO	Point ID 520034	DX 1719.387	DY	-3094.926
		Class Stake out	DZ -2762.140	Code	20034
		Obs L1 Fixed	H.pr 0.017	V.pr	0.031
GPSQC1	NM	Min SVs 11	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 6	VDOP max	1.2	
		Monitor status Not monitored	RMS	16.0	
		Horz SD	Vert SD		
		Start wk 1575 sec 501133.0	End wk 1575	sec 501138.0	

GPSQC2	NM	Ttl satellites 11		Err Scale 0.0049682162
		VCV xx 0.0000021119		VCV xy 0.0000016989
		VCV xz -0.0000002983		VCV yy 0.0000083979
		VCV yz -0.0000015159		VCV zz 0.0000025844
PT DGN	SO	Name 20034		To the Point
GRID D	SO	Delta N -0.060		Delta E 0.030
		Delta Elv -0.038		
GPSVEC	SO	Point ID 520033	DX 1671.654	DY -3072.711
		Class Stake out	DZ -2762.276	Code 20033
		Obs L1 Fixed	H.pr 0.016	V.pr 0.030
GPSQC1	NM	Min SVs 11		PDOP max 1.4
		Relative DOPs Yes		HDOP max 0.6
		Total GPS pos 6		VDOP max 1.2
		Monitor status Not monitored		RMS 15.6
		Horz SD		Vert SD
		Start wk 1575 sec 501192.0		End wk 1575 sec 501197.0
GPSQC2	NM	Ttl satellites 11		Err Scale 0.0048139845
		VCV xx 0.0000019731		VCV xy 0.0000015676
		VCV xz -0.0000002938		VCV yy 0.0000078191
		VCV yz -0.0000013758		VCV zz 0.0000023926
PT DGN	SO	Name 20033		To the Point
GRID D	SO	Delta N 0.086		Delta E 0.065
		Delta Elv 0.000		
GPSVEC	SO	Point ID 520032	DX 1627.367	DY -3051.837
		Class Stake out	DZ -2762.111	Code 20032
		Obs L1 Fixed	H.pr 0.018	V.pr 0.033
GPSQC1	NM	Min SVs 11		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.6
		Total GPS pos 5		VDOP max 1.2
		Monitor status Not monitored		RMS 12.9
		Horz SD		Vert SD
		Start wk 1575 sec 501318.0		End wk 1575 sec 501323.0
GPSQC2	NM	Ttl satellites 11		Err Scale 0.0048759934
		VCV xx 0.0000023058		VCV xy 0.0000017727
		VCV xz -0.0000003751		VCV yy 0.0000092265
		VCV yz -0.0000015193		VCV zz 0.0000027669
PT DGN	SO	Name 20032		To the Point
GRID D	SO	Delta N -0.155		Delta E -0.052
		Delta Elv 0.057		
GPSVEC	SO	Point ID 520031	DX 1577.870	DY -3028.788
		Class Stake out	DZ -2762.228	Code 20031
		Obs L1 Fixed	H.pr 0.018	V.pr 0.032
GPSQC1	NM	Min SVs 11		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.6
		Total GPS pos 6		VDOP max 1.2
		Monitor status Not monitored		RMS 17.8
		Horz SD		Vert SD
		Start wk 1575 sec 501399.0		End wk 1575 sec 501404.0
GPSQC2	NM	Ttl satellites 11		Err Scale 0.0052332855
		VCV xx 0.0000022665		VCV xy 0.0000017809
		VCV xz -0.0000004136		VCV yy 0.0000090662
		VCV yz -0.0000014741		VCV zz 0.0000026023
PT DGN	SO	Name 20031		To the Point
GRID D	SO	Delta N -0.029		Delta E 0.089
		Delta Elv 0.092		
GPSVEC	SO	Point ID 520030	DX 1519.271	DY -3001.466
		Class Stake out	DZ -2762.239	Code 20030
		Obs L1 Fixed	H.pr 0.018	V.pr 0.033
GPSQC1	NM	Min SVs 11		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.6
		Total GPS pos 6		VDOP max 1.2
		Monitor status Not monitored		RMS 14.6
		Horz SD		Vert SD
		Start wk 1575 sec 501452.0		End wk 1575 sec 501457.0
GPSQC2	NM	Ttl satellites 11		Err Scale 0.0053758658
		VCV xx 0.0000023707		VCV xy 0.0000020307
		VCV xz -0.0000004999		VCV yy 0.0000097178
		VCV yz -0.0000016724		VCV zz 0.0000024881
PT DGN	SO	Name 20030		To the Point
GRID D	SO	Delta N -0.003		Delta E -0.014
		Delta Elv 0.082		
GPSVEC	SO	Point ID 520019	DX 1475.725	DY -2981.228
		Class Stake out	DZ -2762.305	Code 20019
		Obs L1 Fixed	H.pr 0.025	V.pr 0.045

GPSQC1	NM	Min SVs	11	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	30.9
		Horz SD		Vert SD	
		Start wk 1575 sec	501518.0	End wk 1575 sec	501523.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0073930384
		VCV xx	0.0000039896	VCV xy	0.0000028587
		VCV xz	-0.0000006516	VCV yy	0.000018676
		VCV yz	-0.0000037631	VCV zz	0.0000045993
PT DGN	SO	Name	20019	To the Point	
GRID D	SO	Delta N	0.098	Delta E	0.060
		Delta Elv	0.062		
GPSVEC	SO	Point ID 520020		DX 1486.002	DY -2973.135
		Class Stake out		DZ -2747.153	Code 20020
		Obs L1 Fixed		H.pr 0.024	V.pr 0.044
GPSQC1	NM	Min SVs	11	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	30.0
		Horz SD		Vert SD	
		Start wk 1575 sec	501566.0	End wk 1575 sec	501571.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0072990409
		VCV xx	0.0000038559	VCV xy	0.0000027384
		VCV xz	-0.0000006506	VCV yy	0.0000180505
		VCV yz	-0.0000035361	VCV zz	0.0000044539
PT DGN	SO	Name	20020	To the Point	
GRID D	SO	Delta N	-0.020	Delta E	-0.002
		Delta Elv	0.020		
GPSVEC	SO	Point ID 520021		DX 1491.803	DY -2966.106
		Class Stake out		DZ -2735.816	Code 20021
		Obs L1 Fixed		H.pr 0.019	V.pr 0.035
GPSQC1	NM	Min SVs	11	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	18.5
		Horz SD		Vert SD	
		Start wk 1575 sec	501620.0	End wk 1575 sec	501625.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0057494291
		VCV xx	0.0000024866	VCV xy	0.0000018518
		VCV xz	-0.0000005415	VCV yy	0.0000109448
		VCV yz	-0.0000018202	VCV zz	0.0000027735
PT DGN	SO	Name	20021	To the Point	
GRID D	SO	Delta N	-0.034	Delta E	0.069
		Delta Elv	0.052		
GPSVEC	SO	Point ID 520022		DX 1493.748	DY -2955.377
		Class Stake out		DZ -2722.146	Code 20022
		Obs L1 Fixed		H.pr 0.017	V.pr 0.030
GPSQC1	NM	Min SVs	11	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	15.6
		Horz SD		Vert SD	
		Start wk 1575 sec	501667.0	End wk 1575 sec	501672.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0050336136
		VCV xx	0.0000020407	VCV xy	0.0000015375
		VCV xz	-0.0000004219	VCV yy	0.0000080441
		VCV yz	-0.000001166	VCV zz	0.0000022355
PT DGN	SO	Name	20022	To the Point	
GRID D	SO	Delta N	0.000	Delta E	0.018
		Delta Elv	0.015		
GPSVEC	SO	Point ID 520023		DX 1489.561	DY -2942.816
		Class Stake out		DZ -2709.597	Code 20023
		Obs L1 Fixed		H.pr 0.019	V.pr 0.034
GPSQC1	NM	Min SVs	11	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	14.5
		Horz SD		Vert SD	
		Start wk 1575 sec	501725.0	End wk 1575 sec	501730.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0057353326
		VCV xx	0.0000026058	VCV xy	0.0000018703
		VCV xz	-0.0000005392	VCV yy	0.0000103374
		VCV yz	-0.0000014295	VCV zz	0.0000028904
PT DGN	SO	Name	20023	To the Point	
GRID D	SO	Delta N	-0.083	Delta E	0.029
		Delta Elv	-0.069		

GPSVEC	SO	Point ID 520018	DX	1469.310	DY	-2989.520
		Class Stake out	DZ	-2777.128	Code	20018
		Obs L1 Fixed	H.pr	0.022	V.pr	0.039
GPSQC1	NM	Min SVs 11		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	1.1	
		Monitor status Not monitored		RMS	25.7	
		Horz SD		Vert SD		
		Start wk 1575 sec 501784.0		End wk 1575 sec 501789.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0066383788	
		VCV xx 0.0000034322		VCV xy	0.0000026081	
		VCV xz -0.0000008298		VCV yy	0.0000141075	
		VCV yz -0.0000023177		VCV zz	0.0000034528	
PT DGN	SO	Name 20018		To the Point		
GRID D	SO	Delta N 0.045		Delta E	0.090	
		Delta Elv -0.026				
GPSVEC	SO	Point ID 520017	DX	1464.912	DY	-2996.835
		Class Stake out	DZ	-2789.610	Code	20017
		Obs L1 Fixed	H.pr	0.021	V.pr	0.038
GPSQC1	NM	Min SVs 11		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	1.1	
		Monitor status Not monitored		RMS	22.8	
		Horz SD		Vert SD		
		Start wk 1575 sec 501828.0		End wk 1575 sec 501833.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0063478933	
		VCV xx 0.0000029652		VCV xy	0.0000016959	
		VCV xz -0.0000005662		VCV yy	0.0000127189	
		VCV yz -0.000001976		VCV zz	0.000003362	
PT DGN	SO	Name 20017		To the Point		
GRID D	SO	Delta N -0.043		Delta E	-0.041	
		Delta Elv 0.001				
GPSVEC	SO	Point ID 520016	DX	1448.746	DY	-3003.966
		Class Stake out	DZ	-2809.075	Code	20016
		Obs L1 Fixed	H.pr	0.020	V.pr	0.036
GPSQC1	NM	Min SVs 11		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	1.1	
		Monitor status Not monitored		RMS	19.2	
		Horz SD		Vert SD		
		Start wk 1575 sec 501878.0		End wk 1575 sec 501883.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0060311677	
		VCV xx 0.0000017186		VCV xy	-0.000000298	
		VCV xz -0.0000010036		VCV yy	0.0000065682	
		VCV yz -0.000003495		VCV zz	0.0000087533	
PT DGN	SO	Name 20016		To the Point		
GRID D	SO	Delta N 0.132		Delta E	-0.098	
		Delta Elv 0.001				
GPSVEC	SO	Point ID 520025	DX	1435.475	DY	-3003.740
		Class Stake out	DZ	-2817.038	Code	20025
		Obs L1 Fixed	H.pr	0.019	V.pr	0.035
GPSQC1	NM	Min SVs 11		PDOP max	1.3	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	1.1	
		Monitor status Not monitored		RMS	16.7	
		Horz SD		Vert SD		
		Start wk 1575 sec 501913.0		End wk 1575 sec 501918.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0059502083	
		VCV xx 0.0000017039		VCV xy	-0.0000003042	
		VCV xz -0.0000007921		VCV yy	0.0000065714	
		VCV yz -0.0000033117		VCV zz	0.0000082066	
PT DGN	SO	Name 20025		To the Point		
GRID D	SO	Delta N 0.081		Delta E	0.116	
		Delta Elv 0.025				
NOTE	TS	Time Date 03/19/2010 Time 12:29:41				
GRID D	SO	Delta N 0.128		Delta E	-0.075	
		Delta Elv -0.017				
GPSVEC	SO	Point ID 520028	DX	1394.553	DY	-2957.486
		Class Stake out	DZ	-2754.342	Code	20028
		Obs L1 Fixed	H.pr	0.018	V.pr	0.031
GPSQC1	NM	Min SVs 11		PDOP max	1.2	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	1.1	
		Monitor status Not monitored		RMS	15.2	
		Horz SD		Vert SD		
		Start wk 1575 sec 502307.0		End wk 1575 sec 502312.0		

GPSQC2	NM	Ttl satellites 11	Err Scale 0.0055790525
		VCV xx 0.0000016039	VCV xy -0.0000005514
		VCV xz -0.0000006229	VCV yy 0.0000052065
		VCV yz -0.0000017094	VCV zz 0.0000066747
PT DGN	SO	Name 20028	To the Point
GRID D	SO	Delta N -0.007	Delta E 0.051
		Delta Elv 0.021	
GPSVEC	SO	Point ID 520027 DX 1351.782 DY -2921.579	
		Class Stake out DZ -2735.334 Code 20027	
		Obs L1 Fixed H.pr 0.021 V.pr 0.037	
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 19.0	
		Horz SD Vert SD	
		Start wk 1575 sec 502395.0 End wk 1575 sec 502400.0	
GPSQC2	NM	Ttl satellites 11 Err Scale 0.0060881674	
		VCV xx 0.0000021242 VCV xy -0.0000010943	
		VCV xz -0.000000709 VCV yy 0.0000074547	
		VCV yz -0.0000024917 VCV zz 0.0000088529	
PT DGN	SO	Name 20027	To the Point
GRID D	SO	Delta N -0.022	Delta E -0.038
		Delta Elv -0.007	
GPSVEC	SO	Point ID 520026 DX 1313.352 DY -2889.372	
		Class Stake out DZ -2718.472 Code 20026	
		Obs L1 Fixed H.pr 0.026 V.pr 0.045	
GPSQC1	NM	Min SVs 11 PDOP max 1.2	
		Relative DOPs Yes HDOP max 0.6	
		Total GPS pos 6 VDOP max 1.1	
		Monitor status Not monitored RMS 24.0	
		Horz SD Vert SD	
		Start wk 1575 sec 502485.0 End wk 1575 sec 502490.0	
GPSQC2	NM	Ttl satellites 11 Err Scale 0.0080713406	
		VCV xx 0.0000034492 VCV xy -0.0000010174	
		VCV xz -0.0000008997 VCV yy 0.0000114374	
		VCV yz -0.0000028809 VCV zz 0.0000124262	
PT DGN	SO	Name 20026	To the Point
GRID D	SO	Delta N 0.071	Delta E 0.086
		Delta Elv 0.059	
GPSVEC	SO	Point ID 520014 DX 1289.349 DY -2894.236	
		Class Stake out DZ -2738.173 Code 20014	
		Obs L1 Fixed H.pr 0.019 V.pr 0.035	
GPSQC1	NM	Min SVs 10 PDOP max 1.4	
		Relative DOPs Yes HDOP max 0.6	
		Total GPS pos 6 VDOP max 1.2	
		Monitor status Not monitored RMS 17.1	
		Horz SD Vert SD	
		Start wk 1575 sec 502579.0 End wk 1575 sec 502584.0	
GPSQC2	NM	Ttl satellites 10 Err Scale 0.0057836981	
		VCV xx 0.0000021112 VCV xy -0.0000005148	
		VCV xz -0.0000008832 VCV yy 0.0000067356	
		VCV yz -0.0000015482 VCV zz 0.0000077838	
PT DGN	SO	Name 20014	To the Point
GRID D	SO	Delta N 0.058	Delta E -0.036
		Delta Elv 0.087	
GPSVEC	SO	Point ID 520621 DX 1233.706 DY -2894.162	
		Class Stake out DZ -2769.750 Code 20621	
		Obs L1 Fixed H.pr 0.025 V.pr 0.039	
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 22.4	
		Horz SD Vert SD	
		Start wk 1575 sec 503236.0 End wk 1575 sec 503241.0	
GPSQC2	NM	Ttl satellites 9 Err Scale 0.0065922779	
		VCV xx 0.0000031938 VCV xy -0.0000007494	
		VCV xz -0.0000011173 VCV yy 0.0000110545	
		VCV yz 0.0000010329 VCV zz 0.0000082604	
PT DGN	SO	Name 20621	To the Point
GRID D	SO	Delta N -0.036	Delta E -0.117
		Delta Elv -0.017	
GPSVEC	SO	Point ID 520620 DX 1244.282 DY -2865.380	
		Class Stake out DZ -2729.315 Code 20620	
		Obs L1 Fixed H.pr 0.020 V.pr 0.034	



GPSQC1	NM	Min SVs	10	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	18.6
		Horz SD		Vert SD	
		Start wk 1575 sec 503281.0		End wk 1575 sec 503286.0	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0059574796
		VCV xx	0.0000022908	VCV xy	-0.0000007482
		VCV xz	0.0000001873	VCV yy	0.0000092331
		VCV yz	-0.0000003646	VCV zz	0.0000048867
PT DGN	SO	Name	20620	To the Point	
GRID D	SO	Delta N	0.096	Delta E	-0.081
		Delta Elv	-0.053		
GPSVEC	SO	Point ID 520619	DX 1254.902	DY	-2836.409
		Class Stake out	DZ -2688.686	Code	20619
		Obs L1 Fixed	H.pr 0.020	V.pr	0.035
GPSQC1	NM	Min SVs	10	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	19.9
		Horz SD		Vert SD	
		Start wk 1575 sec 503331.0		End wk 1575 sec 503336.0	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0060066967
		VCV xx	0.0000025128	VCV xy	-0.0000003882
		VCV xz	-0.0000001552	VCV yy	0.000008534
		VCV yz	0.0000003234	VCV zz	0.0000054976
PT DGN	SO	Name	20619	To the Point	
GRID D	SO	Delta N	-0.040	Delta E	-0.004
		Delta Elv	0.009		
GPSVEC	SO	Point ID 520618	DX 1265.709	DY	-2807.126
		Class Stake out	DZ -2648.494	Code	20618
		Obs L1 Fixed	H.pr 0.022	V.pr	0.038
GPSQC1	NM	Min SVs	10	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	17.6
		Horz SD		Vert SD	
		Start wk 1575 sec 503377.0		End wk 1575 sec 503382.0	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0066673141
		VCV xx	0.0000030463	VCV xy	-0.000000403
		VCV xz	-0.0000000853	VCV yy	0.0000107955
		VCV yz	0.0000004828	VCV zz	0.0000063856
PT DGN	SO	Name	20618	To the Point	
GRID D	SO	Delta N	-0.036	Delta E	0.035
		Delta Elv	-0.024		
GPSVEC	SO	Point ID 520617	DX 1276.584	DY	-2777.793
		Class Stake out	DZ -2608.345	Code	20617
		Obs L1 Fixed	H.pr 0.021	V.pr	0.036
GPSQC1	NM	Min SVs	10	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	5	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.1
		Horz SD		Vert SD	
		Start wk 1575 sec 503421.0		End wk 1575 sec 503427.0	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0063259974
		VCV xx	0.0000027196	VCV xy	-0.0000003548
		VCV xz	-0.0000003059	VCV yy	0.0000094838
		VCV yz	0.0000008292	VCV zz	0.0000058701
PT DGN	SO	Name	20617	To the Point	
GRID D	SO	Delta N	-0.041	Delta E	0.033
		Delta Elv	0.029		
GPSVEC	SO	Point ID 520616	DX 1287.545	DY	-2748.591
		Class Stake out	DZ -2568.097	Code	20616
		Obs L1 Fixed	H.pr 0.019	V.pr	0.033
GPSQC1	NM	Min SVs	10	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	12.8
		Horz SD		Vert SD	
		Start wk 1575 sec 503471.0		End wk 1575 sec 503476.0	
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0053767958
		VCV xx	0.0000022417	VCV xy	-0.0000001819
		VCV xz	-0.0000000094	VCV yy	0.000008282
		VCV yz	0.0000005888	VCV zz	0.0000045842
PT DGN	SO	Name	20616	To the Point	
GRID D	SO	Delta N	-0.078	Delta E	-0.102
		Delta Elv	-0.043		

GPSVEC	SO	Point ID 520615	DX	1298.206	DY	-2719.262
		Class Stake out	DZ	-2527.954	Code	20615
		Obs L1 Fixed	H.pr	0.019	V.pr	0.033
GPSQC1	NM	Min SVs 10	PDOP max	1.2		
		Relative DOPs Yes	HDOP max	0.6		
		Total GPS pos 6	VDOP max	1.1		
		Monitor status Not monitored	RMS	11.1		
		Horz SD	Vert SD			
		Start wk 1575 sec 503512.0	End wk 1575	sec 503517.0		
GPSQC2	NM	Ttl satellites 10	Err Scale	0.0058141081		
		VCV xx 0.0000022865	VCV xy	-0.0000001001		
		VCV xz -0.0000000142	VCV yy	0.0000083027		
		VCV yz 0.0000006264	VCV zz	0.0000044512		
PT DGN	SO	Name 20615	To the Point			
GRID D	SO	Delta N -0.022	Delta E	0.089		
		Delta Elv -0.064				
GPSVEC	SO	Point ID 520614	DX	1309.272	DY	-2690.042
		Class Stake out	DZ	-2487.783	Code	20614
		Obs L1 Fixed	H.pr	0.022	V.pr	0.037
GPSQC1	NM	Min SVs 10	PDOP max	1.8		
		Relative DOPs Yes	HDOP max	0.9		
		Total GPS pos 6	VDOP max	1.5		
		Monitor status Not monitored	RMS	18.0		
		Horz SD	Vert SD			
		Start wk 1575 sec 503571.0	End wk 1575	sec 503576.0		
GPSQC2	NM	Ttl satellites 10	Err Scale	0.0061617177		
		VCV xx 0.0000030385	VCV xy	-0.0000005244		
		VCV xz 0.0000002139	VCV yy	0.0000110249		
		VCV yz 0.0000004472	VCV zz	0.0000054515		
PT DGN	SO	Name 20614	To the Point			
GRID D	SO	Delta N -0.034	Delta E	-0.134		
		Delta Elv -0.042				
GPSVEC	SO	Point ID 520613	DX	1320.062	DY	-2660.731
		Class Stake out	DZ	-2447.628	Code	20613
		Obs L1 Fixed	H.pr	0.021	V.pr	0.034
GPSQC1	NM	Min SVs 10	PDOP max	1.2		
		Relative DOPs Yes	HDOP max	0.6		
		Total GPS pos 6	VDOP max	1.1		
		Monitor status Not monitored	RMS	19.0		
		Horz SD	Vert SD			
		Start wk 1575 sec 503618.0	End wk 1575	sec 503623.0		
GPSQC2	NM	Ttl satellites 10	Err Scale	0.0061564646		
		VCV xx 0.0000024843	VCV xy	-0.0000005796		
		VCV xz 0.0000003082	VCV yy	0.0000094036		
		VCV yz 0.0000001997	VCV zz	0.000004683		
PT DGN	SO	Name 20613	To the Point			
GRID D	SO	Delta N -0.010	Delta E	-0.068		
		Delta Elv -0.039				
GPSVEC	SO	Point ID 520612	DX	1330.755	DY	-2631.398
		Class Stake out	DZ	-2407.502	Code	20612
		Obs L1 Fixed	H.pr	0.019	V.pr	0.034
GPSQC1	NM	Min SVs 11	PDOP max	1.2		
		Relative DOPs Yes	HDOP max	0.6		
		Total GPS pos 6	VDOP max	1.1		
		Monitor status Not monitored	RMS	12.2		
		Horz SD	Vert SD			
		Start wk 1575 sec 503668.0	End wk 1575	sec 503673.0		
GPSQC2	NM	Ttl satellites 11	Err Scale	0.0059896903		
		VCV xx 0.0000023744	VCV xy	0.0000001064		
		VCV xz 0.0000001664	VCV yy	0.0000088819		
		VCV yz 0.0000008471	VCV zz	0.0000039395		
PT DGN	SO	Name 20612	To the Point			
GRID D	SO	Delta N 0.050	Delta E	0.095		
		Delta Elv -0.035				
GPSVEC	SO	Point ID 520633	DX	1299.776	DY	-2576.849
		Class Stake out	DZ	-2362.848	Code	20633
		Obs L1 Fixed	H.pr	0.020	V.pr	0.033
GPSQC1	NM	Min SVs 10	PDOP max	1.2		
		Relative DOPs Yes	HDOP max	0.6		
		Total GPS pos 6	VDOP max	1.0		
		Monitor status Not monitored	RMS	12.4		
		Horz SD	Vert SD			
		Start wk 1575 sec 503853.0	End wk 1575	sec 503858.0		
GPSQC2	NM	Ttl satellites 10	Err Scale	0.0060570873		
		VCV xx 0.0000027624	VCV xy	-0.0000006205		
		VCV xz -0.0000003881	VCV yy	0.0000091696		
		VCV yz 0.0000009542	VCV zz	0.0000036558		
PT DGN	SO	Name 20633	To the Point			

GRID D	SO	Delta N	-0.036	Delta E	0.103
		Delta Elv	-0.038		

  

GPSVEC	SO	Point ID 520632	DX 1286.551	DY -2604.674
		Class Stake out	DZ -2402.718	Code 20632
		Obs L1 Fixed	H.pr 0.024	V.pr 0.039

  

GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	26.3
		Horz SD		Vert SD	
		Start wk 1575 sec 503907.0		End wk 1575 sec 503912.0	

  

GPSQC2	NM	Ttl satellites	10	Err Scale	0.0072291573
		VCV xx	0.0000037484	VCV xy	-0.0000002502
		VCV xz	-0.000000058	VCV yy	0.000013152
		VCV yz	0.0000020187	VCV zz	0.0000051691

  

PT DGN	SO	Name	20632	To the Point
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GRID D	SO	Delta N	-0.091	Delta E	0.028
		Delta Elv	-0.045		

  

GPSVEC	SO	Point ID 520631	DX 1273.215	DY -2632.625
		Class Stake out	DZ -2442.768	Code 20631
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047

  

GPSQC1	NM	Min SVs	9	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	28.7
		Horz SD		Vert SD	
		Start wk 1575 sec 503961.0		End wk 1575 sec 503966.0	

  

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0065922807
		VCV xx	0.0000050665	VCV xy	0.000002388
		VCV xz	-0.0000004571	VCV yy	0.000019609
		VCV yz	0.0000036001	VCV zz	0.0000057503

  

PT DGN	SO	Name	20631	To the Point
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GRID D	SO	Delta N	0.096	Delta E	-0.002
		Delta Elv	-0.075		

  

NOTE TS Time Date 03/19/2010 Time 13:00:02

  

GPSVEC	SO	Point ID 520630	DX 1259.910	DY -2660.298
		Class Stake out	DZ -2482.533	Code 20630
		Obs L1 Fixed	H.pr 0.025	V.pr 0.044

  

GPSQC1	NM	Min SVs	9	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	28.6
		Horz SD		Vert SD	
		Start wk 1575 sec 504009.0		End wk 1575 sec 504014.0	

  

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0061918148
		VCV xx	0.0000042601	VCV xy	0.0000021103
		VCV xz	-0.0000002778	VCV yy	0.0000176233
		VCV yz	0.0000031732	VCV zz	0.0000048269

  

PT DGN	SO	Name	20630	To the Point
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GRID D	SO	Delta N	-0.104	Delta E	0.061
		Delta Elv	-0.059		

  

GPSVEC	SO	Point ID 520629	DX 1246.635	DY -2688.203
		Class Stake out	DZ -2522.544	Code 20629
		Obs L1 Fixed	H.pr 0.024	V.pr 0.042

  

GPSQC1	NM	Min SVs	9	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	19.7
		Horz SD		Vert SD	
		Start wk 1575 sec 504063.0		End wk 1575 sec 504068.0	

  

GPSQC2	NM	Ttl satellites	9	Err Scale	0.005913307
		VCV xx	0.000004055	VCV xy	0.0000023479
		VCV xz	-0.0000000323	VCV yy	0.0000161833
		VCV yz	0.0000024394	VCV zz	0.000003979

  

PT DGN	SO	Name	20629	To the Point
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GRID D	SO	Delta N	0.011	Delta E	-0.004
		Delta Elv	-0.059		

  

GPSVEC	SO	Point ID 520628	DX 1233.320	DY -2715.962
		Class Stake out	DZ -2562.366	Code 20628
		Obs L1 Fixed	H.pr 0.025	V.pr 0.045

  

GPSQC1	NM	Min SVs	9	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	23.0
		Horz SD		Vert SD	
		Start wk 1575 sec 504106.0		End wk 1575 sec 504111.0	

GPSQC2	NM	Ttl satellites 9		Err Scale 0.0062943883
		VCV xx 0.0000045382		VCV xy 0.0000027803
		VCV xz 0.0000002029		VCV yy 0.0000190489
		VCV yz 0.0000021526		VCV zz 0.000003714
PT DGN	SO	Name 20628		To the Point
GRID D	SO	Delta N -0.095		Delta E 0.030
		Delta Elv -0.077		
GPSVEC	SO	Point ID 520626	DX 1206.748	DY -2771.568
		Class Stake out	DZ -2642.236	Code 20626
		Obs L1 Fixed	H.pr 0.022	V.pr 0.037
GPSQC1	NM	Min SVs 9		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 20.6
		Horz SD		Vert SD
		Start wk 1575 sec 504238.0		End wk 1575 sec 504243.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0053359233
		VCV xx 0.0000028239		VCV xy 0.00000085
		VCV xz -0.0000001748		VCV yy 0.0000132737
		VCV yz 0.0000017781		VCV zz 0.0000031886
PT DGN	SO	Name 20626		To the Point
GRID D	SO	Delta N -0.090		Delta E 0.007
		Delta Elv -0.023		
GPSVEC	SO	Point ID 520624	DX 1179.980	DY -2827.173
		Class Stake out	DZ -2722.129	Code 20624
		Obs L1 Fixed	H.pr 0.020	V.pr 0.035
GPSQC1	NM	Min SVs 9		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 11.8
		Horz SD		Vert SD
		Start wk 1575 sec 504358.0		End wk 1575 sec 504363.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0049724085
		VCV xx 0.000002686		VCV xy 0.0000011233
		VCV xz -0.0000001029		VCV yy 0.000011381
		VCV yz 0.0000012692		VCV zz 0.000002388
PT DGN	SO	Name 20624		To the Point
GRID D	SO	Delta N -0.018		Delta E 0.163
		Delta Elv -0.024		
GPSVEC	SO	Point ID 520622	DX 1159.642	DY -2869.902
		Class Stake out	DZ -2783.307	Code 20622
		Obs L1 Fixed	H.pr 0.026	V.pr 0.045
GPSQC1	NM	Min SVs 9		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 19.6
		Horz SD		Vert SD
		Start wk 1575 sec 504493.0		End wk 1575 sec 504498.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0065013724
		VCV xx 0.0000042987		VCV xy 0.0000015827
		VCV xz -0.0000002952		VCV yy 0.0000195501
		VCV yz 0.0000021211		VCV zz 0.0000036703
PT DGN	SO	Name 20622		To the Point
GRID D	SO	Delta N 0.014		Delta E 0.073
		Delta Elv -0.078		
GPSVEC	SO	Point ID 520640	DX 1114.043	DY -2826.615
		Class Stake out	DZ -2754.675	Code 20640
		Obs L1 Fixed	H.pr 0.020	V.pr 0.035
GPSQC1	NM	Min SVs 9		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 15.2
		Horz SD		Vert SD
		Start wk 1575 sec 504555.0		End wk 1575 sec 504560.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0050658807
		VCV xx 0.0000023966		VCV xy 0.0000008603
		VCV xz -0.0000000654		VCV yy 0.0000117832
		VCV yz 0.0000013354		VCV zz 0.0000023495
PT DGN	SO	Name 20640		To the Point
GRID D	SO	Delta N 0.116		Delta E -0.051
		Delta Elv -0.077		
GPSVEC	SO	Point ID 520639	DX 1132.921	DY -2801.652
		Class Stake out	DZ -2715.398	Code 20639
		Obs L1 Fixed	H.pr 0.022	V.pr 0.038

GPSQC1	NM	Min SVs	9	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	18.2
		Horz SD		Vert SD	
		Start wk 1575 sec	504600.0	End wk 1575 sec	504605.0
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0056278468
		VCV xx	0.0000029709	VCV xy	0.000001092
		VCV xz	0.0000000188	VCV yy	0.0000143245
		VCV yz	0.0000014688	VCV zz	0.0000029407
PT DGN	SO	Name	20639	To the Point	
GRID D	SO	Delta N	-0.065	Delta E	-0.167
		Delta Elv	-0.038		
GPSVEC	SO	Point ID 520638		DX 1151.507	DY -2776.727
		Class Stake out		DZ -2676.261	Code 20638
		Obs L1 Fixed		H.pr 0.030	V.pr 0.051
GPSQC1	NM	Min SVs	9	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	26.4
		Horz SD		Vert SD	
		Start wk 1575 sec	504646.0	End wk 1575 sec	504651.0
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0075233202
		VCV xx	0.0000051151	VCV xy	0.0000017103
		VCV xz	-0.0000002628	VCV yy	0.0000247419
		VCV yz	0.0000034401	VCV zz	0.0000060014
PT DGN	SO	Name	20638	To the Point	
GRID D	SO	Delta N	-0.038	Delta E	-0.035
		Delta Elv	-0.044		
GPSVEC	SO	Point ID 520637		DX 1170.547	DY -2751.977
		Class Stake out		DZ -2637.048	Code 20637
		Obs L1 Fixed		H.pr 0.022	V.pr 0.034
GPSQC1	NM	Min SVs	8	PDOP max	2.2
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	14.0
		Horz SD		Vert SD	
		Start wk 1575 sec	504722.0	End wk 1575 sec	504727.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0046737939
		VCV xx	0.0000024451	VCV xy	0.0000003429
		VCV xz	-0.0000007939	VCV yy	0.0000114223
		VCV yz	0.0000027831	VCV zz	0.0000033614
PT DGN	SO	Name	20637	To the Point	
GRID D	SO	Delta N	-0.096	Delta E	-0.388
		Delta Elv	-0.067		
GPSVEC	SO	Point ID 520636		DX 1188.817	DY -2726.796
		Class Stake out		DZ -2597.835	Code 20636
		Obs L1 Fixed		H.pr 0.022	V.pr 0.033
GPSQC1	NM	Min SVs	8	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	9.6
		Horz SD		Vert SD	
		Start wk 1575 sec	504767.0	End wk 1575 sec	504772.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0048663975
		VCV xx	0.0000025655	VCV xy	0.0000007631
		VCV xz	-0.0000005916	VCV yy	0.0000107931
		VCV yz	0.0000018201	VCV zz	0.000002539
PT DGN	SO	Name	20636	To the Point	
GRID D	SO	Delta N	-0.187	Delta E	0.138
		Delta Elv	-0.038		
GPSVEC	SO	Point ID 520635		DX 1207.611	DY -2702.153
		Class Stake out		DZ -2559.013	Code 20635
		Obs L1 Fixed		H.pr 0.022	V.pr 0.033
GPSQC1	NM	Min SVs	8	PDOP max	2.2
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	17.3
		Horz SD		Vert SD	
		Start wk 1575 sec	504807.0	End wk 1575 sec	504812.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0046175416
		VCV xx	0.0000026292	VCV xy	0.0000008626
		VCV xz	-0.0000005695	VCV yy	0.0000114135
		VCV yz	0.0000018483	VCV zz	0.0000025482
PT DGN	SO	Name	20635	To the Point	
GRID D	SO	Delta N	0.192	Delta E	-0.040
		Delta Elv	0.005		

GPSVEC	SO	Point ID 520634	DX 1226.270	DY -2677.239
		Class Stake out	DZ -2519.750	Code 20634
		Obs L1 Fixed	H.pr 0.023	V.pr 0.035
GPSQC1	NM	Min SVs 8	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 6	VDOP max 1.3	
		Monitor status Not monitored	RMS 19.7	
		Horz SD	Vert SD	
		Start wk 1575 sec 504853.0	End wk 1575 sec 504858.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0052744113	
		VCV xx 0.0000029968	VCV xy 0.0000012325	
		VCV xz -0.0000005598	VCV yy 0.0000127871	
		VCV yz 0.000001783	VCV zz 0.0000026345	
PT DGN	SO	Name 20634	To the Point	
GRID D	SO	Delta N 0.104	Delta E 0.021	
		Delta Elv -0.059		
GPSVEC	SO	Point ID 520652	DX 1261.578	DY -2556.210
		Class Stake out	DZ -2357.593	Code 20652
		Obs L1 Fixed	H.pr 0.019	V.pr 0.029
GPSQC1	NM	Min SVs 8	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.8	
		Monitor status Not monitored	RMS 10.7	
		Horz SD	Vert SD	
		Start wk 1575 sec 504980.0	End wk 1575 sec 504985.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0040945336	
		VCV xx 0.0000019957	VCV xy 0.0000007572	
		VCV xz -0.0000004019	VCV yy 0.0000088949	
		VCV yz 0.0000012916	VCV zz 0.0000017891	
PT DGN	SO	Name 20652	To the Point	
GRID D	SO	Delta N 0.079	Delta E 0.231	
		Delta Elv 0.007		
GPSVEC	SO	Point ID 520651	DX 1242.848	DY -2581.220
		Class Stake out	DZ -2396.887	Code 20651
		Obs L1 Fixed	H.pr 0.021	V.pr 0.031
GPSQC1	NM	Min SVs 8	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.8	
		Monitor status Not monitored	RMS 14.6	
		Horz SD	Vert SD	
		Start wk 1575 sec 505036.0	End wk 1575 sec 505041.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.004429637	
		VCV xx 0.0000023264	VCV xy 0.0000007818	
		VCV xz -0.0000005036	VCV yy 0.0000102931	
		VCV yz 0.000001499	VCV zz 0.0000020813	
PT DGN	SO	Name 20651	To the Point	
GRID D	SO	Delta N 0.299	Delta E -0.096	
		Delta Elv 0.002		
GPSVEC	SO	Point ID 520650	DX 1223.871	DY -2605.864
		Class Stake out	DZ -2435.724	Code 20650
		Obs L1 Fixed	H.pr 0.024	V.pr 0.036
GPSQC1	NM	Min SVs 8	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 6	VDOP max 1.2	
		Monitor status Not monitored	RMS 17.8	
		Horz SD	Vert SD	
		Start wk 1575 sec 505076.0	End wk 1575 sec 505081.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0055487673	
		VCV xx 0.0000028686	VCV xy 0.0000011024	
		VCV xz -0.0000004585	VCV yy 0.0000144166	
		VCV yz 0.0000015426	VCV zz 0.0000023546	
PT DGN	SO	Name 20650	To the Point	
GRID D	SO	Delta N 0.018	Delta E -0.041	
		Delta Elv -0.089		
GPSVEC	SO	Point ID 520649	DX 1204.964	DY -2630.649
		Class Stake out	DZ -2474.955	Code 20649
		Obs L1 Fixed	H.pr 0.032	V.pr 0.048
GPSQC1	NM	Min SVs 8	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 19.9	
		Horz SD	Vert SD	
		Start wk 1575 sec 505131.0	End wk 1575 sec 505136.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0068022893	
		VCV xx 0.0000053146	VCV xy 0.0000014941	
		VCV xz -0.0000009897	VCV yy 0.000024322	
		VCV yz 0.0000025694	VCV zz 0.0000044735	
PT DGN	SO	Name 20649	To the Point	

GRID D	SO	Delta N	0.112	Delta E	-0.111
		Delta Elv	-0.026		
GPSVEC	SO	Point ID 520648	DX 1185.916	DY	-2655.250
		Class Stake out	DZ -2513.950	Code	20648
		Obs L1 Fixed	H.pr 0.026	V.pr	0.043
GPSQC1	NM	Min SVs	9	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	22.5
		Horz SD		Vert SD	
		Start wk 1575 sec 505173.0		End wk 1575 sec 505178.0	
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0064725112
		VCV xx	0.0000034246	VCV xy	0.0000006867
		VCV xz	-0.0000005102	VCV yy	0.0000158756
		VCV yz	0.0000014898	VCV zz	0.0000031642
PT DGN	SO	Name	20648	To the Point	
GRID D	SO	Delta N	-0.047	Delta E	0.026
		Delta Elv	-0.017		
GPSVEC	SO	Point ID 520647	DX 1167.064	DY	-2680.096
		Class Stake out	DZ -2553.046	Code	20647
		Obs L1 Fixed	H.pr 0.029	V.pr	0.047
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	18.1
		Horz SD		Vert SD	
		Start wk 1575 sec 505217.0		End wk 1575 sec 505222.0	
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0082762558
		VCV xx	0.0000066691	VCV xy	0.0000023395
		VCV xz	-0.0000009873	VCV yy	0.0000181932
		VCV yz	0.0000026603	VCV zz	0.0000065145
PT DGN	SO	Name	20647	To the Point	
GRID D	SO	Delta N	-0.042	Delta E	-0.120
		Delta Elv	-0.061		
GPSVEC	SO	Point ID 520646	DX 1147.915	DY	-2704.714
		Class Stake out	DZ -2592.183	Code	20646
		Obs L1 Fixed	H.pr 0.023	V.pr	0.038
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	16.9
		Horz SD		Vert SD	
		Start wk 1575 sec 505263.0		End wk 1575 sec 505268.0	
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0066999346
		VCV xx	0.0000042854	VCV xy	0.0000015722
		VCV xz	-0.0000007541	VCV yy	0.0000122436
		VCV yz	0.0000018934	VCV zz	0.0000040082
PT DGN	SO	Name	20646	To the Point	
GRID D	SO	Delta N	-0.052	Delta E	0.100
		Delta Elv	-0.014		
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	KISurvey 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	1575
		Init type	On the fly	seconds	505619.0
		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 Measuremt Uncorrected

GPSVEC SO Point ID 520646CHK DX 1147.946 DY -2704.732  
Class Stake out DZ -2592.228 Code 520646  
Obs L1 Fixed H.pr 0.017 V.pr 0.032

GPSQC1 NM Min SVs 10 PDOP max 1.2  
Relative DOPs Yes HDOP max 0.6  
Total GPS pos 6 VDOP max 1.0  
Monitor status Not monitored RMS 13.1  
Horz SD Vert SD  
Start wk 1575 sec 505691.0 End wk 1575 sec 505696.0

GPSQC2 NM Ttl satellites 10 Err Scale 0.0058872327  
VCV xx 0.0000043911 VCV xy 0.0000018625  
VCV xz -0.0000010039 VCV yy 0.0000060941  
VCV yz 0.0000007086 VCV zz 0.0000031077

PT DGN SO Name 520646 To the Point

GRID D SO Delta N 0.039 Delta E -0.035  
Delta Elv 0.024

GPSVEC SO Point ID 520645 DX 1128.969 DY -2729.436  
Class Stake out DZ -2631.286 Code 20645  
Obs L1 Fixed H.pr 0.022 V.pr 0.040

GPSQC1 NM Min SVs 10 PDOP max 1.2  
Relative DOPs Yes HDOP max 0.6  
Total GPS pos 6 VDOP max 1.0  
Monitor status Not monitored RMS 25.2  
Horz SD Vert SD  
Start wk 1575 sec 505738.0 End wk 1575 sec 505743.0

GPSQC2 NM Ttl satellites 10 Err Scale 0.0073309257  
VCV xx 0.0000067965 VCV xy 0.0000028135  
VCV xz -0.000001473 VCV yy 0.000009663  
VCV yz 0.0000009419 VCV zz 0.0000046096

PT DGN SO Name 20645 To the Point

GRID D SO Delta N -0.085 Delta E 0.093  
Delta Elv 0.004

GPSVEC SO Point ID 520644 DX 1109.978 DY -2754.243  
Class Stake out DZ -2670.436 Code 20644  
Obs L1 Fixed H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 10 PDOP max 1.2  
Relative DOPs Yes HDOP max 0.6  
Total GPS pos 6 VDOP max 1.0  
Monitor status Not monitored RMS 17.8  
Horz SD Vert SD  
Start wk 1575 sec 505782.0 End wk 1575 sec 505787.0

GPSQC2 NM Ttl satellites 10 Err Scale 0.0069356319  
VCV xx 0.0000054388 VCV xy 0.0000025902  
VCV xz -0.000000953 VCV yy 0.0000096629  
VCV yz 0.0000008923 VCV zz 0.0000037444

PT DGN SO Name 20644 To the Point

GRID D SO Delta N -0.023 Delta E 0.090  
Delta Elv -0.027

NOTE TS Time Date 03/19/2010 Time 13:30:12

GPSVEC SO Point ID 520643 DX 1091.048 DY -2778.927  
Class Stake out DZ -2709.586 Code 20643  
Obs L1 Fixed H.pr 0.023 V.pr 0.042

GPSQC1 NM Min SVs 10 PDOP max 1.2  
Relative DOPs Yes HDOP max 0.6  
Total GPS pos 6 VDOP max 1.0  
Monitor status Not monitored RMS 20.6  
Horz SD Vert SD  
Start wk 1575 sec 505821.0 End wk 1575 sec 505826.0

GPSQC2 NM Ttl satellites 10 Err Scale 0.0077771591  
VCV xx 0.0000071209 VCV xy 0.0000036783  
VCV xz -0.0000015168 VCV yy 0.0000123302  
VCV yz 0.0000010221 VCV zz 0.0000042268

PT DGN SO Name 20643 To the Point

GRID D SO Delta N -0.042 Delta E 0.083  
Delta Elv 0.053

GPSVEC SO Point ID 520642 DX 1072.052 DY -2803.668  
Class Stake out DZ -2748.678 Code 20642  
Obs L1 Fixed H.pr 0.019 V.pr 0.035

GPSQC1 NM Min SVs 10 PDOP max 1.7  
Relative DOPs Yes HDOP max 0.8  
Total GPS pos 5 VDOP max 1.5  
Monitor status Not monitored RMS 17.1  
Horz SD Vert SD  
Start wk 1575 sec 505863.0 End wk 1575 sec 505868.0



GPSQC2	NM	Ttl satellites 10		Err Scale 0.0059732301
		VCV xx 0.0000051489		VCV xy 0.0000024733
		VCV xz -0.0000011599		VCV yy 0.0000080918
		VCV yz 0.0000005749		VCV zz 0.0000030365
PT DGN	SO	Name 20642		To the Point
GRID D	SO	Delta N -0.060		Delta E 0.113
		Delta Elv 0.034		
GPSVEC	SO	Point ID 520641	DX 1053.449	DY -2828.210
		Class Stake out	DZ -2788.145	Code 20641
		Obs L1 Fixed	H.pr 0.021	V.pr 0.038
GPSQC1	NM	Min SVs 10		PDOP max 1.2
		Relative DOPs Yes		HDOP max 0.6
		Total GPS pos 6		VDOP max 1.0
		Monitor status Not monitored		RMS 18.3
		Horz SD		Vert SD
		Start wk 1575 sec 505908.0		End wk 1575 sec 505913.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0070480187
		VCV xx 0.0000059849		VCV xy 0.0000030318
		VCV xz -0.0000011888		VCV yy 0.0000095577
		VCV yz 0.0000008231		VCV zz 0.0000038537
PT DGN	SO	Name 20641		To the Point
GRID D	SO	Delta N 0.018		Delta E -0.131
		Delta Elv -0.016		
GPSVEC	SO	Point ID 520664	DX 1008.770	DY -2803.100
		Class Stake out	DZ -2782.409	Code 20664
		Obs L1 Fixed	H.pr 0.023	V.pr 0.042
GPSQC1	NM	Min SVs 10		PDOP max 1.2
		Relative DOPs Yes		HDOP max 0.6
		Total GPS pos 6		VDOP max 1.0
		Monitor status Not monitored		RMS 22.5
		Horz SD		Vert SD
		Start wk 1575 sec 505955.0		End wk 1575 sec 505960.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0078708353
		VCV xx 0.0000084089		VCV xy 0.00000392
		VCV xz -0.0000020292		VCV yy 0.0000107873
		VCV yz 0.0000004202		VCV zz 0.0000049489
PT DGN	SO	Name 20664		To the Point
GRID D	SO	Delta N 0.009		Delta E 0.140
		Delta Elv -0.013		
GPSVEC	SO	Point ID 520663	DX 1025.649	DY -2777.926
		Class Stake out	DZ -2742.422	Code 20663
		Obs L1 Fixed	H.pr 0.025	V.pr 0.046
GPSQC1	NM	Min SVs 10		PDOP max 1.2
		Relative DOPs Yes		HDOP max 0.6
		Total GPS pos 6		VDOP max 1.0
		Monitor status Not monitored		RMS 27.1
		Horz SD		Vert SD
		Start wk 1575 sec 505999.0		End wk 1575 sec 506004.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0085362392
		VCV xx 0.0000086802		VCV xy 0.0000046524
		VCV xz -0.0000017479		VCV yy 0.0000143782
		VCV yz 0.000000836		VCV zz 0.0000052851
PT DGN	SO	Name 20663		To the Point
GRID D	SO	Delta N -0.098		Delta E -0.020
		Delta Elv -0.024		
GPSVEC	SO	Point ID 520662	DX 1043.201	DY -2753.087
		Class Stake out	DZ -2702.798	Code 20662
		Obs L1 Fixed	H.pr 0.022	V.pr 0.040
GPSQC1	NM	Min SVs 10		PDOP max 1.6
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 6		VDOP max 1.4
		Monitor status Not monitored		RMS 21.9
		Horz SD		Vert SD
		Start wk 1575 sec 506046.0		End wk 1575 sec 506051.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0068014525
		VCV xx 0.0000066357		VCV xy 0.0000034869
		VCV xz -0.0000014886		VCV yy 0.0000105202
		VCV yz 0.0000006583		VCV zz 0.0000037856
PT DGN	SO	Name 20662		To the Point
GRID D	SO	Delta N -0.026		Delta E -0.002
		Delta Elv -0.015		
GPSVEC	SO	Point ID 520661	DX 1062.526	DY -2728.588
		Class Stake out	DZ -2663.794	Code 20661
		Obs L1 Fixed	H.pr 0.020	V.pr 0.037

GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	18.8
		Horz SD		Vert SD	
		Start wk 1575 sec	506086.0	End wk 1575 sec	506091.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.006931148
		VCV xx	0.0000060435	VCV xy	0.0000029242
		VCV xz	-0.0000014174	VCV yy	0.0000087765
		VCV yz	0.0000006623	VCV zz	0.0000037788
PT DGN	SO	Name	20661	To the Point	
GRID D	SO	Delta N	0.058	Delta E	-0.030
		Delta Elv	-0.019		
GPSVEC	SO	Point ID 520660		DX 1081.947	DY -2704.089
		Class Stake out		DZ -2624.721	Code 20660
		Obs L1 Fixed		H.pr 0.020	V.pr 0.036
GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	16.3
		Horz SD		Vert SD	
		Start wk 1575 sec	506141.0	End wk 1575 sec	506146.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0067220675
		VCV xx	0.0000055867	VCV xy	0.0000027573
		VCV xz	-0.0000012825	VCV yy	0.000000837
		VCV yz	0.0000005981	VCV zz	0.0000034758
PT DGN	SO	Name	20660	To the Point	
GRID D	SO	Delta N	0.060	Delta E	-0.146
		Delta Elv	-0.031		
GPSVEC	SO	Point ID 520659		DX 1101.233	DY -2679.447
		Class Stake out		DZ -2585.631	Code 20659
		Obs L1 Fixed		H.pr 0.020	V.pr 0.036
GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	22.1
		Horz SD		Vert SD	
		Start wk 1575 sec	506187.0	End wk 1575 sec	506192.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0066797133
		VCV xx	0.0000056043	VCV xy	0.000002609
		VCV xz	-0.0000016959	VCV yy	0.0000078704
		VCV yz	0.0000007545	VCV zz	0.0000036835
PT DGN	SO	Name	20659	To the Point	
GRID D	SO	Delta N	0.008	Delta E	-0.081
		Delta Elv	0.005		
GPSVEC	SO	Point ID 520658		DX 1120.602	DY -2654.941
		Class Stake out		DZ -2546.712	Code 20658
		Obs L1 Fixed		H.pr 0.025	V.pr 0.046
GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	29.6
		Horz SD		Vert SD	
		Start wk 1575 sec	506258.0	End wk 1575 sec	506263.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0086086402
		VCV xx	0.0000096035	VCV xy	0.0000047849
		VCV xz	-0.000002181	VCV yy	0.0000122432
		VCV yz	0.0000007956	VCV zz	0.0000064961
PT DGN	SO	Name	20658	To the Point	
GRID D	SO	Delta N	0.144	Delta E	-0.149
		Delta Elv	0.070		
GPSVEC	SO	Point ID 520657		DX 1139.818	DY -2630.144
		Class Stake out		DZ -2507.404	Code 20657
		Obs L1 Fixed		H.pr 0.020	V.pr 0.037
GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.0
		Monitor status	Not monitored	RMS	22.3
		Horz SD		Vert SD	
		Start wk 1575 sec	506298.0	End wk 1575 sec	506303.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0069684652
		VCV xx	0.0000064667	VCV xy	0.0000036177
		VCV xz	-0.000001555	VCV yy	0.0000083076
		VCV yz	0.0000001984	VCV zz	0.0000037349
PT DGN	SO	Name	20657	To the Point	
GRID D	SO	Delta N	-0.149	Delta E	0.047
		Delta Elv	0.067		

GPSVEC	SO	Point ID 520656	DX 1159.090	DY -2605.563
		Class Stake out	DZ -2468.368	Code 20656
		Obs L1 Fixed	H.pr 0.025	V.pr 0.046
GPSQC1	NM	Min SVs 10	PDOP max 1.2	
		Relative DOPs Yes	HDOP max 0.6	
		Total GPS pos 6	VDOP max 1.0	
		Monitor status Not monitored	RMS 31.1	
		Horz SD	Vert SD	
		Start wk 1575 sec 506356.0	End wk 1575 sec 506361.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0085843364	
		VCV xx 0.0000096606	VCV xy 0.0000046074	
		VCV xz -0.0000022088	VCV yy 0.000012289	
		VCV yz 0.0000002285	VCV zz 0.0000059931	
PT DGN	SO	Name 20656	To the Point	
GRID D	SO	Delta N -0.122	Delta E 0.100	
		Delta Elv 0.086		
GPSVEC	SO	Point ID 520655	DX 1178.480	DY -2581.154
		Class Stake out	DZ -2429.371	Code 20655
		Obs L1 Fixed	H.pr 0.021	V.pr 0.037
GPSQC1	NM	Min SVs 9	PDOP max 1.2	
		Relative DOPs Yes	HDOP max 0.6	
		Total GPS pos 6	VDOP max 1.0	
		Monitor status Not monitored	RMS 17.0	
		Horz SD	Vert SD	
		Start wk 1575 sec 506410.0	End wk 1575 sec 506415.0	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.006868476	
		VCV xx 0.000006209	VCV xy 0.0000029155	
		VCV xz -0.0000008186	VCV yy 0.0000079854	
		VCV yz 0.000000301	VCV zz 0.0000049782	
PT DGN	SO	Name 20655	To the Point	
GRID D	SO	Delta N -0.002	Delta E -0.029	
		Delta Elv 0.042		
GPSVEC	SO	Point ID 520654	DX 1197.767	DY -2556.592
		Class Stake out	DZ -2390.143	Code 20654
		Obs L1 Fixed	H.pr 0.024	V.pr 0.040
GPSQC1	NM	Min SVs 8	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 5	VDOP max 1.6	
		Monitor status Not monitored	RMS 19.1	
		Horz SD	Vert SD	
		Start wk 1575 sec 506466.0	End wk 1575 sec 506471.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0062919674	
		VCV xx 0.000007177	VCV xy 0.0000039509	
		VCV xz -0.000000226	VCV yy 0.0000088716	
		VCV yz 0.0000003208	VCV zz 0.0000059163	
PT DGN	SO	Name 20654	To the Point	
GRID D	SO	Delta N -0.124	Delta E 0.003	
		Delta Elv -0.063		
GPSVEC	SO	Point ID 520653	DX 1217.130	DY -2532.222
		Class Stake out	DZ -2351.386	Code 20653
		Obs L1 Fixed	H.pr 0.021	V.pr 0.035
GPSQC1	NM	Min SVs 8	PDOP max 1.3	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 1.1	
		Monitor status Not monitored	RMS 10.1	
		Horz SD	Vert SD	
		Start wk 1575 sec 506509.0	End wk 1575 sec 506514.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0060869851	
		VCV xx 0.0000052361	VCV xy 0.0000027582	
		VCV xz -0.0000003084	VCV yy 0.0000074802	
		VCV yz 0.0000004225	VCV zz 0.000004911	
PT DGN	SO	Name 20653	To the Point	
GRID D	SO	Delta N 0.217	Delta E -0.119	
		Delta Elv -0.003		
GPSVEC	SO	Point ID 520675	DX 1156.227	DY -2531.918
		Class Stake out	DZ -2385.641	Code 20675
		Obs L1 Fixed	H.pr 0.028	V.pr 0.046
GPSQC1	NM	Min SVs 8	PDOP max 1.3	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 1.1	
		Monitor status Not monitored	RMS 22.3	
		Horz SD	Vert SD	
		Start wk 1575 sec 506644.0	End wk 1575 sec 506649.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.007937979	
		VCV xx 0.0000088759	VCV xy 0.0000049269	
		VCV xz -0.000000562	VCV yy 0.0000131689	
		VCV yz 0.0000005072	VCV zz 0.0000079194	
PT DGN	SO	Name 20675	To the Point	

GRID D	SO	Delta N	-0.042	Delta E	-0.137
		Delta Elv	-0.010		
GPSVEC	SO	Point ID 520673	DX 1118.229	DY	-2581.370
		Class Stake out	DZ -2463.855	Code	20673
		Obs L1 Fixed	H.pr 0.024	V.pr	0.061
GPSQC1	NM	Min SVs	6	PDOP max	4.3
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	4.0
		Monitor status	Not monitored	RMS	15.9
		Horz SD		Vert SD	
		Start wk 1575 sec 507335.0		End wk 1575 sec 507340.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0037424364
		VCV xx	0.0000190007	VCV xy	0.0000162166
		VCV xz	-0.0000086788	VCV yy	0.0000182437
		VCV yz	-0.0000078008	VCV zz	0.0000065141
PT DGN	SO	Name	20673	To the Point	
GRID D	SO	Delta N	-0.051	Delta E	-0.206
		Delta Elv	0.027		
GPSVEC	SO	Point ID 520672	DX 1098.853	DY	-2606.044
		Class Stake out	DZ -2503.034	Code	20672
		Obs L1 Fixed	H.pr 0.023	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	4.4
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	4.1
		Monitor status	Not monitored	RMS	11.7
		Horz SD		Vert SD	
		Start wk 1575 sec 507376.0		End wk 1575 sec 507381.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0036488411
		VCV xx	0.0000189211	VCV xy	0.0000158843
		VCV xz	-0.0000091963	VCV yy	0.0000165747
		VCV yz	-0.000007623	VCV zz	0.0000067798
PT DGN	SO	Name	20672	To the Point	
GRID D	SO	Delta N	0.071	Delta E	0.122
		Delta Elv	-0.003		
GPSVEC	SO	Point ID 520671	DX 1079.747	DY	-2630.788
		Class Stake out	DZ -2542.081	Code	20671
		Obs L1 Fixed	H.pr 0.027	V.pr	0.069
GPSQC1	NM	Min SVs	6	PDOP max	4.4
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	4.1
		Monitor status	Not monitored	RMS	23.8
		Horz SD		Vert SD	
		Start wk 1575 sec 507420.0		End wk 1575 sec 507425.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0041774358
		VCV xx	0.0000257377	VCV xy	0.0000211369
		VCV xz	-0.0000121031	VCV yy	0.000021705
		VCV yz	-0.0000102484	VCV zz	0.000008851
PT DGN	SO	Name	20671	To the Point	
GRID D	SO	Delta N	0.055	Delta E	0.176
		Delta Elv	-0.069		
GPSVEC	SO	Point ID 520670	DX 1061.081	DY	-2655.724
		Class Stake out	DZ -2581.208	Code	20670
		Obs L1 Fixed	H.pr 0.033	V.pr	0.085
GPSQC1	NM	Min SVs	6	PDOP max	4.4
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	4.2
		Monitor status	Not monitored	RMS	22.6
		Horz SD		Vert SD	
		Start wk 1575 sec 507490.0		End wk 1575 sec 507495.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0051109688
		VCV xx	0.0000386573	VCV xy	0.0000326801
		VCV xz	-0.0000189424	VCV yy	0.0000336948
		VCV yz	-0.0000162785	VCV zz	0.0000137477
PT DGN	SO	Name	20670	To the Point	
GRID D	SO	Delta N	0.093	Delta E	-0.249
		Delta Elv	-0.079		
GPSVEC	SO	Point ID 520669	DX 1042.018	DY	-2680.009
		Class Stake out	DZ -2619.785	Code	20669
		Obs L1 Fixed	H.pr 0.035	V.pr	0.092
GPSQC1	NM	Min SVs	6	PDOP max	4.5
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	4.2
		Monitor status	Not monitored	RMS	17.9
		Horz SD		Vert SD	
		Start wk 1575 sec 507567.0		End wk 1575 sec 507572.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0054516718
		VCV xx	0.0000426179	VCV xy	0.0000376693
		VCV xz	-0.000021023	VCV yy	0.0000413923
		VCV yz	-0.0000192077	VCV zz	0.0000157545

PT DGN	SO	Name	20669	To the Point
GRID D	SO	Delta N	-0.557	Delta E -0.036
		Delta Elv	-0.072	
NOTE	TS	Time Date	03/19/2010	Time 14:01:32
GPSVEC	SO	Point ID 520667	DX 1003.822	DY -2729.653
		Class Stake out	DZ -2698.468	Code 20667
		Obs L1 Fixed	H.pr 0.022	V.pr 0.059
GPSQC1	NM	Min SVs 6	PDOP max 4.5	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 4.2	
		Monitor status Not monitored	RMS 8.5	
		Horz SD	Vert SD	
		Start wk 1575 sec 507698.0	End wk 1575 sec 507703.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0034642778	
		VCV xx 0.0000172921	VCV xy 0.0000155301	
		VCV xz -0.0000093265	VCV yy 0.0000167684	
		VCV yz -0.0000083499	VCV zz 0.000006913	
PT DGN	SO	Name	20667	To the Point
GRID D	SO	Delta N	-0.035	Delta E -0.009
		Delta Elv	0.032	
GPSVEC	SO	Point ID 520666	DX 985.120	DY -2754.324
		Class Stake out	DZ -2737.339	Code 20666
		Obs L1 Fixed	H.pr 0.057	V.pr 0.154
GPSQC1	NM	Min SVs 6	PDOP max 4.5	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 4.2	
		Monitor status Not monitored	RMS 32.8	
		Horz SD	Vert SD	
		Start wk 1575 sec 507743.0	End wk 1575 sec 507748.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0090477588	
		VCV xx 0.0001143875	VCV xy 0.0001049017	
		VCV xz -0.0000602899	VCV yy 0.0001194262	
		VCV yz -0.0000576375	VCV zz 0.0000461139	
PT DGN	SO	Name	20666	To the Point
GRID D	SO	Delta N	-0.335	Delta E -0.289
		Delta Elv	-0.058	
GPSVEC	SO	Point ID 520665	DX 965.970	DY -2778.356
		Class Stake out	DZ -2777.252	Code 20665
		Obs L1 Fixed	H.pr 0.029	V.pr 0.080
GPSQC1	NM	Min SVs 6	PDOP max 4.5	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 4.2	
		Monitor status Not monitored	RMS 17.6	
		Horz SD	Vert SD	
		Start wk 1575 sec 507787.0	End wk 1575 sec 507792.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0046737045	
		VCV xx 0.0000309998	VCV xy 0.000028301	
		VCV xz -0.000016928	VCV yy 0.0000309089	
		VCV yz -0.0000154269	VCV zz 0.0000127425	
PT DGN	SO	Name	20665	To the Point
GRID D	SO	Delta N	-0.018	Delta E 0.106
		Delta Elv	0.025	
GPSVEC	SO	Point ID 520684	DX 921.610	DY -2752.837
		Class Stake out	DZ -2772.105	Code 20684
		Obs L1 Fixed	H.pr 0.027	V.pr 0.074
GPSQC1	NM	Min SVs 6	PDOP max 4.5	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 4.2	
		Monitor status Not monitored	RMS 7.9	
		Horz SD	Vert SD	
		Start wk 1575 sec 507840.0	End wk 1575 sec 507845.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0043670405	
		VCV xx 0.0000267337	VCV xy 0.0000246369	
		VCV xz -0.0000151346	VCV yy 0.0000269302	
		VCV yz -0.0000139398	VCV zz 0.0000112877	
PT DGN	SO	Name	20684	To the Point
GRID D	SO	Delta N	0.135	Delta E 0.381
		Delta Elv	-0.041	
GPSVEC	SO	Point ID 520683	DX 940.623	DY -2728.442
		Class Stake out	DZ -2732.903	Code 20683
		Obs L1 Fixed	H.pr 0.035	V.pr 0.096
GPSQC1	NM	Min SVs 6	PDOP max 3.2	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 3.0	
		Monitor status Not monitored	RMS 16.4	
		Horz SD	Vert SD	
		Start wk 1575 sec 507900.0	End wk 1575 sec 507905.0	

GPSQC2	NM	Ttl satellites 6		Err Scale 0.0060826116
		VCV xx 0.0000434087		VCV xy 0.000040284
		VCV xz -0.0000245207		VCV yy 0.0000450712
		VCV yz -0.0000232256		VCV zz 0.0000187296
PT DGN	SO	Name 20683		To the Point
GRID D	SO	Delta N 0.243	Delta E 0.207	
		Delta Elv -0.046		
GPSVEC	SO	Point ID 520682	DX 959.897	DY -2703.598
		Class Stake out	DZ -2693.658	Code 20682
		Obs L1 Fixed	H.pr 0.031	V.pr 0.086
GPSQC1	NM	Min SVs 6	PDOP max 3.2	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 3.0	
		Monitor status Not monitored	RMS 11.4	
		Horz SD	Vert SD	
		Start wk 1575 sec 507947.0	End wk 1575 sec 507952.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0054684421	
		VCV xx 0.0000338589	VCV xy 0.0000323995	
		VCV xz -0.0000197611	VCV yy 0.0000371721	
		VCV yz -0.0000189059	VCV zz 0.0000148957	
PT DGN	SO	Name 20682		To the Point
GRID D	SO	Delta N 0.010	Delta E -0.012	
		Delta Elv 0.035		
GPSVEC	SO	Point ID 520681	DX 978.663	DY -2678.984
		Class Stake out	DZ -2654.680	Code 20681
		Obs L1 Fixed	H.pr 0.042	V.pr 0.114
GPSQC1	NM	Min SVs 6	PDOP max 3.2	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 3.0	
		Monitor status Not monitored	RMS 14.2	
		Horz SD	Vert SD	
		Start wk 1575 sec 508005.0	End wk 1575 sec 508010.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0073099299	
		VCV xx 0.0000604692	VCV xy 0.0000573354	
		VCV xz -0.0000358305	VCV yy 0.0000637985	
		VCV yz -0.0000340869	VCV zz 0.0000272366	
PT DGN	SO	Name 20681		To the Point
GRID D	SO	Delta N 0.244	Delta E 0.130	
		Delta Elv -0.070		
GPSVEC	SO	Point ID 520680	DX 997.881	DY -2654.158
		Class Stake out	DZ -2615.377	Code 20680
		Obs L1 Fixed	H.pr 0.021	V.pr 0.058
GPSQC1	NM	Min SVs 6	PDOP max 3.1	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.9	
		Monitor status Not monitored	RMS 11.9	
		Horz SD	Vert SD	
		Start wk 1575 sec 508053.0	End wk 1575 sec 508058.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0037519282	
		VCV xx 0.0000155396	VCV xy 0.0000148782	
		VCV xz -0.0000093271	VCV yy 0.0000167023	
		VCV yz -0.00000897	VCV zz 0.0000071382	
PT DGN	SO	Name 20680		To the Point
GRID D	SO	Delta N -0.011	Delta E -0.046	
		Delta Elv -0.057		
GPSVEC	SO	Point ID 520679	DX 1016.548	DY -2629.410
		Class Stake out	DZ -2576.442	Code 20679
		Obs L1 Fixed	H.pr 0.021	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 4.4	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 4.1	
		Monitor status Not monitored	RMS 8.8	
		Horz SD	Vert SD	
		Start wk 1575 sec 508092.0	End wk 1575 sec 508097.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0034241015	
		VCV xx 0.0000147953	VCV xy 0.0000142583	
		VCV xz -0.0000089715	VCV yy 0.0000160827	
		VCV yz -0.0000086935	VCV zz 0.0000069097	
PT DGN	SO	Name 20679		To the Point
GRID D	SO	Delta N 0.212	Delta E 0.243	
		Delta Elv -0.072		
GPSVEC	SO	Point ID 520678	DX 1035.562	DY -2604.542
		Class Stake out	DZ -2537.270	Code 20678
		Obs L1 Fixed	H.pr 0.016	V.pr 0.043

GPSQC1	NM	Min SVs	6	PDOP max	4.4
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	4.1
		Monitor status	Not monitored	RMS	7.9
		Horz SD		Vert SD	
		Start wk 1575 sec	508132.0	End wk 1575 sec	508137.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0025812369
		VCV xx	0.0000082352	VCV xy	0.0000079921
		VCV xz	-0.0000050648	VCV yy	0.0000090348
		VCV yz	-0.0000049266	VCV zz	0.0000039045
PT DGN	SO	Name	20678	To the Point	
GRID D	SO	Delta N	0.092	Delta E	0.269
		Delta Elv	-0.021		
GPSVEC	SO	Point ID 520677	DX 1054.984	DY	-2579.868
		Class Stake out	DZ -2497.979	Code	20677
		Obs L1 Fixed	H.pr 0.026	V.pr	0.071
GPSQC1	NM	Min SVs	6	PDOP max	4.3
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	4.1
		Monitor status	Not monitored	RMS	11.4
		Horz SD		Vert SD	
		Start wk 1575 sec	508174.0	End wk 1575 sec	508179.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0043728338
		VCV xx	0.0000230365	VCV xy	0.0000225191
		VCV xz	-0.0000143202	VCV yy	0.0000256385
		VCV yz	-0.0000140557	VCV zz	0.0000111246
PT DGN	SO	Name	20677	To the Point	
GRID D	SO	Delta N	-0.125	Delta E	-0.156
		Delta Elv	-0.043		
GPSVEC	SO	Point ID 520697	DX 1134.542	DY	-2483.030
		Class Stake out	DZ -2341.998	Code	20697
		Obs L1 Fixed	H.pr 0.022	V.pr	0.058
GPSQC1	NM	Min SVs	6	PDOP max	3.0
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	2.8
		Monitor status	Not monitored	RMS	17.0
		Horz SD		Vert SD	
		Start wk 1575 sec	508273.0	End wk 1575 sec	508278.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0039170473
		VCV xx	0.0000148482	VCV xy	0.0000147643
		VCV xz	-0.0000094744	VCV yy	0.0000170914
		VCV yz	-0.0000094744	VCV zz	0.0000074759
PT DGN	SO	Name	20697	To the Point	
GRID D	SO	Delta N	-0.110	Delta E	0.158
		Delta Elv	-0.047		
GPSVEC	SO	Point ID 520699	DX 1102.442	DY	-2465.794
		Class Stake out	DZ -2337.332	Code	20699
		Obs L1 Fixed	H.pr 0.048	V.pr	0.128
GPSQC1	NM	Min SVs	6	PDOP max	3.0
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	2.8
		Monitor status	Not monitored	RMS	7.6
		Horz SD		Vert SD	
		Start wk 1575 sec	508327.0	End wk 1575 sec	508332.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0087597361
		VCV xx	0.0000714219	VCV xy	0.0000717955
		VCV xz	-0.0000460209	VCV yy	0.0000839838
		VCV yz	-0.000046541	VCV zz	0.0000366881
PT DGN	SO	Name	20699	To the Point	
GRID D	SO	Delta N	-0.115	Delta E	-0.109
		Delta Elv	0.063		
GPSVEC	SO	Point ID 520700	DX 1075.282	DY	-2485.782
		Class Stake out	DZ -2375.456	Code	20700
		Obs L1 Fixed	H.pr 0.017	V.pr	0.046
GPSQC1	NM	Min SVs	6	PDOP max	2.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	2.7
		Monitor status	Not monitored	RMS	9.0
		Horz SD		Vert SD	
		Start wk 1575 sec	508393.0	End wk 1575 sec	508398.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0031895768
		VCV xx	0.0000090165	VCV xy	0.0000091417
		VCV xz	-0.0000059166	VCV yy	0.0000107898
		VCV yz	-0.0000060697	VCV zz	0.0000048205
PT DGN	SO	Name	20700	To the Point	
GRID D	SO	Delta N	-0.208	Delta E	0.426
		Delta Elv	0.059		

GPSVEC	SO	Point ID 520696	DX 1109.342	DY -2504.088
		Class Stake out	DZ -2380.541	Code 20696
		Obs L1 Fixed	H.pr 0.024	V.pr 0.064
GPSQC1	NM	Min SVs 6	PDOP max 4.1	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 3.8	
		Monitor status Not monitored	RMS 14.9	
		Horz SD	Vert SD	
		Start wk 1575 sec 508430.0	End wk 1575 sec 508435.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0041980143	
		VCV xx 0.0000177327	VCV xy 0.0000181129	
		VCV xz -0.0000117293	VCV yy 0.0000215154	
		VCV yz -0.0000120732	VCV zz 0.0000095402	
PT DGN	SO	Name 20696	To the Point	
GRID D	SO	Delta N 0.000	Delta E 0.038	
		Delta Elv 0.031		
GPSVEC	SO	Point ID 520695	DX 1084.286	DY -2525.147
		Class Stake out	DZ -2418.851	Code 20695
		Obs L1 Fixed	H.pr 0.038	V.pr 0.100
GPSQC1	NM	Min SVs 6	PDOP max 4.0	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 3.8	
		Monitor status Not monitored	RMS 9.1	
		Horz SD	Vert SD	
		Start wk 1575 sec 508466.0	End wk 1575 sec 508471.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0066117872	
		VCV xx 0.0000428525	VCV xy 0.0000439749	
		VCV xz -0.0000286328	VCV yy 0.0000523963	
		VCV yz -0.0000295918	VCV zz 0.0000234191	
PT DGN	SO	Name 20695	To the Point	
GRID D	SO	Delta N -0.113	Delta E -0.212	
		Delta Elv 0.020		
GPSVEC	SO	Point ID 520701	DX 1048.883	DY -2506.217
		Class Stake out	DZ -2413.746	Code 20701
		Obs L1 Fixed	H.pr 0.018	V.pr 0.046
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 2.6	
		Monitor status Not monitored	RMS 9.6	
		Horz SD	Vert SD	
		Start wk 1575 sec 508510.0	End wk 1575 sec 508515.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0033040536	
		VCV xx 0.0000088586	VCV xy 0.0000091509	
		VCV xz -0.0000059849	VCV yy 0.0000109867	
		VCV yz -0.0000062342	VCV zz 0.0000049451	
PT DGN	SO	Name 20701	To the Point	
GRID D	SO	Delta N -0.123	Delta E 0.080	
		Delta Elv 0.086		
GPSVEC	SO	Point ID 520702	DX 1022.663	DY -2526.438
		Class Stake out	DZ -2451.605	Code 20702
		Obs L1 Fixed	H.pr 0.030	V.pr 0.076
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 2.6	
		Monitor status Not monitored	RMS 4.9	
		Horz SD	Vert SD	
		Start wk 1575 sec 508566.0	End wk 1575 sec 508571.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0056156898	
		VCV xx 0.0000244443	VCV xy 0.000025505	
		VCV xz -0.0000166974	VCV yy 0.00003099	
		VCV yz -0.0000175623	VCV zz 0.0000139183	
PT DGN	SO	Name 20702	To the Point	
GRID D	SO	Delta N -0.546	Delta E -0.334	
		Delta Elv 0.076		
GPSVEC	SO	Point ID 520694	DX 1058.934	DY -2546.011
		Class Stake out	DZ -2457.061	Code 20694
		Obs L1 Fixed	H.pr 0.015	V.pr 0.039
GPSQC1	NM	Min SVs 6	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 2.6	
		Monitor status Not monitored	RMS 10.6	
		Horz SD	Vert SD	
		Start wk 1575 sec 508611.0	End wk 1575 sec 508616.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0029374792	
		VCV xx 0.0000064466	VCV xy 0.0000067711	
		VCV xz -0.000004448	VCV yy 0.000008297	
		VCV yz -0.0000047116	VCV zz 0.0000037402	
PT DGN	SO	Name 20694	To the Point	



GRID D	SO	Delta N	-0.336	Delta E	-0.110
		Delta Elv	-0.008		
GPSVEC	SO	Point ID 520693	DX 1033.480	DY	-2567.124
		Class Stake out	DZ -2495.846	Code	20693
		Obs L1 Fixed	H.pr 0.015	V.pr	0.038
GPSQC1	NM	Min SVs	6	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	2.5
		Monitor status	Not monitored	RMS	12.7
		Horz SD		Vert SD	
		Start wk 1575 sec 508653.0		End wk 1575 sec 508658.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0028759073
		VCV xx	0.000005967	VCV xy	0.0000063048
		VCV xz	-0.0000041563	VCV yy	0.0000077916
		VCV yz	-0.0000044313	VCV zz	0.0000035235
PT DGN	SO	Name	20693	To the Point	
GRID D	SO	Delta N	0.064	Delta E	-0.024
		Delta Elv	0.084		
GPSVEC	SO	Point ID 520703	DX 995.617	DY	-2547.045
		Class Stake out	DZ -2490.286	Code	20703
		Obs L1 Fixed	H.pr 0.016	V.pr	0.041
GPSQC1	NM	Min SVs	6	PDOP max	3.8
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	3.5
		Monitor status	Not monitored	RMS	10.9
		Horz SD		Vert SD	
		Start wk 1575 sec 508710.0		End wk 1575 sec 508715.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0028949536
		VCV xx	0.000006718	VCV xy	0.0000071602
		VCV xz	-0.0000047392	VCV yy	0.000008949
		VCV yz	-0.0000051025	VCV zz	0.0000040727
PT DGN	SO	Name	20703	To the Point	
GRID D	SO	Delta N	0.111	Delta E	-0.169
		Delta Elv	-0.015		
GPSVEC	SO	Point ID 520704	DX 968.994	DY	-2567.311
		Class Stake out	DZ -2528.608	Code	20704
		Obs L1 Fixed	H.pr 0.045	V.pr	0.112
GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	2.4
		Monitor status	Not monitored	RMS	49.7
		Horz SD		Vert SD	
		Start wk 1575 sec 508759.0		End wk 1575 sec 508764.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0087281251
		VCV xx	0.0000505683	VCV xy	0.0000541416
		VCV xz	-0.0000361379	VCV yy	0.0000677155
		VCV yz	-0.0000389003	VCV zz	0.0000310859
PT DGN	SO	Name	20704	To the Point	
GRID D	SO	Delta N	0.189	Delta E	-0.241
		Delta Elv	0.078		
GPSVEC	SO	Point ID 520692	DX 1008.077	DY	-2588.179
		Class Stake out	DZ -2534.322	Code	20692
		Obs L1 Fixed	H.pr 0.052	V.pr	0.130
GPSQC1	NM	Min SVs	6	PDOP max	3.7
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	3.4
		Monitor status	Not monitored	RMS	36.6
		Horz SD		Vert SD	
		Start wk 1575 sec 508805.0		End wk 1575 sec 508810.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0095629618
		VCV xx	0.0000696469	VCV xy	0.0000736645
		VCV xz	-0.0000503364	VCV yy	0.0000913473
		VCV yz	-0.0000529678	VCV zz	0.000042404
PT DGN	SO	Name	20692	To the Point	
GRID D	SO	Delta N	0.170	Delta E	0.042
		Delta Elv	0.054		
GPSVEC	TP	Point ID 520691B	DX 982.501	DY	-2609.087
		Class Del stake out	DZ -2572.913	Code	20691
		Obs L1 Fixed	H.pr 0.081	V.pr	0.199
GPSQC1	NM	Min SVs	6	PDOP max	3.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	3.3
		Monitor status	Not monitored	RMS	33.0
		Horz SD		Vert SD	
		Start wk 1575 sec 508866.0		End wk 1575 sec 508871.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.014924855
		VCV xx	0.000159255	VCV xy	0.000172336
		VCV xz	-0.0001148859	VCV yy	0.000219849
		VCV yz	-0.00012399	VCV zz	0.0000983909

PT DGN	TP	Name	20691	To the Point	
GRID D	TP	Delta N	0.336	Delta E	0.327
		Delta Elv	0.141		
NOTE	NM	Deleted 3:04:00 PM 3/19/2010			
GPSVEC	SO	Point ID 520705	DX 941.935	DY	-2587.336
		Class Stake out	DZ -2566.751	Code	20705
		Obs L1 Fixed	H.pr 0.037	V.pr	0.089
GPSQC1	NM	Min SVs 6	PDOP max 3.5		
		Relative DOPs Yes	HDOP max 1.3		
		Total GPS pos 6	VDOP max 3.2		
		Monitor status Not monitored	RMS 33.6		
		Horz SD	Vert SD		
		Start wk 1575 sec 508964.0	End wk 1575 sec 508969.0		
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0069227149		
		VCV xx 0.0000313845	VCV xy 0.0000346268		
		VCV xz -0.0000231387	VCV yy 0.0000449779		
		VCV yz -0.0000255116	VCV zz 0.0000204928		
PT DGN	SO	Name	20705	To the Point	
GRID D	SO	Delta N	0.105	Delta E	0.186
		Delta Elv	0.092		
GPSVEC	SO	Point ID 520706	DX 915.373	DY	-2607.522
		Class Stake out	DZ -2604.763	Code	20706
		Obs L1 Fixed	H.pr 0.063	V.pr	0.147
GPSQC1	NM	Min SVs 6	PDOP max 2.4		
		Relative DOPs Yes	HDOP max 0.9		
		Total GPS pos 6	VDOP max 2.2		
		Monitor status Not monitored	RMS 44.7		
		Horz SD	Vert SD		
		Start wk 1575 sec 509053.0	End wk 1575 sec 509058.0		
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0126939956		
		VCV xx 0.0000816789	VCV xy 0.0000930222		
		VCV xz -0.0000617874	VCV yy 0.000124986		
		VCV yz -0.0000712197	VCV zz 0.0000582111		
PT DGN	SO	Name	20706	To the Point	
GRID D	SO	Delta N	-0.126	Delta E	0.096
		Delta Elv	0.082		
GPSVEC	SO	Point ID 520690	DX 957.788	DY	-2630.055
		Class Stake out	DZ -2610.835	Code	20690
		Obs L1 Fixed	H.pr 0.065	V.pr	0.151
GPSQC1	NM	Min SVs 6	PDOP max 3.3		
		Relative DOPs Yes	HDOP max 1.3		
		Total GPS pos 6	VDOP max 3.1		
		Monitor status Not monitored	RMS 59.5		
		Horz SD	Vert SD		
		Start wk 1575 sec 509122.0	End wk 1575 sec 509127.0		
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0123101827		
		VCV xx 0.0000840823	VCV xy 0.0000971383		
		VCV xz -0.000064744	VCV yy 0.0001325843		
		VCV yz -0.0000757199	VCV zz 0.0000624237		
PT DGN	SO	Name	20690	To the Point	
GRID D	SO	Delta N	-0.227	Delta E	-0.193
		Delta Elv	0.085		
GPSVEC	SO	Point ID 520689	DX 932.140	DY	-2651.024
		Class Stake out	DZ -2649.351	Code	20689
		Obs L1 Fixed	H.pr 0.053	V.pr	0.121
GPSQC1	NM	Min SVs 6	PDOP max 3.3		
		Relative DOPs Yes	HDOP max 1.3		
		Total GPS pos 6	VDOP max 3.0		
		Monitor status Not monitored	RMS 48.4		
		Horz SD	Vert SD		
		Start wk 1575 sec 509167.0	End wk 1575 sec 509172.0		
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0100142583		
		VCV xx 0.0000536789	VCV xy 0.0000619385		
		VCV xz -0.0000420477	VCV yy 0.000085169		
		VCV yz -0.0000492177	VCV zz 0.0000411415		
PT DGN	SO	Name	20689	To the Point	
GRID D	SO	Delta N	-0.072	Delta E	0.131
		Delta Elv	0.058		
GPSVEC	SO	Point ID 520707	DX 888.927	DY	-2627.961
		Class Stake out	DZ -2642.927	Code	20707
		Obs L1 Fixed	H.pr 0.025	V.pr	0.056
GPSQC1	NM	Min SVs 6	PDOP max 3.2		
		Relative DOPs Yes	HDOP max 1.3		
		Total GPS pos 6	VDOP max 2.9		
		Monitor status Not monitored	RMS 11.1		
		Horz SD	Vert SD		
		Start wk 1575 sec 509246.0	End wk 1575 sec 509251.0		

GPSQC2	NM	Ttl satellites 6	Err Scale 0.0047881613
		VCV xx 0.000010771	VCV xy 0.0000086814
		VCV xz -0.0000092349	VCV yy 0.0000112826
		VCV yz -0.0000120729	VCV zz 0.0000173059
PT DGN	SO	Name 20707	To the Point
GRID D	SO	Delta N -0.129	Delta E -0.209
		Delta Elv 0.015	
GPSVEC	SO	Point ID 520708 DX 862.252 DY -2648.138	
		Class Stake out DZ -2681.495 Code 20708	
		Obs L1 Fixed H.pr 0.036 V.pr 0.080	
GPSQC1	NM	Min SVs 6 PDOP max 2.2	
		Relative DOPs Yes HDOP max 0.9	
		Total GPS pos 6 VDOP max 2.0	
		Monitor status Not monitored RMS 9.8	
		Horz SD Vert SD	
		Start wk 1575 sec 509296.0 End wk 1575 sec 509301.0	
GPSQC2	NM	Ttl satellites 6 Err Scale 0.0074041253	
		VCV xx 0.0000230625 VCV xy 0.0000175375	
		VCV xz -0.0000187778 VCV yy 0.0000218707	
		VCV yz -0.0000227002 VCV zz 0.0000335698	
PT DGN	SO	Name 20708	To the Point
GRID D	SO	Delta N 0.114	Delta E -0.195
		Delta Elv 0.016	
GPSVEC	SO	Point ID 520688 DX 906.961 DY -2672.119	
		Class Stake out DZ -2687.836 Code 20688	
		Obs L1 Fixed H.pr 0.026 V.pr 0.057	
GPSQC1	NM	Min SVs 6 PDOP max 3.1	
		Relative DOPs Yes HDOP max 1.3	
		Total GPS pos 6 VDOP max 2.8	
		Monitor status Not monitored RMS 23.8	
		Horz SD Vert SD	
		Start wk 1575 sec 509379.0 End wk 1575 sec 509384.0	
GPSQC2	NM	Ttl satellites 6 Err Scale 0.0049985908	
		VCV xx 0.0000122995 VCV xy 0.0000093162	
		VCV xz -0.0000101936 VCV yy 0.0000111474	
		VCV yz -0.0000116124 VCV zz 0.0000164678	
PT DGN	SO	Name 20688	To the Point
GRID D	SO	Delta N 0.006	Delta E -0.023
		Delta Elv 0.080	
GPSVEC	SO	Point ID 520687 DX 881.639 DY -2693.176	
		Class Stake out DZ -2726.153 Code 20687	
		Obs L1 Fixed H.pr 0.026 V.pr 0.056	
GPSQC1	NM	Min SVs 6 PDOP max 2.2	
		Relative DOPs Yes HDOP max 0.9	
		Total GPS pos 6 VDOP max 2.0	
		Monitor status Not monitored RMS 16.4	
		Horz SD Vert SD	
		Start wk 1575 sec 509428.0 End wk 1575 sec 509433.0	
GPSQC2	NM	Ttl satellites 6 Err Scale 0.0054689441	
		VCV xx 0.0000119539 VCV xy 0.0000091502	
		VCV xz -0.0000098657 VCV yy 0.0000112391	
		VCV yz -0.0000118132 VCV zz 0.0000167376	
PT DGN	SO	Name 20687	To the Point
GRID D	SO	Delta N -0.035	Delta E -0.031
		Delta Elv -0.017	
NOTE	TS	Time Date 03/19/2010 Time 14:32:08	
GPSVEC	SO	Point ID 520709 DX 835.689 DY -2667.642	
		Class Stake out DZ -2719.769 Code 20709	
		Obs L1 Fixed H.pr 0.039 V.pr 0.095	
GPSQC1	NM	Min SVs 5 PDOP max 4.3	
		Relative DOPs Yes HDOP max 1.7	
		Total GPS pos 6 VDOP max 4.0	
		Monitor status Not monitored RMS 6.1	
		Horz SD Vert SD	
		Start wk 1575 sec 509536.0 End wk 1575 sec 509541.0	
GPSQC2	NM	Ttl satellites 5 Err Scale 0.0058985511	
		VCV xx 0.0000122745 VCV xy 0.0000145948	
		VCV xz -0.000017825 VCV yy 0.0000343008	
		VCV yz -0.0000437262 VCV zz 0.0000622054	
PT DGN	SO	Name 20709	To the Point
GRID D	SO	Delta N -0.267	Delta E 0.005
		Delta Elv -0.021	
GPSVEC	SO	Point ID 520710 DX 808.958 DY -2687.911	
		Class Stake out DZ -2758.373 Code 20710	
		Obs L1 Fixed H.pr 0.048 V.pr 0.116	

GPSQC1	NM	Min SVs	5	PDOP max	4.3
		Relative DOPs	Yes	HDOP max	1.7
		Total GPS pos	6	VDOP max	4.0
		Monitor status	Not monitored	RMS	6.5
		Horz SD		Vert SD	
		Start wk 1575 sec 509578.0		End wk 1575 sec 509583.0	
GPSQC2	NM	Ttl satellites	5	Err Scale	0.007288733
		VCV xx	0.0000179419	VCV xy	0.0000210521
		VCV xz	-0.0000258061	VCV yy	0.0000511064
		VCV yz	-0.0000657502	VCV zz	0.0000948378
PT DGN	SO	Name	20710	To the Point	
GRID D	SO	Delta N	0.068	Delta E	0.029
		Delta Elv	-0.046		
GPSVEC	SO	Point ID 520686	DX 856.079	DY	-2714.475
		Class Stake out	DZ -2765.049	Code	20686
		Obs L1 Fixed	H.pr 0.059	V.pr	0.139
GPSQC1	NM	Min SVs	5	PDOP max	4.3
		Relative DOPs	Yes	HDOP max	1.7
		Total GPS pos	6	VDOP max	3.9
		Monitor status	Not monitored	RMS	6.0
		Horz SD		Vert SD	
		Start wk 1575 sec 509634.0		End wk 1575 sec 509639.0	
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0088219019
		VCV xx	0.000025663	VCV xy	0.0000296249
		VCV xz	-0.0000363976	VCV yy	0.0000739447
		VCV yz	-0.0000946022	VCV zz	0.0001360868
PT DGN	SO	Name	20686	To the Point	
GRID D	SO	Delta N	0.580	Delta E	0.071
		Delta Elv	-0.032		
GPSVEC	SO	Point ID 520685	DX 830.615	DY	-2735.151
		Class Stake out	DZ -2803.375	Code	20685
		Obs L1 Fixed	H.pr 0.050	V.pr	0.116
GPSQC1	NM	Min SVs	5	PDOP max	4.2
		Relative DOPs	Yes	HDOP max	1.7
		Total GPS pos	6	VDOP max	3.9
		Monitor status	Not monitored	RMS	6.4
		Horz SD		Vert SD	
		Start wk 1575 sec 509684.0		End wk 1575 sec 509689.0	
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0074283518
		VCV xx	0.0000172423	VCV xy	0.0000194458
		VCV xz	-0.0000239543	VCV yy	0.000049949
		VCV yz	-0.0000654062	VCV zz	0.0000971051
PT DGN	SO	Name	20685	To the Point	
GRID D	SO	Delta N	-0.150	Delta E	0.066
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 520711	DX 782.311	DY	-2707.759
		Class Stake out	DZ -2796.601	Code	20711
		Obs L1 Fixed	H.pr 0.015	V.pr	0.035
GPSQC1	NM	Min SVs	5	PDOP max	4.2
		Relative DOPs	Yes	HDOP max	1.7
		Total GPS pos	6	VDOP max	3.9
		Monitor status	Not monitored	RMS	18.3
		Horz SD		Vert SD	
		Start wk 1575 sec 509729.0		End wk 1575 sec 509734.0	
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0022421989
		VCV xx	0.0000015169	VCV xy	0.0000016734
		VCV xz	-0.0000020636	VCV yy	0.0000044324
		VCV yz	-0.0000058432	VCV zz	0.0000087865
PT DGN	SO	Name	20711	To the Point	
GRID D	SO	Delta N	-0.146	Delta E	0.157
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 520623	DX 1166.823	DY	-2855.025
		Class Stake out	DZ -2761.892	Code	20623
		Obs L1 Fixed	H.pr 0.034	V.pr	0.075
GPSQC1	NM	Min SVs	5	PDOP max	4.1
		Relative DOPs	Yes	HDOP max	1.7
		Total GPS pos	6	VDOP max	3.7
		Monitor status	Not monitored	RMS	9.3
		Horz SD		Vert SD	
		Start wk 1575 sec 509910.0		End wk 1575 sec 509915.0	
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0050281868
		VCV xx	0.0000068387	VCV xy	0.0000068329
		VCV xz	-0.0000083458	VCV yy	0.0000199229
		VCV yz	-0.0000269542	VCV zz	0.0000425752
PT DGN	SO	Name	20623	To the Point	
GRID D	SO	Delta N	-0.162	Delta E	0.015
		Delta Elv	-0.092		

GPSVEC	SO	Point ID 520625	DX 1193.608	DY -2799.851
		Class Stake out	DZ -2682.523	Code 20625
		Obs L1 Fixed	H.pr 0.022	V.pr 0.048
GPSQC1	NM	Min SVs 5	PDOP max 4.0	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 3.6	
		Monitor status Not monitored	RMS 8.2	
		Horz SD	Vert SD	
		Start wk 1575 sec 509992.0	End wk 1575 sec 509997.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0032953839	
		VCV xx 0.0000027953	VCV xy 0.0000026219	
		VCV xz -0.0000031548	VCV yy 0.0000080848	
		VCV yz -0.0000110762	VCV zz 0.0000179751	
PT DGN	SO	Name 20625	To the Point	
GRID D	SO	Delta N 0.414	Delta E -0.342	
		Delta Elv -0.093		
GPSVEC	SO	Point ID 520013	DX 1317.458	DY -2864.461
		Class Stake out	DZ -2685.562	Code 20013
		Obs L1 Fixed	H.pr 0.033	V.pr 0.070
GPSQC1	NM	Min SVs 5	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.5	
		Monitor status Not monitored	RMS 5.1	
		Horz SD	Vert SD	
		Start wk 1575 sec 510081.0	End wk 1575 sec 510086.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0053183609	
		VCV xx 0.0000060346	VCV xy 0.0000052996	
		VCV xz -0.0000062888	VCV yy 0.0000170276	
		VCV yz -0.000023505	VCV zz 0.0000391477	
PT DGN	SO	Name 20013	To the Point	
GRID D	SO	Delta N -0.288	Delta E -0.015	
		Delta Elv 0.033		
GPSVEC	SO	Point ID 520012	DX 1336.010	DY -2844.828
		Class Stake out	DZ -2650.850	Code 20012
		Obs L1 Fixed	H.pr 0.022	V.pr 0.047
GPSQC1	NM	Min SVs 5	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.5	
		Monitor status Not monitored	RMS 7.9	
		Horz SD	Vert SD	
		Start wk 1575 sec 510150.0	End wk 1575 sec 510155.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0035874099	
		VCV xx 0.000002703	VCV xy 0.0000022822	
		VCV xz -0.0000026703	VCV yy 0.0000073886	
		VCV yz -0.0000102716	VCV zz 0.0000174413	
PT DGN	SO	Name 20012	To the Point	
GRID D	SO	Delta N 0.008	Delta E 0.089	
		Delta Elv 0.034		
GPSVEC	SO	Point ID 520627	DX 1219.999	DY -2743.759
		Class Stake out	DZ -2602.318	Code 20627
		Obs L1 Fixed	H.pr 0.033	V.pr 0.041
GPSQC1	NM	Min SVs 6	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 11.0	
		Horz SD	Vert SD	
		Start wk 1575 sec 510858.0	End wk 1575 sec 510863.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0050339829	
		VCV xx 0.0000042112	VCV xy 0.0000016817	
		VCV xz -0.0000005749	VCV yy 0.0000047312	
		VCV yz -0.0000070622	VCV zz 0.0000195349	
PT DGN	SO	Name 20627	To the Point	
GRID D	SO	Delta N -0.073	Delta E 0.053	
		Delta Elv -0.049		
GPSVEC	SO	Point ID 520668	DX 1022.848	DY -2704.853
		Class Stake out	DZ -2659.106	Code 20668
		Obs L1 Fixed	H.pr 0.033	V.pr 0.041
GPSQC1	NM	Min SVs 6	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1575 sec 510989.0	End wk 1575 sec 510994.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0050683599	
		VCV xx 0.0000044415	VCV xy 0.0000016729	
		VCV xz -0.0000001985	VCV yy 0.0000042897	
		VCV yz -0.0000063744	VCV zz 0.0000196308	
PT DGN	SO	Name 20668	To the Point	

GRID D	SO	Delta N	-0.282	Delta E	0.034
		Delta Elv	-0.073		
GPSVEC	SO	Point ID 520674	DX 1136.917	DY -2556.468	
		Class Stake out	DZ -2424.834	Code 20674	
		Obs L1 Fixed	H.pr 0.048	V.pr 0.058	
GPSQC1	NM	Min SVs	7	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	23.0
		Horz SD		Vert SD	
		Start wk 1575 sec 511148.0		End wk 1575 sec 511153.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0080750603
		VCV xx	0.0000066607	VCV xy	0.0000014459
		VCV xz	0.000001391	VCV yy	0.0000072606
		VCV yz	-0.0000127264	VCV zz	0.0000444906
PT DGN	SO	Name	20674	To the Point	
GRID D	SO	Delta N	0.008	Delta E	0.184
		Delta Elv	0.082		
GPSVEC	SO	Point ID 520676	DX 1174.908	DY -2507.465	
		Class Stake out	DZ -2347.207	Code 20676	
		Obs L1 Fixed	H.pr 0.037	V.pr 0.044	
GPSQC1	NM	Min SVs	7	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	27.9
		Horz SD		Vert SD	
		Start wk 1575 sec 511307.0		End wk 1575 sec 511312.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0067189229
		VCV xx	0.0000036266	VCV xy	0.0000008187
		VCV xz	0.0000004577	VCV yy	0.0000046265
		VCV yz	-0.0000073088	VCV zz	0.0000257881
PT DGN	SO	Name	20676	To the Point	
GRID D	SO	Delta N	0.733	Delta E	0.066
		Delta Elv	0.058		
NOTE	TS	Time Date	03/19/2010 Time 15:06:18		
GPSVEC	SO	Point ID 520691	DX 982.763	DY -2609.127	
		Class Stake out	DZ -2572.582	Code 20691	
		Obs L1 Fixed	H.pr 0.036	V.pr 0.044	
GPSQC1	NM	Min SVs	7	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	28.2
		Horz SD		Vert SD	
		Start wk 1575 sec 511584.0		End wk 1575 sec 511589.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0068272334
		VCV xx	0.0000043577	VCV xy	0.0000005866
		VCV xz	0.000002314	VCV yy	0.0000047909
		VCV yz	-0.0000055392	VCV zz	0.0000246616
PT DGN	SO	Name	20691	To the Point	
GRID D	SO	Delta N	0.023	Delta E	0.074
		Delta Elv	0.007		
GPSVEC	SO	Point ID 520611	DX 1341.676	DY -2602.099	
		Class Stake out	DZ -2367.213	Code 20611	
		Obs L1 Fixed	H.pr 0.061	V.pr 0.077	
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	51.9
		Horz SD		Vert SD	
		Start wk 1575 sec 512154.0		End wk 1575 sec 512159.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0122573758
		VCV xx	0.0000171963	VCV xy	0.0000041015
		VCV xz	0.0000098569	VCV yy	0.0000155799
		VCV yz	-0.0000083098	VCV zz	0.000066708
PT DGN	SO	Name	20611	To the Point	
GRID D	SO	Delta N	-0.062	Delta E	0.039
		Delta Elv	-0.075		
GPSVEC	SO	Point ID 521526	DX 1363.533	DY -2543.654	
		Class Stake out	DZ -2287.041	Code 21526	
		Obs L1 Fixed	H.pr 0.051	V.pr 0.065	
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	50.1
		Horz SD		Vert SD	
		Start wk 1575 sec 512234.0		End wk 1575 sec 512239.0	

GPSQC2	NM	Ttl satellites 7		Err Scale 0.0095737418
		VCV xx 0.0000101073		VCV xy 0.0000018612
		VCV xz 0.000004882		VCV yy 0.0000100287
		VCV yz -0.0000080201		VCV zz 0.0000497821
PT DGN	SO	Name 21526		To the Point
GRID D	SO	Delta N 0.120		Delta E -0.157
		Delta Elv -0.022		
GPSVEC	SO	Point ID 521527	DX 1326.656	DY -2521.308
		Class Stake out	DZ -2283.084	Code 21527
		Obs L1 Fixed	H.pr 0.049	V.pr 0.062
GPSQC1	NM	Min SVs 7		PDOP max 2.1
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 1.7
		Monitor status Not monitored		RMS 36.2
		Horz SD		Vert SD
		Start wk 1575 sec 512273.0		End wk 1575 sec 512278.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0092415651
		VCV xx 0.0000088358		VCV xy 0.0000012919
		VCV xz 0.0000050385		VCV yy 0.0000084796
		VCV yz -0.000007263		VCV zz 0.0000474445
PT DGN	SO	Name 21527		To the Point
GRID D	SO	Delta N 0.002		Delta E -0.181
		Delta Elv 0.028		
GPSVEC	SO	Point ID 521528	DX 1299.661	DY -2506.776
		Class Stake out	DZ -2279.412	Code 21528
		Obs L1 Fixed	H.pr 0.039	V.pr 0.050
GPSQC1	NM	Min SVs 7		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.2
		Monitor status Not monitored		RMS 38.5
		Horz SD		Vert SD
		Start wk 1575 sec 512311.0		End wk 1575 sec 512316.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0080532879
		VCV xx 0.0000084537		VCV xy 0.0000020192
		VCV xz 0.0000056483		VCV yy 0.0000063527
		VCV yz -0.0000026143		VCV zz 0.0000271053
PT DGN	SO	Name 21528		To the Point
GRID D	SO	Delta N 0.122		Delta E 0.069
		Delta Elv 0.040		
GPSVEC	SO	Point ID 521529	DX 1255.657	DY -2483.091
		Class Stake out	DZ -2273.260	Code 21529
		Obs L1 Fixed	H.pr 0.039	V.pr 0.050
GPSQC1	NM	Min SVs 7		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.2
		Monitor status Not monitored		RMS 34.3
		Horz SD		Vert SD
		Start wk 1575 sec 512353.0		End wk 1575 sec 512358.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0080145504
		VCV xx 0.0000071517		VCV xy 0.0000010443
		VCV xz 0.0000051148		VCV yy 0.0000058571
		VCV yz -0.0000027204		VCV zz 0.0000282397
PT DGN	SO	Name 21529		To the Point
GRID D	SO	Delta N 0.249		Delta E -0.013
		Delta Elv -0.028		
GPSVEC	SO	Point ID 521530	DX 1213.590	DY -2457.845
		Class Stake out	DZ -2268.195	Code 21530
		Obs L1 Fixed	H.pr 0.031	V.pr 0.040
GPSQC1	NM	Min SVs 7		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.2
		Monitor status Not monitored		RMS 23.5
		Horz SD		Vert SD
		Start wk 1575 sec 512433.0		End wk 1575 sec 512438.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0065123956
		VCV xx 0.0000054726		VCV xy 0.0000014622
		VCV xz 0.0000033466		VCV yy 0.0000045183
		VCV yz -0.0000012265		VCV zz 0.0000169267
PT DGN	SO	Name 21530		To the Point
GRID D	SO	Delta N -0.167		Delta E -0.409
		Delta Elv -0.093		
GPSVEC	SO	Point ID 521531	DX 1185.340	DY -2441.181
		Class Stake out	DZ -2265.297	Code 21531
		Obs L1 Fixed	H.pr 0.029	V.pr 0.037

GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	10.6
		Horz SD		Vert SD	
		Start wk 1575 sec	512474.0	End wk 1575 sec	512479.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0060231234
		VCV xx	0.0000047674	VCV xy	0.0000012111
		VCV xz	0.0000030449	VCV yy	0.0000036534
		VCV yz	-0.0000010511	VCV zz	0.0000144696
PT DGN	SO	Name	21531	To the Point	
GRID D	SO	Delta N	0.020	Delta E	-0.079
		Delta Elv	-0.035		
GPSVEC	SO	Point ID 520698	DX 1129.214	DY	-2445.576
		Class Stake out	DZ -2298.975	Code	20698
		Obs L1 Fixed	H.pr 0.030	V.pr	0.040
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	22.8
		Horz SD		Vert SD	
		Start wk 1575 sec	512538.0	End wk 1575 sec	512543.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0064128484
		VCV xx	0.0000043248	VCV xy	0.0000010363
		VCV xz	0.0000019996	VCV yy	0.0000041706
		VCV yz	-0.0000014473	VCV zz	0.0000172224
PT DGN	SO	Name	20698	To the Point	
GRID D	SO	Delta N	-0.233	Delta E	-0.193
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 521532	DX 1155.772	DY	-2425.327
		Class Stake out	DZ -2260.845	Code	21532
		Obs L1 Fixed	H.pr 0.028	V.pr	0.036
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	22.8
		Horz SD		Vert SD	
		Start wk 1575 sec	512576.0	End wk 1575 sec	512581.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0059055868
		VCV xx	0.0000036595	VCV xy	0.0000008727
		VCV xz	0.0000016752	VCV yy	0.0000035805
		VCV yz	-0.0000011476	VCV zz	0.0000144579
PT DGN	SO	Name	21532	To the Point	
GRID D	SO	Delta N	-0.131	Delta E	-0.071
		Delta Elv	-0.050		
GPSVEC	SO	Point ID 521533	DX 1182.409	DY	-2404.955
		Class Stake out	DZ -2222.753	Code	21533
		Obs L1 Fixed	H.pr 0.025	V.pr	0.033
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	19.3
		Horz SD		Vert SD	
		Start wk 1575 sec	512622.0	End wk 1575 sec	512627.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0052970657
		VCV xx	0.0000030073	VCV xy	0.0000007475
		VCV xz	0.0000013833	VCV yy	0.0000029481
		VCV yz	-0.0000008208	VCV zz	0.0000113949
PT DGN	SO	Name	21533	To the Point	
GRID D	SO	Delta N	-0.082	Delta E	0.031
		Delta Elv	0.074		
GPSVEC	SO	Point ID 521534	DX 1210.488	DY	-2420.146
		Class Stake out	DZ -2227.041	Code	21534
		Obs L1 Fixed	H.pr 0.026	V.pr	0.034
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	12.4
		Horz SD		Vert SD	
		Start wk 1575 sec	512666.0	End wk 1575 sec	512671.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0051637804
		VCV xx	0.0000039644	VCV xy	0.0000012943
		VCV xz	0.0000020445	VCV yy	0.0000039797
		VCV yz	-0.0000001744	VCV zz	0.0000111816
PT DGN	SO	Name	21534	To the Point	
GRID D	SO	Delta N	0.167	Delta E	0.077
		Delta Elv	0.022		



GPSVEC	SO	Point ID 521535	DX 1232.094	DY -2433.010
		Class Stake out	DZ -2229.281	Code 21535
		Obs L1 Fixed	H.pr 0.030	V.pr 0.039
GPSQC1	NM	Min SVs 7	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 22.2	
		Horz SD	Vert SD	
		Start wk 1575 sec 512697.0	End wk 1575 sec 512702.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0059187193	
		VCV xx 0.000005357	VCV xy 0.0000019646	
		VCV xz 0.0000026718	VCV yy 0.0000054864	
		VCV yz -0.0000001288	VCV zz 0.0000141849	
PT DGN	SO	Name 21535	To the Point	
GRID D	SO	Delta N 0.061	Delta E 0.119	
		Delta Elv -0.088		
GPSVEC	SO	Point ID 521536	DX 1274.759	DY -2458.508
		Class Stake out	DZ -2234.332	Code 21536
		Obs L1 Fixed	H.pr 0.059	V.pr 0.077
GPSQC1	NM	Min SVs 7	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.2	
		Monitor status Not monitored	RMS 57.4	
		Horz SD	Vert SD	
		Start wk 1575 sec 512743.0	End wk 1575 sec 512748.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.012616544	
		VCV xx 0.0000085293	VCV xy 0.0000038796	
		VCV xz -0.0000057505	VCV yy 0.0000091241	
		VCV yz -0.0000097453	VCV zz 0.0000792784	
PT DGN	SO	Name 21536	To the Point	
GRID D	SO	Delta N 0.405	Delta E 0.194	
		Delta Elv -0.003		
GPSVEC	SO	Point ID 521537	DX 1318.590	DY -2481.939
		Class Stake out	DZ -2240.204	Code 21537
		Obs L1 Fixed	H.pr 0.048	V.pr 0.063
GPSQC1	NM	Min SVs 7	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 43.2	
		Horz SD	Vert SD	
		Start wk 1575 sec 512784.0	End wk 1575 sec 512789.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.009510871	
		VCV xx 0.0000097232	VCV xy 0.0000041629	
		VCV xz 0.0000006986	VCV yy 0.0000103327	
		VCV yz -0.0000034153	VCV zz 0.000043889	
PT DGN	SO	Name 21537	To the Point	
GRID D	SO	Delta N 0.013	Delta E 0.142	
		Delta Elv 0.036		
GPSVEC	SO	Point ID 521538	DX 1339.907	DY -2493.459
		Class Stake out	DZ -2243.086	Code 21538
		Obs L1 Fixed	H.pr 0.033	V.pr 0.043
GPSQC1	NM	Min SVs 7	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 22.7	
		Horz SD	Vert SD	
		Start wk 1575 sec 512815.0	End wk 1575 sec 512820.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0065883831	
		VCV xx 0.0000050652	VCV xy 0.000001432	
		VCV xz 0.0000019152	VCV yy 0.0000056133	
		VCV yz -0.0000009926	VCV zz 0.0000198948	
PT DGN	SO	Name 21538	To the Point	
GRID D	SO	Delta N -0.067	Delta E -0.118	
		Delta Elv -0.015		
GPSVEC	SO	Point ID 521539	DX 1374.231	DY -2514.248
		Class Stake out	DZ -2246.698	Code 21539
		Obs L1 Fixed	H.pr 0.035	V.pr 0.046
GPSQC1	NM	Min SVs 7	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 27.2	
		Horz SD	Vert SD	
		Start wk 1575 sec 512849.0	End wk 1575 sec 512854.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0069520269	
		VCV xx 0.000006423	VCV xy 0.0000027434	
		VCV xz 0.0000018752	VCV yy 0.0000070382	
		VCV yz -0.0000003207	VCV zz 0.0000204477	
PT DGN	SO	Name 21539	To the Point	

GRID D	SO	Delta N	-0.036	Delta E	0.034
		Delta Elv	-0.092		
GPSVEC	SO	Point ID 521540	DX 1385.240	DY -2484.940	
		Class Stake out	DZ -2206.511	Code 21540	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.028	
GPSQC1	NM	Min SVs	7	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	10.3
		Horz SD		Vert SD	
		Start wk 1575 sec 512896.0		End wk 1575 sec 512901.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.004701294
		VCV xx	0.0000024782	VCV xy	0.0000007341
		VCV xz	0.0000010378	VCV yy	0.0000027292
		VCV yz	-0.0000001175	VCV zz	0.0000080155
PT DGN	SO	Name	21540	To the Point	
GRID D	SO	Delta N	-0.092	Delta E	-0.099
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 521541	DX 1353.315	DY -2465.490	
		Class Stake out	DZ -2202.794	Code 21541	
		Obs L1 Fixed	H.pr 0.046	V.pr 0.060	
GPSQC1	NM	Min SVs	7	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	39.3
		Horz SD		Vert SD	
		Start wk 1575 sec 512959.0		End wk 1575 sec 512964.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0092383036
		VCV xx	0.0000124934	VCV xy	0.0000053304
		VCV xz	0.000004801	VCV yy	0.0000139358
		VCV yz	0.0000009713	VCV zz	0.0000327364
PT DGN	SO	Name	21541	To the Point	
GRID D	SO	Delta N	-0.477	Delta E	-0.144
		Delta Elv	-0.089		
GPSVEC	SO	Point ID 521542	DX 1294.271	DY -2434.045	
		Class Stake out	DZ -2195.288	Code 21542	
		Obs L1 Fixed	H.pr 0.041	V.pr 0.055	
GPSQC1	NM	Min SVs	7	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.1
		Monitor status	Not monitored	RMS	33.2
		Horz SD		Vert SD	
		Start wk 1575 sec 513004.0		End wk 1575 sec 513009.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0090488009
		VCV xx	0.0000108131	VCV xy	0.0000047791
		VCV xz	0.0000044069	VCV yy	0.0000117744
		VCV yz	0.0000012959	VCV zz	0.0000258449
PT DGN	SO	Name	21542	To the Point	
GRID D	SO	Delta N	0.428	Delta E	-0.021
		Delta Elv	-0.025		
GPSVEC	SO	Point ID 521543	DX 1235.998	DY -2399.091	
		Class Stake out	DZ -2188.276	Code 21543	
		Obs L1 Fixed	H.pr 0.032	V.pr 0.040	
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	19.2
		Horz SD		Vert SD	
		Start wk 1575 sec 513067.0		End wk 1575 sec 513072.0	
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0072297603
		VCV xx	0.0000056247	VCV xy	0.0000028137
		VCV xz	0.0000006643	VCV yy	0.0000070825
		VCV yz	0.0000028474	VCV zz	0.0000145864
PT DGN	SO	Name	21543	To the Point	
GRID D	SO	Delta N	-0.200	Delta E	-0.085
		Delta Elv	-0.084		
GPSVEC	SO	Point ID 521544	DX 1209.108	DY -2384.782	
		Class Stake out	DZ -2184.583	Code 21544	
		Obs L1 Fixed	H.pr 0.043	V.pr 0.052	
GPSQC1	NM	Min SVs	7	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	9.2
		Horz SD		Vert SD	
		Start wk 1575 sec 513111.0		End wk 1575 sec 513116.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0082820384
		VCV xx	0.0000132883	VCV xy	0.0000096604
		VCV xz	0.0000021013	VCV yy	0.0000145552
		VCV yz	0.0000040547	VCV zz	0.0000198938

PT DGN	SO	Name	21544	To the Point	
GRID D	SO	Delta N	-0.007	Delta E	-0.006
		Delta Elv	0.028		
GPSVEC	SO	Point ID 521545	DX 1235.770	DY	-2364.395
		Class Stake out	DZ -2146.204	Code	21545
		Obs L1 Fixed	H.pr 0.047	V.pr	0.048
GPSQC1	NM	Min SVs 6	PDOP max	1.8	
		Relative DOPs Yes	HDOP max	1.3	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	23.9	
		Horz SD	Vert SD		
		Start wk 1575 sec 513152.0	End wk 1575	sec 513157.0	
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0070727137	
		VCV xx 0.0000100751	VCV xy	0.0000062442	
		VCV xz -0.000008069	VCV yy	0.00000755	
		VCV yz -0.0000020058	VCV zz	0.0000299085	
PT DGN	SO	Name	21545	To the Point	
GRID D	SO	Delta N	-0.205	Delta E	0.081
		Delta Elv	0.003		
GPSVEC	SO	Point ID 521546	DX 1260.803	DY	-2377.887
		Class Stake out	DZ -2150.013	Code	21546
		Obs L1 Fixed	H.pr 0.050	V.pr	0.050
GPSQC1	NM	Min SVs 6	PDOP max	1.8	
		Relative DOPs Yes	HDOP max	1.3	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	24.9	
		Horz SD	Vert SD		
		Start wk 1575 sec 513202.0	End wk 1575	sec 513207.0	
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0073532653	
		VCV xx 0.0000120232	VCV xy	0.0000079679	
		VCV xz -0.0000083322	VCV yy	0.0000095719	
		VCV yz -0.0000018233	VCV zz	0.0000299298	
PT DGN	SO	Name	21546	To the Point	
GRID D	SO	Delta N	-0.062	Delta E	0.453
		Delta Elv	-0.025		
GPSVEC	SO	Point ID 521547	DX 1313.397	DY	-2408.974
		Class Stake out	DZ -2155.880	Code	21547
		Obs L1 Fixed	H.pr 0.051	V.pr	0.051
GPSQC1	NM	Min SVs 6	PDOP max	1.8	
		Relative DOPs Yes	HDOP max	1.3	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	28.5	
		Horz SD	Vert SD		
		Start wk 1575 sec 513316.0	End wk 1575	sec 513321.0	
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0074454956	
		VCV xx 0.0000116412	VCV xy	0.0000077841	
		VCV xz -0.000008543	VCV yy	0.000009732	
		VCV yz -0.0000015822	VCV zz	0.0000317796	
PT DGN	SO	Name	21547	To the Point	
GRID D	SO	Delta N	-0.069	Delta E	0.373
		Delta Elv	-0.089		
GPSVEC	SO	Point ID 521548	DX 1366.284	DY	-2437.745
		Class Stake out	DZ -2163.176	Code	21548
		Obs L1 Fixed	H.pr 0.027	V.pr	0.027
GPSQC1	NM	Min SVs 6	PDOP max	1.8	
		Relative DOPs Yes	HDOP max	1.3	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	9.0	
		Horz SD	Vert SD		
		Start wk 1575 sec 513377.0	End wk 1575	sec 513382.0	
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0039536958	
		VCV xx 0.0000030693	VCV xy	0.0000019664	
		VCV xz -0.0000023353	VCV yy	0.0000026358	
		VCV yz -0.0000001026	VCV zz	0.0000093301	
PT DGN	SO	Name	21548	To the Point	
GRID D	SO	Delta N	-0.112	Delta E	0.127
		Delta Elv	-0.081		
NOTE	TS	Time Date 03/19/2010 Time 15:44:01			
GPSVEC	SO	Point ID 521549	DX 1395.971	DY	-2455.545
		Class Stake out	DZ -2166.276	Code	21549
		Obs L1 Fixed	H.pr 0.034	V.pr	0.032
GPSQC1	NM	Min SVs 6	PDOP max	1.9	
		Relative DOPs Yes	HDOP max	1.3	
		Total GPS pos 6	VDOP max	1.3	
		Monitor status Not monitored	RMS	9.3	
		Horz SD	Vert SD		
		Start wk 1575 sec 513849.0	End wk 1575	sec 513854.0	

GPSQC2	NM	Ttl satellites 6		Err Scale 0.0048228172
		VCV xx 0.0000042271		VCV xy 0.0000030291
		VCV xz -0.0000028059		VCV yy 0.0000048724
		VCV yz 0.0000008902		VCV zz 0.0000137168
PT DGN	SO	Name 21549		To the Point
GRID D	SO	Delta N -0.163		Delta E 0.056
		Delta Elv -0.039		
GPSVEC	SO	Point ID 521550	DX 1439.449	DY -2481.973
		Class Stake out	DZ -2171.264	Code 21550
		Obs L1 Fixed	H.pr 0.047	V.pr 0.043
GPSQC1	NM	Min SVs 6		PDOP max 2.6
		Relative DOPs Yes		HDOP max 1.9
		Total GPS pos 6		VDOP max 1.8
		Monitor status Not monitored		RMS 14.6
		Horz SD		Vert SD
		Start wk 1575 sec 514195.0		End wk 1575 sec 514200.0
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0059727547
		VCV xx 0.0000084376		VCV xy 0.0000071236
		VCV xz -0.0000051901		VCV yy 0.0000113095
		VCV yz 0.00000052		VCV zz 0.0000214352
PT DGN	SO	Name 21550		To the Point
GRID D	SO	Delta N 0.302		Delta E -0.116
		Delta Elv 0.026		
GPSVEC	SO	Point ID 521554	DX 1450.349	DY -2452.546
		Class Stake out	DZ -2130.734	Code 21554
		Obs L1 Fixed	H.pr 0.028	V.pr 0.026
GPSQC1	NM	Min SVs 6		PDOP max 2.6
		Relative DOPs Yes		HDOP max 1.9
		Total GPS pos 6		VDOP max 1.8
		Monitor status Not monitored		RMS 11.1
		Horz SD		Vert SD
		Start wk 1575 sec 514268.0		End wk 1575 sec 514273.0
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0036102759
		VCV xx 0.0000025815		VCV xy 0.0000021085
		VCV xz -0.0000014147		VCV yy 0.0000040755
		VCV yz 0.0000013771		VCV zz 0.0000084072
PT DGN	SO	Name 21554		To the Point
GRID D	SO	Delta N -0.067		Delta E -0.098
		Delta Elv -0.070		
GPSVEC	SO	Point ID 521555	DX 1407.045	DY -2426.394
		Class Stake out	DZ -2126.199	Code 21555
		Obs L1 Fixed	H.pr 0.025	V.pr 0.037
GPSQC1	NM	Min SVs 7		PDOP max 2.1
		Relative DOPs Yes		HDOP max 1.2
		Total GPS pos 6		VDOP max 1.7
		Monitor status Not monitored		RMS 11.6
		Horz SD		Vert SD
		Start wk 1575 sec 514312.0		End wk 1575 sec 514317.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0053277747
		VCV xx 0.0000062421		VCV xy 0.0000060867
		VCV xz -0.0000007965		VCV yy 0.0000101236
		VCV yz 0.0000002467		VCV zz 0.0000040246
PT DGN	SO	Name 21555		To the Point
GRID D	SO	Delta N -0.064		Delta E -0.204
		Delta Elv -0.011		
GPSVEC	SO	Point ID 521556	DX 1379.833	DY -2409.930
		Class Stake out	DZ -2123.115	Code 21556
		Obs L1 Fixed	H.pr 0.023	V.pr 0.035
GPSQC1	NM	Min SVs 7		PDOP max 2.1
		Relative DOPs Yes		HDOP max 1.2
		Total GPS pos 6		VDOP max 1.7
		Monitor status Not monitored		RMS 16.7
		Horz SD		Vert SD
		Start wk 1575 sec 514367.0		End wk 1575 sec 514372.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0049652038
		VCV xx 0.0000051755		VCV xy 0.0000049856
		VCV xz -0.000000711		VCV yy 0.0000089244
		VCV yz 0.0000001112		VCV zz 0.0000036738
PT DGN	SO	Name 21556		To the Point
GRID D	SO	Delta N -0.288		Delta E -0.094
		Delta Elv -0.084		
GPSVEC	SO	Point ID 521557	DX 1333.232	DY -2384.192
		Class Stake out	DZ -2116.649	Code 21557
		Obs L1 Fixed	H.pr 0.045	V.pr 0.067

GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1575 sec 514409.0		End wk 1575 sec 514414.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0096179741
		VCV xx	0.0000198504	VCV xy	0.0000198961
		VCV xz	-0.0000028998	VCV yy	0.0000335527
		VCV yz	0.0000006589	VCV zz	0.0000134646
PT DGN	SO	Name	21557	To the Point	
GRID D	SO	Delta N	-0.450	Delta E	0.002
		Delta Elv	-0.021		
GPSVEC	SO	Point ID 521558	DX 1286.525	DY	-2357.011
		Class Stake out	DZ -2111.625	Code	21558
		Obs L1 Fixed	H.pr 0.022	V.pr	0.033
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	11.7
		Horz SD		Vert SD	
		Start wk 1575 sec 514469.0		End wk 1575 sec 514474.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.004780482
		VCV xx	0.0000048568	VCV xy	0.000004949
		VCV xz	-0.0000007451	VCV yy	0.0000084356
		VCV yz	0.0000001299	VCV zz	0.000003286
PT DGN	SO	Name	21558	To the Point	
GRID D	SO	Delta N	-0.083	Delta E	0.023
		Delta Elv	0.033		
GPSVEC	SO	Point ID 521559	DX 1264.986	DY	-2345.977
		Class Stake out	DZ -2108.934	Code	21559
		Obs L1 Fixed	H.pr 0.021	V.pr	0.032
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	12.0
		Horz SD		Vert SD	
		Start wk 1575 sec 514524.0		End wk 1575 sec 514529.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0046095219
		VCV xx	0.000004466	VCV xy	0.0000045387
		VCV xz	-0.0000006397	VCV yy	0.0000079358
		VCV yz	0.0000001119	VCV zz	0.0000030593
PT DGN	SO	Name	21559	To the Point	
GRID D	SO	Delta N	-0.118	Delta E	-0.027
		Delta Elv	-0.024		
GPSVEC	SO	Point ID 521560	DX 1289.222	DY	-2324.170
		Class Stake out	DZ -2070.136	Code	21560
		Obs L1 Fixed	H.pr 0.027	V.pr	0.040
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	20.9
		Horz SD		Vert SD	
		Start wk 1575 sec 514570.0		End wk 1575 sec 514575.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0062380717
		VCV xx	0.0000064572	VCV xy	0.0000064765
		VCV xz	-0.0000010264	VCV yy	0.0000115893
		VCV yz	0.0000005761	VCV zz	0.0000062819
PT DGN	SO	Name	21560	To the Point	
GRID D	SO	Delta N	0.215	Delta E	-0.098
		Delta Elv	0.000		
GPSVEC	SO	Point ID 521706	DX 1316.093	DY	-2303.986
		Class Stake out	DZ -2031.934	Code	21706
		Obs L1 Fixed	H.pr 0.020	V.pr	0.031
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	13.4
		Horz SD		Vert SD	
		Start wk 1575 sec 514775.0		End wk 1575 sec 514780.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0047309725
		VCV xx	0.0000032691	VCV xy	0.0000030108
		VCV xz	0.0000004019	VCV yy	0.0000084929
		VCV yz	0.0000005249	VCV zz	0.0000023533
PT DGN	SO	Name	21706	To the Point	
GRID D	SO	Delta N	0.215	Delta E	-0.286
		Delta Elv	0.001		

GPSVEC	SO	Point ID 521705	DX	1337.046	DY	-2314.965
		Class Stake out	DZ	-2034.712	Code	21705
		Obs L1 Fixed	H.pr	0.021	V.pr	0.032
GPSQC1	NM	Min SVs 7		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.2	
		Monitor status Not monitored		RMS	12.9	
		Horz SD		Vert SD		
		Start wk 1575 sec 514827.0		End wk 1575 sec 514832.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0049355957	
		VCV xx 0.0000035806		VCV xy	0.0000032699	
		VCV xz 0.0000004487		VCV yy	0.0000092452	
		VCV yz 0.0000005493		VCV zz	0.0000025625	
PT DGN	SO	Name 21705		To the Point		
GRID D	SO	Delta N -0.158		Delta E	0.122	
		Delta Elv -0.032				
GPSVEC	SO	Point ID 521704	DX	1371.826	DY	-2335.053
		Class Stake out	DZ	-2039.095	Code	21704
		Obs L1 Fixed	H.pr	0.033	V.pr	0.050
GPSQC1	NM	Min SVs 7		PDOP max	2.1	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 6		VDOP max	1.8	
		Monitor status Not monitored		RMS	19.2	
		Horz SD		Vert SD		
		Start wk 1575 sec 514866.0		End wk 1575 sec 514871.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0070404699	
		VCV xx 0.0000072918		VCV xy	0.0000067856	
		VCV xz 0.0000010999		VCV yy	0.0000219021	
		VCV yz 0.0000025742		VCV zz	0.0000073775	
PT DGN	SO	Name 21704		To the Point		
GRID D	SO	Delta N 0.022		Delta E	0.049	
		Delta Elv -0.025				
GPSVEC	SO	Point ID 521703	DX	1406.323	DY	-2354.317
		Class Stake out	DZ	-2043.403	Code	21703
		Obs L1 Fixed	H.pr	0.026	V.pr	0.039
GPSQC1	NM	Min SVs 7		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.2	
		Monitor status Not monitored		RMS	22.0	
		Horz SD		Vert SD		
		Start wk 1575 sec 514903.0		End wk 1575 sec 514908.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.005917978	
		VCV xx 0.0000056287		VCV xy	0.000005312	
		VCV xz 0.0000006715		VCV yy	0.0000134176	
		VCV yz 0.0000004143		VCV zz	0.0000031218	
PT DGN	SO	Name 21703		To the Point		
GRID D	SO	Delta N -0.148		Delta E	0.005	
		Delta Elv -0.070				
GPSVEC	SO	Point ID 521702	DX	1428.512	DY	-2367.659
		Class Stake out	DZ	-2045.751	Code	21702
		Obs L1 Fixed	H.pr	0.028	V.pr	0.043
GPSQC1	NM	Min SVs 7		PDOP max	2.1	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 6		VDOP max	1.8	
		Monitor status Not monitored		RMS	20.9	
		Horz SD		Vert SD		
		Start wk 1575 sec 514940.0		End wk 1575 sec 514945.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0060928646	
		VCV xx 0.0000071087		VCV xy	0.000006771	
		VCV xz 0.0000008603		VCV yy	0.0000164292	
		VCV yz 0.0000008012		VCV zz	0.000003898	
PT DGN	SO	Name 21702		To the Point		
GRID D	SO	Delta N -0.160		Delta E	0.079	
		Delta Elv -0.044				
GPSVEC	SO	Point ID 521701	DX	1472.009	DY	-2394.007
		Class Stake out	DZ	-2050.502	Code	21701
		Obs L1 Fixed	H.pr	0.029	V.pr	0.044
GPSQC1	NM	Min SVs 7		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.2	
		Monitor status Not monitored		RMS	17.7	
		Horz SD		Vert SD		
		Start wk 1575 sec 514988.0		End wk 1575 sec 514993.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0066739097	
		VCV xx 0.0000062607		VCV xy	0.0000059774	
		VCV xz 0.0000006115		VCV yy	0.0000169916	
		VCV yz 0.0000017574		VCV zz	0.0000049865	
PT DGN	SO	Name 21701		To the Point		

GRID D	SO	Delta N	0.066	Delta E	-0.074
		Delta Elv	-0.053		
GPSVEC	SO	Point ID 521565	DX 1461.450	DY -2423.307	
		Class Stake out	DZ -2090.483	Code 21565	
		Obs L1 Fixed	H.pr 0.025	V.pr 0.038	
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	12.7
		Horz SD		Vert SD	
		Start wk 1575 sec 515047.0		End wk 1575 sec 515052.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0053042858
		VCV xx	0.0000047719	VCV xy	0.0000043178
		VCV xz	0.0000004988	VCV yy	0.0000118901
		VCV yz	0.0000015823	VCV zz	0.0000041642
PT DGN	SO	Name	21565	To the Point	
GRID D	SO	Delta N	-0.162	Delta E	-0.343
		Delta Elv	-0.071		
GPSVEC	SO	Point ID 521564	DX 1417.772	DY -2397.125	
		Class Stake out	DZ -2086.054	Code 21564	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.034	
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1575 sec 515087.0		End wk 1575 sec 515092.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0051455591
		VCV xx	0.0000033217	VCV xy	0.0000029752
		VCV xz	0.0000004811	VCV yy	0.0000097324
		VCV yz	0.0000016636	VCV zz	0.0000037497
PT DGN	SO	Name	21564	To the Point	
GRID D	SO	Delta N	0.005	Delta E	-0.099
		Delta Elv	-0.055		
GPSVEC	SO	Point ID 521563	DX 1393.174	DY -2382.299	
		Class Stake out	DZ -2083.461	Code 21563	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.033	
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	20.1
		Horz SD		Vert SD	
		Start wk 1575 sec 515118.0		End wk 1575 sec 515123.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0046902993
		VCV xx	0.0000032419	VCV xy	0.0000028205
		VCV xz	0.0000005107	VCV yy	0.0000094747
		VCV yz	0.0000013367	VCV zz	0.0000035744
PT DGN	SO	Name	21563	To the Point	
GRID D	SO	Delta N	0.014	Delta E	-0.207
		Delta Elv	-0.054		
GPSVEC	SO	Point ID 521562	DX 1352.679	DY -2359.704	
		Class Stake out	DZ -2077.992	Code 21562	
		Obs L1 Fixed	H.pr 0.023	V.pr 0.034	
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	11.9
		Horz SD		Vert SD	
		Start wk 1575 sec 515159.0		End wk 1575 sec 515164.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.004858085
		VCV xx	0.0000048345	VCV xy	0.0000041166
		VCV xz	0.0000006844	VCV yy	0.0000096852
		VCV yz	0.0000006086	VCV zz	0.0000029584
PT DGN	SO	Name	21562	To the Point	
GRID D	SO	Delta N	-0.111	Delta E	-0.145
		Delta Elv	0.040		
GPSVEC	SO	Point ID 521561	DX 1311.886	DY -2335.993	
		Class Stake out	DZ -2073.069	Code 21561	
		Obs L1 Fixed	H.pr 0.022	V.pr 0.034	
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	9.9
		Horz SD		Vert SD	
		Start wk 1575 sec 515198.0		End wk 1575 sec 515203.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0047782762
		VCV xx	0.0000038969	VCV xy	0.0000033377
		VCV xz	0.0000005611	VCV yy	0.0000098314
		VCV yz	0.0000008726	VCV zz	0.0000031783

PT DGN	SO	Name	21561	To the Point	
GRID D	SO	Delta N	-0.224	Delta E	-0.021
		Delta Elv	-0.027		
GPSVEC	SO	Point ID 521707	DX 1342.648	DY	-2283.473
		Class Stake out	DZ -1993.448	Code	21707
		Obs L1 Fixed	H.pr 0.021	V.pr	0.032
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	9.4
		Horz SD		Vert SD	
		Start wk 1575 sec 515296.0		End wk 1575 sec 515301.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0049444479
		VCV xx	0.0000035492	VCV xy	0.0000029767
		VCV xz	0.0000005225	VCV yy	0.0000089064
		VCV yz	0.0000008805	VCV zz	0.0000030466
PT DGN	SO	Name	21707	To the Point	
GRID D	SO	Delta N	-0.110	Delta E	-0.048
		Delta Elv	-0.032		
GPSVEC	SO	Point ID 521708	DX 1362.348	DY	-2294.238
		Class Stake out	DZ -1996.623	Code	21708
		Obs L1 Fixed	H.pr 0.030	V.pr	0.046
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	23.2
		Horz SD		Vert SD	
		Start wk 1575 sec 515330.0		End wk 1575 sec 515335.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0064720511
		VCV xx	0.0000068406	VCV xy	0.0000055578
		VCV xz	0.0000006548	VCV yy	0.00001704
		VCV yz	0.0000025945	VCV zz	0.0000070895
PT DGN	SO	Name	21708	To the Point	
GRID D	SO	Delta N	0.248	Delta E	0.006
		Delta Elv	-0.051		
GPSVEC	SO	Point ID 521709	DX 1390.920	DY	-2310.176
		Class Stake out	DZ -2000.022	Code	21709
		Obs L1 Fixed	H.pr 0.027	V.pr	0.041
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	17.3
		Horz SD		Vert SD	
		Start wk 1575 sec 515365.0		End wk 1575 sec 515370.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0061975257
		VCV xx	0.0000058308	VCV xy	0.0000047975
		VCV xz	0.000000648	VCV yy	0.000013329
		VCV yz	0.000001751	VCV zz	0.0000051653
PT DGN	SO	Name	21709	To the Point	
GRID D	SO	Delta N	-0.061	Delta E	0.145
		Delta Elv	-0.046		
GPSVEC	SO	Point ID 521710	DX 1419.597	DY	-2326.647
		Class Stake out	DZ -2003.684	Code	21710
		Obs L1 Fixed	H.pr 0.020	V.pr	0.030
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	11.8
		Horz SD		Vert SD	
		Start wk 1575 sec 515402.0		End wk 1575 sec 515407.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0046503227
		VCV xx	0.0000031573	VCV xy	0.0000025905
		VCV xz	0.000000463	VCV yy	0.0000077672
		VCV yz	0.0000007979	VCV zz	0.0000027595
PT DGN	SO	Name	21710	To the Point	
GRID D	SO	Delta N	0.098	Delta E	-0.031
		Delta Elv	-0.073		
GPSVEC	SO	Point ID 521711	DX 1439.429	DY	-2338.502
		Class Stake out	DZ -2005.646	Code	21711
		Obs L1 Fixed	H.pr 0.020	V.pr	0.030
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	9.1
		Horz SD		Vert SD	
		Start wk 1575 sec 515433.0		End wk 1575 sec 515438.0	



GPSQC2	NM	Ttl satellites 7		Err Scale 0.0041901977
		VCV xx 0.0000032806		VCV xy 0.0000027495
		VCV xz 0.000000377		VCV yy 0.0000072633
		VCV yz 0.0000006304		VCV zz 0.000002407
PT DGN	SO	Name 21711		To the Point
GRID D	SO	Delta N -0.047	Delta E -0.036	
		Delta Elv -0.080		
GPSVEC	SO	Point ID 521712	DX 1482.728	DY -2364.273
		Class Stake out	DZ -2009.832	Code 21712
		Obs L1 Fixed	H.pr 0.019	V.pr 0.029
GPSQC1	NM	Min SVs 7	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 6	VDOP max 1.2	
		Monitor status Not monitored	RMS 8.4	
		Horz SD	Vert SD	
		Start wk 1575 sec 515490.0	End wk 1575 sec 515495.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0043985578	
		VCV xx 0.0000027933	VCV xy 0.0000022192	
		VCV xz 0.0000004483	VCV yy 0.0000068974	
		VCV yz 0.0000006906	VCV zz 0.0000025201	
PT DGN	SO	Name 21712		To the Point
GRID D	SO	Delta N -0.534	Delta E 0.239	
		Delta Elv -0.068		
GPSVEC	SO	Point ID 521827	DX 1493.490	DY -2335.244
		Class Stake out	DZ -1970.017	Code 21827
		Obs L1 Fixed	H.pr 0.019	V.pr 0.029
GPSQC1	NM	Min SVs 7	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 5	VDOP max 1.8	
		Monitor status Not monitored	RMS 12.4	
		Horz SD	Vert SD	
		Start wk 1575 sec 515545.0	End wk 1575 sec 515550.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0041163052	
		VCV xx 0.0000028724	VCV xy 0.0000022564	
		VCV xz 0.0000004632	VCV yy 0.0000069882	
		VCV yz 0.0000007013	VCV zz 0.0000025903	
PT DGN	SO	Name 21827		To the Point
GRID D	SO	Delta N -0.078	Delta E 0.208	
		Delta Elv -0.079		
GPSVEC	SO	Point ID 521828	DX 1449.788	DY -2308.829
		Class Stake out	DZ -1965.304	Code 21828
		Obs L1 Fixed	H.pr 0.021	V.pr 0.031
GPSQC1	NM	Min SVs 7	PDOP max 1.5	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 6	VDOP max 1.2	
		Monitor status Not monitored	RMS 14.6	
		Horz SD	Vert SD	
		Start wk 1575 sec 515608.0	End wk 1575 sec 515613.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0047588209	
		VCV xx 0.0000032322	VCV xy 0.0000024782	
		VCV xz 0.0000005446	VCV yy 0.0000079185	
		VCV yz 0.0000008489	VCV zz 0.0000030756	
PT DGN	SO	Name 21828		To the Point
GRID D	SO	Delta N -0.258	Delta E 0.575	
		Delta Elv -0.072		
NOTE	TS	Time Date 03/19/2010 Time 16:15:07		
GPSVEC	SO	Point ID 521829	DX 1432.492	DY -2298.574
		Class Stake out	DZ -1963.665	Code 21829
		Obs L1 Fixed	H.pr 0.019	V.pr 0.029
GPSQC1	NM	Min SVs 7	PDOP max 2.1	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 10.2	
		Horz SD	Vert SD	
		Start wk 1575 sec 515715.0	End wk 1575 sec 515720.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0041160458	
		VCV xx 0.0000027802	VCV xy 0.0000020703	
		VCV xz 0.0000004628	VCV yy 0.0000067782	
		VCV yz 0.0000007889	VCV zz 0.0000027907	
PT DGN	SO	Name 21829		To the Point
GRID D	SO	Delta N -0.016	Delta E 0.450	
		Delta Elv -0.087		
GPSVEC	SO	Point ID 521830	DX 1409.999	DY -2285.306
		Class Stake out	DZ -1961.084	Code 21830
		Obs L1 Fixed	H.pr 0.020	V.pr 0.029

GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1575 sec 515754.0		End wk 1575 sec 515759.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0042075915
		VCV xx	0.000002918	VCV xy	0.0000021593
		VCV xz	0.0000004768	VCV yy	0.0000069807
		VCV yz	0.0000008736	VCV zz	0.0000029769
PT DGN	SO	Name	21830	To the Point	
GRID D	SO	Delta N	-0.012	Delta E	0.130
		Delta Elv	0.002		
GPSVEC	SO	Point ID 521831	DX 1387.738	DY	-2273.107
		Class Stake out	DZ -1958.022	Code	21831
		Obs L1 Fixed	H.pr 0.026	V.pr	0.039
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.9
		Horz SD		Vert SD	
		Start wk 1575 sec 515799.0		End wk 1575 sec 515804.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0056104339
		VCV xx	0.0000054305	VCV xy	0.0000040687
		VCV xz	0.0000007361	VCV yy	0.0000122831
		VCV yz	0.0000014407	VCV zz	0.0000051156
PT DGN	SO	Name	21831	To the Point	
GRID D	SO	Delta N	0.003	Delta E	-0.016
		Delta Elv	-0.045		
GPSVEC	SO	Point ID 521832	DX 1369.291	DY	-2263.310
		Class Stake out	DZ -1955.314	Code	21832
		Obs L1 Fixed	H.pr 0.030	V.pr	0.046
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	29.7
		Horz SD		Vert SD	
		Start wk 1575 sec 515843.0		End wk 1575 sec 515848.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0065429397
		VCV xx	0.0000077612	VCV xy	0.0000057459
		VCV xz	0.0000008135	VCV yy	0.0000162214
		VCV yz	0.0000017181	VCV zz	0.0000069764
PT DGN	SO	Name	21832	To the Point	
GRID D	SO	Delta N	0.014	Delta E	-0.040
		Delta Elv	-0.084		
GPSVEC	SO	Point ID 521833	DX 1389.727	DY	-2248.099
		Class Stake out	DZ -1926.457	Code	21833
		Obs L1 Fixed	H.pr 0.022	V.pr	0.033
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	15.7
		Horz SD		Vert SD	
		Start wk 1575 sec 515900.0		End wk 1575 sec 515905.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0051910882
		VCV xx	0.0000038655	VCV xy	0.0000027584
		VCV xz	0.0000006169	VCV yy	0.000008812
		VCV yz	0.0000010986	VCV zz	0.0000039599
PT DGN	SO	Name	21833	To the Point	
GRID D	SO	Delta N	0.095	Delta E	-0.292
		Delta Elv	-0.045		
GPSVEC	SO	Point ID 521834	DX 1421.413	DY	-2271.724
		Class Stake out	DZ -1939.243	Code	21834
		Obs L1 Fixed	H.pr 0.021	V.pr	0.036
GPSQC1	NM	Min SVs	6	PDOP max	3.6
		Relative DOPs	Yes	HDOP max	1.8
		Total GPS pos	6	VDOP max	3.1
		Monitor status	Not monitored	RMS	7.4
		Horz SD		Vert SD	
		Start wk 1575 sec 515963.0		End wk 1575 sec 515968.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0029184436
		VCV xx	0.0000069511	VCV xy	0.0000059266
		VCV xz	-0.0000001785	VCV yy	0.0000088791
		VCV yz	0.0000001101	VCV zz	0.0000022433
PT DGN	SO	Name	21834	To the Point	
GRID D	SO	Delta N	-0.034	Delta E	-0.209
		Delta Elv	0.003		

GPSVEC	SO	Point ID 521835	DX 1457.964	DY -2288.812
		Class Stake out	DZ -1937.420	Code 21835
		Obs L1 Fixed	H.pr 0.022	V.pr 0.039
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.1	
		Horz SD	Vert SD	
		Start wk 1575 sec 516012.0	End wk 1575 sec 516017.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0033610247	
		VCV xx 0.0000078215	VCV xy 0.0000065968	
		VCV xz -0.0000002182	VCV yy 0.0000099292	
		VCV yz 0.0000001238	VCV zz 0.0000026163	
PT DGN	SO	Name 21835	To the Point	
GRID D	SO	Delta N 0.075	Delta E -0.158	
		Delta Elv -0.093		
GPSVEC	SO	Point ID 521836	DX 1502.770	DY -2311.009
		Class Stake out	DZ -1936.657	Code 21836
		Obs L1 Fixed	H.pr 0.020	V.pr 0.036
GPSQC1	NM	Min SVs 6	PDOP max 3.5	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 3.1	
		Monitor status Not monitored	RMS 7.5	
		Horz SD	Vert SD	
		Start wk 1575 sec 516056.0	End wk 1575 sec 516061.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0028649829	
		VCV xx 0.0000065318	VCV xy 0.0000054719	
		VCV xz -0.0000002005	VCV yy 0.0000083362	
		VCV yz 0.0000000873	VCV zz 0.0000022477	
PT DGN	SO	Name 21836	To the Point	
GRID D	SO	Delta N 0.033	Delta E -0.079	
		Delta Elv -0.054		
GPSVEC	SO	Point ID 521872	DX 1513.411	DY -2282.101
		Class Stake out	DZ -1896.994	Code 21872
		Obs L1 Fixed	H.pr 0.026	V.pr 0.047
GPSQC1	NM	Min SVs 6	PDOP max 3.5	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 3.1	
		Monitor status Not monitored	RMS 13.7	
		Horz SD	Vert SD	
		Start wk 1575 sec 516146.0	End wk 1575 sec 516151.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0038237011	
		VCV xx 0.000011333	VCV xy 0.0000092834	
		VCV xz -0.0000004541	VCV yy 0.0000143551	
		VCV yz 0.0000001253	VCV zz 0.0000042114	
PT DGN	SO	Name 21872	To the Point	
GRID D	SO	Delta N -0.013	Delta E -0.011	
		Delta Elv -0.094		
GPSVEC	SO	Point ID 521873	DX 1466.728	DY -2258.646
		Class Stake out	DZ -1897.736	Code 21873
		Obs L1 Fixed	H.pr 0.024	V.pr 0.043
GPSQC1	NM	Min SVs 6	PDOP max 3.5	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 3.0	
		Monitor status Not monitored	RMS 12.7	
		Horz SD	Vert SD	
		Start wk 1575 sec 516191.0	End wk 1575 sec 516196.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0035439688	
		VCV xx 0.0000096059	VCV xy 0.0000078077	
		VCV xz -0.0000003829	VCV yy 0.0000121645	
		VCV yz 0.000000095	VCV zz 0.000003643	
PT DGN	SO	Name 21873	To the Point	
GRID D	SO	Delta N -0.082	Delta E 0.254	
		Delta Elv -0.081		
GPSVEC	SO	Point ID 521874	DX 1432.165	DY -2257.817
		Class Stake out	DZ -1917.409	Code 21874
		Obs L1 Fixed	H.pr 0.029	V.pr 0.053
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 16.1	
		Horz SD	Vert SD	
		Start wk 1575 sec 516236.0	End wk 1575 sec 516241.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0046777958	
		VCV xx 0.0000141758	VCV xy 0.0000114184	
		VCV xz -0.0000005907	VCV yy 0.0000178515	
		VCV yz 0.0000001396	VCV zz 0.000005506	
PT DGN	SO	Name 21874	To the Point	

GRID D	SO	Delta N	-0.005	Delta E	-0.094
		Delta Elv	0.020		
GPSVEC	SO	Point ID 521876	DX 1443.106	DY -2244.052	
		Class Stake out	DZ -1895.472	Code 21876	
		Obs L1 Fixed	H.pr 0.025	V.pr 0.045	
GPSQC1	NM	Min SVs	6	PDOP max	3.5
		Relative DOPs	Yes	HDOP max	1.7
		Total GPS pos	4	VDOP max	3.0
		Monitor status	Not monitored	RMS	11.9
		Horz SD		Vert SD	
		Start wk 1575 sec 516268.0		End wk 1575 sec 516274.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0040106163
		VCV xx	0.0000102875	VCV xy	0.0000082028
		VCV xz	-0.0000004857	VCV yy	0.0000129323
		VCV yz	0.0000000848	VCV zz	0.0000041357
PT DGN	SO	Name	21876	To the Point	
GRID D	SO	Delta N	0.269	Delta E	0.091
		Delta Elv	-0.064		
GPSVEC	SO	Point ID 521875	DX 1410.526	DY -2232.753	
		Class Stake out	DZ -1897.213	Code 21875	
		Obs L1 Fixed	H.pr 0.024	V.pr 0.044	
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	6.4
		Horz SD		Vert SD	
		Start wk 1575 sec 516353.0		End wk 1575 sec 516358.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.003939217
		VCV xx	0.0000104026	VCV xy	0.0000082328
		VCV xz	-0.0000001589	VCV yy	0.0000117601
		VCV yz	0.0000001675	VCV zz	0.0000036277
PT DGN	SO	Name	21875	To the Point	
GRID D	SO	Delta N	-0.010	Delta E	0.004
		Delta Elv	-0.095		
GPSVEC	SO	Point ID 521879	DX 1473.892	DY -2236.672	
		Class Stake out	DZ -1868.497	Code 21879	
		Obs L1 Fixed	H.pr 0.018	V.pr 0.033	
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	5.2
		Horz SD		Vert SD	
		Start wk 1575 sec 516407.0		End wk 1575 sec 516412.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0030254119
		VCV xx	0.0000056152	VCV xy	0.0000043442
		VCV xz	-0.0000003326	VCV yy	0.0000069257
		VCV yz	0.0000000369	VCV zz	0.0000024353
PT DGN	SO	Name	21879	To the Point	
GRID D	SO	Delta N	0.078	Delta E	-0.218
		Delta Elv	-0.006		
GPSVEC	SO	Point ID 521878	DX 1454.716	DY -2229.213	
		Class Stake out	DZ -1872.053	Code 21878	
		Obs L1 Fixed	H.pr 0.016	V.pr 0.030	
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	6.0
		Horz SD		Vert SD	
		Start wk 1575 sec 516439.0		End wk 1575 sec 516444.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0027186261
		VCV xx	0.0000045061	VCV xy	0.0000034254
		VCV xz	-0.0000002796	VCV yy	0.0000054404
		VCV yz	0.0000000235	VCV zz	0.000002031
PT DGN	SO	Name	21878	To the Point	
GRID D	SO	Delta N	-0.075	Delta E	0.128
		Delta Elv	-0.004		
GPSVEC	SO	Point ID 521877	DX 1438.915	DY -2212.296	
		Class Stake out	DZ -1858.370	Code 21877	
		Obs L1 Fixed	H.pr 0.026	V.pr 0.048	
GPSQC1	NM	Min SVs	6	PDOP max	3.3
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.9
		Monitor status	Not monitored	RMS	5.7
		Horz SD		Vert SD	
		Start wk 1575 sec 516504.0		End wk 1575 sec 516509.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0040758727
		VCV xx	0.0000115482	VCV xy	0.0000086359
		VCV xz	-0.0000006885	VCV yy	0.0000138386
		VCV yz	0.0000000412	VCV zz	0.0000053916

PT DGN	SO	Name	21877	To the Point
GRID D	SO	Delta N	0.032	Delta E -0.123
		Delta Elv	-0.064	
GPSVEC	SO	Point ID 521881	DX 1505.196	DY -2228.947
		Class Stake out	DZ -1840.603	Code 21881
		Obs L1 Fixed	H.pr 0.029	V.pr 0.053
GPSQC1	NM	Min SVs 6	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 5.9	
		Horz SD	Vert SD	
		Start wk 1575 sec 516613.0	End wk 1575 sec 516618.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0049268268	
		VCV xx 0.0000138626	VCV xy 0.0000100874	
		VCV xz -0.0000010058	VCV yy 0.0000164463	
		VCV yz -0.0000000176	VCV zz 0.0000068989	
PT DGN	SO	Name	21881	To the Point
GRID D	SO	Delta N	-0.129	Delta E -0.087
		Delta Elv	-0.059	
GPSVEC	SO	Point ID 521880	DX 1527.253	DY -2263.750
		Class Stake out	DZ -1867.814	Code 21880
		Obs L1 Fixed	H.pr 0.020	V.pr 0.036
GPSQC1	NM	Min SVs 6	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 6.3	
		Horz SD	Vert SD	
		Start wk 1575 sec 516668.0	End wk 1575 sec 516673.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0034140835	
		VCV xx 0.0000065105	VCV xy 0.0000046824	
		VCV xz -0.0000005024	VCV yy 0.0000077069	
		VCV yz -0.0000000223	VCV zz 0.000003319	
PT DGN	SO	Name	21880	To the Point
GRID D	SO	Delta N	-0.259	Delta E 0.008
		Delta Elv	-0.004	
GPSVEC	SO	Point ID 521871	DX 1549.396	DY -2298.816
		Class Stake out	DZ -1895.122	Code 21871
		Obs L1 Fixed	H.pr 0.026	V.pr 0.048
GPSQC1	NM	Min SVs 6	PDOP max 3.2	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.8	
		Monitor status Not monitored	RMS 5.7	
		Horz SD	Vert SD	
		Start wk 1575 sec 516725.0	End wk 1575 sec 516730.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0042293128	
		VCV xx 0.0000113967	VCV xy 0.0000080636	
		VCV xz -0.0000008673	VCV yy 0.0000133815	
		VCV yz -0.0000000713	VCV zz 0.0000059971	
PT DGN	SO	Name	21871	To the Point
GRID D	SO	Delta N	-0.201	Delta E -0.088
		Delta Elv	-0.055	
GPSVEC	SO	Point ID 521870	DX 1571.758	DY -2314.974
		Class Stake out	DZ -1900.524	Code 21870
		Obs L1 Fixed	H.pr 0.035	V.pr 0.065
GPSQC1	NM	Min SVs 6	PDOP max 3.2	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.8	
		Monitor status Not monitored	RMS 8.3	
		Horz SD	Vert SD	
		Start wk 1575 sec 516784.0	End wk 1575 sec 516789.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.00577879	
		VCV xx 0.0000207525	VCV xy 0.0000143908	
		VCV xz -0.0000017839	VCV yy 0.000024105	
		VCV yz -0.0000002078	VCV zz 0.0000114084	
PT DGN	SO	Name	21870	To the Point
GRID D	SO	Delta N	-0.032	Delta E -0.206
		Delta Elv	-0.069	
SURVEY EVENTKISurvey event Survey ended				
NOTE	TS	Time Date 04/02/2010 Time 09:20:13		
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	1577
		Init type On the fly	seconds	490848.0
		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	1577
		Init type On the fly	seconds	490904.0
		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	1577
		Init type On the fly	seconds	490904.0
		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	Measuremt Uncorrected	
GPSVEC	SO	Point ID 520079CHK	DX 1905.166	DY -3168.272
		Class Stake out	DZ -2762.535	Code 520079
		Obs L1 Fixed	H.pr 0.020	V.pr 0.028
GPSQC1	NM	Min SVs 10	PDOP max	1.2
		Relative DOPs Yes	HDOP max	0.7
		Total GPS pos 6	VDOP max	1.0
		Monitor status Not monitored	RMS	13.0
		Horz SD	Vert SD	
		Start wk 1577 sec 491141.0	End wk 1577	sec 491146.0
GPSQC2	NM	Ttl satellites 10	Err Scale	0.005393663
		VCV xx 0.0000043697	VCV xy	0.0000018849
		VCV xz -0.0000000267	VCV yy	0.0000047486
		VCV yz -0.0000007114	VCV zz	0.0000031968
PT DGN	SO	Name 520079	To the Point	
GRID D	SO	Delta N -0.043	Delta E	-0.060
		Delta Elv -0.063		
GPSVEC	SO	Point ID 520070	DX 1935.261	DY -3165.447
		Class Stake out	DZ -2742.838	Code 20070
		Obs L1 Fixed	H.pr 0.020	V.pr 0.029
GPSQC1	NM	Min SVs 9	PDOP max	1.3
		Relative DOPs Yes	HDOP max	0.8
		Total GPS pos 6	VDOP max	1.1
		Monitor status Not monitored	RMS	10.6
		Horz SD	Vert SD	
		Start wk 1577 sec 491190.0	End wk 1577	sec 491195.0
GPSQC2	NM	Ttl satellites 9	Err Scale	0.0051518125
		VCV xx 0.0000043626	VCV xy	0.0000015398
		VCV xz 0.0000002953	VCV yy	0.0000049421
		VCV yz -0.0000011756	VCV zz	0.0000035847
PT DGN	SO	Name 20070	To the Point	
GRID D	SO	Delta N -0.058	Delta E	0.146
		Delta Elv 0.054		
GPSVEC	SO	Point ID 520071	DX 1928.282	DY -3177.717
		Class Stake out	DZ -2760.940	Code 20071
		Obs L1 Fixed	H.pr 0.021	V.pr 0.030
GPSQC1	NM	Min SVs 10	PDOP max	1.2
		Relative DOPs Yes	HDOP max	0.7
		Total GPS pos 6	VDOP max	1.0
		Monitor status Not monitored	RMS	12.5
		Horz SD	Vert SD	
		Start wk 1577 sec 491264.0	End wk 1577	sec 491269.0
GPSQC2	NM	Ttl satellites 10	Err Scale	0.0057432633
		VCV xx 0.0000050085	VCV xy	0.0000023113
		VCV xz -0.0000001244	VCV yy	0.0000053498
		VCV yz -0.0000006814	VCV zz	0.0000034197

PT DGN	SO	Name	20071	To the Point
GRID D	SO	Delta N	-0.040	Delta E -0.294
		Delta Elv	0.010	
GPSVEC	SO	Point ID 520072	DX 1923.191	DY -3186.745
		Class Stake out	DZ -2776.096	Code 20072
		Obs L1 Fixed	H.pr 0.022	V.pr 0.032
GPSQC1	NM	Min SVs 11	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.6	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 14.9	
		Horz SD	Vert SD	
		Start wk 1577 sec 491324.0	End wk 1577 sec 491329.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.006499554	
		VCV xx 0.0000062894	VCV xy 0.0000030668	
		VCV xz -0.0000004953	VCV yy 0.0000067695	
		VCV yz -0.0000006495	VCV zz 0.0000025679	
PT DGN	SO	Name	20072	To the Point
GRID D	SO	Delta N	-0.194	Delta E 0.034
		Delta Elv	0.020	
GPSVEC	SO	Point ID 520073	DX 1904.161	DY -3185.311
		Class Stake out	DZ -2785.927	Code 20073
		Obs L1 Fixed	H.pr 0.027	V.pr 0.038
GPSQC1	NM	Min SVs 10	PDOP max 1.2	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 1.0	
		Monitor status Not monitored	RMS 19.6	
		Horz SD	Vert SD	
		Start wk 1577 sec 491410.0	End wk 1577 sec 491415.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0075128484	
		VCV xx 0.0000084128	VCV xy 0.0000036594	
		VCV xz -0.0000002424	VCV yy 0.0000098984	
		VCV yz -0.0000016589	VCV zz 0.0000041513	
PT DGN	SO	Name	20073	To the Point
GRID D	SO	Delta N	-0.126	Delta E 0.180
		Delta Elv	0.042	
GPSVEC	SO	Point ID 520074	DX 1874.507	DY -3174.988
		Class Stake out	DZ -2790.499	Code 20074
		Obs L1 Fixed	H.pr 0.029	V.pr 0.041
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 24.3	
		Horz SD	Vert SD	
		Start wk 1577 sec 491472.0	End wk 1577 sec 491477.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0077961059	
		VCV xx 0.0000106981	VCV xy 0.0000060374	
		VCV xz -0.0000007497	VCV yy 0.0000116988	
		VCV yz -0.0000012424	VCV zz 0.0000037446	
PT DGN	SO	Name	20074	To the Point
GRID D	SO	Delta N	-0.232	Delta E 0.130
		Delta Elv	0.071	
GPSVEC	SO	Point ID 520075	DX 1844.949	DY -3164.967
		Class Stake out	DZ -2795.346	Code 20075
		Obs L1 Fixed	H.pr 0.023	V.pr 0.034
GPSQC1	NM	Min SVs 11	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.6	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 20.4	
		Horz SD	Vert SD	
		Start wk 1577 sec 491676.0	End wk 1577 sec 491681.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0069086934	
		VCV xx 0.0000065321	VCV xy 0.0000034873	
		VCV xz -0.000000534	VCV yy 0.0000081876	
		VCV yz -0.0000008149	VCV zz 0.0000027204	
PT DGN	SO	Name	20075	To the Point
GRID D	SO	Delta N	0.020	Delta E -0.131
		Delta Elv	0.073	
GPSVEC	SO	Point ID 520076	DX 1810.401	DY -3152.914
		Class Stake out	DZ -2800.573	Code 20076
		Obs L1 Fixed	H.pr 0.026	V.pr 0.037
GPSQC1	NM	Min SVs 11	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.6	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 22.0	
		Horz SD	Vert SD	
		Start wk 1577 sec 491734.0	End wk 1577 sec 491739.0	

GPSQC2	NM	Ttl satellites 11		Err Scale 0.0076727467
		VCV xx 0.0000084186		VCV xy 0.0000047376
		VCV xz -0.0000009961		VCV yy 0.0000098312
		VCV yz -0.0000007955		VCV zz 0.0000031878
PT DGN	SO	Name 20076		To the Point
GRID D	SO	Delta N -0.185	Delta E -0.105	
		Delta Elv 0.066		
GPSVEC	SO	Point ID 520055	DX 1770.360	DY -3138.811
		Class Stake out	DZ -2806.457	Code 20055
		Obs L1 Fixed	H.pr 0.033	V.pr 0.048
GPSQC1	NM	Min SVs 11	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.6	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 34.6	
		Horz SD	Vert SD	
		Start wk 1577 sec 491790.0	End wk 1577 sec 491795.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0098499395	
		VCV xx 0.0000121762	VCV xy 0.0000069453	
		VCV xz -0.0000013666	VCV yy 0.0000176466	
		VCV yz -0.0000013801	VCV zz 0.0000053783	
PT DGN	SO	Name 20055		To the Point
GRID D	SO	Delta N -0.204	Delta E 0.040	
		Delta Elv 0.066		
GPSVEC	SO	Point ID 520064	DX 1792.760	DY -3092.566
		Class Stake out	DZ -2735.901	Code 20064
		Obs L1 Fixed	H.pr 0.021	V.pr 0.031
GPSQC1	NM	Min SVs 10	PDOP max 1.2	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 1.0	
		Monitor status Not monitored	RMS 13.3	
		Horz SD	Vert SD	
		Start wk 1577 sec 491905.0	End wk 1577 sec 491910.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0060417485	
		VCV xx 0.0000053671	VCV xy 0.0000026139	
		VCV xz -0.0000004487	VCV yy 0.0000068415	
		VCV yz -0.0000011041	VCV zz 0.0000022535	
PT DGN	SO	Name 20064		To the Point
GRID D	SO	Delta N -0.256	Delta E 0.058	
		Delta Elv -0.024		
GPSVEC	SO	Point ID 520066	DX 1810.993	DY -3102.169
		Class Stake out	DZ -2737.216	Code 20066
		Obs L1 Fixed	H.pr 0.023	V.pr 0.032
GPSQC1	NM	Min SVs 10	PDOP max 1.2	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 1.0	
		Monitor status Not monitored	RMS 13.9	
		Horz SD	Vert SD	
		Start wk 1577 sec 491943.0	End wk 1577 sec 491948.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0063745757	
		VCV xx 0.0000056064	VCV xy 0.0000027181	
		VCV xz -0.0000006786	VCV yy 0.0000076878	
		VCV yz -0.0000012593	VCV zz 0.0000027849	
PT DGN	SO	Name 20066		To the Point
GRID D	SO	Delta N -0.243	Delta E 0.145	
		Delta Elv 0.050		
GPSVEC	SO	Point ID 520067	DX 1841.291	DY -3117.899
		Class Stake out	DZ -2738.849	Code 20067
		Obs L1 Fixed	H.pr 0.024	V.pr 0.034
GPSQC1	NM	Min SVs 10	PDOP max 1.2	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 1.0	
		Monitor status Not monitored	RMS 15.9	
		Horz SD	Vert SD	
		Start wk 1577 sec 491998.0	End wk 1577 sec 492003.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0067252815	
		VCV xx 0.000006227	VCV xy 0.0000033294	
		VCV xz -0.0000005902	VCV yy 0.0000084145	
		VCV yz -0.0000014624	VCV zz 0.0000032187	
PT DGN	SO	Name 20067		To the Point
GRID D	SO	Delta N -0.117	Delta E -0.043	
		Delta Elv -0.008		
GPSVEC	SO	Point ID 520068	DX 1879.716	DY -3137.519
		Class Stake out	DZ -2740.757	Code 20068
		Obs L1 Fixed	H.pr 0.024	V.pr 0.033



GPSQC1	NM	Min SVs	11	PDOP max	1.0
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	0.8
		Monitor status	Not monitored	RMS	21.0
		Horz SD		Vert SD	
		Start wk 1577 sec	492047.0	End wk 1577 sec	492052.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0075346469
		VCV xx	0.0000052852	VCV xy	0.0000025375
		VCV xz	0.0000000782	VCV yy	0.000008931
		VCV yz	-0.0000011757	VCV zz	0.0000030026
PT DGN	SO	Name	20068	To the Point	
GRID D	SO	Delta N	0.039	Delta E	0.084
		Delta Elv	0.057		
GPSVEC	SO	Point ID 520069		DX 1906.445	DY -3151.012
		Class Stake out		DZ -2741.720	Code 20069
		Obs L1 Fixed		H.pr 0.022	V.pr 0.030
GPSQC1	NM	Min SVs	11	PDOP max	1.0
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	0.8
		Monitor status	Not monitored	RMS	15.3
		Horz SD		Vert SD	
		Start wk 1577 sec	492091.0	End wk 1577 sec	492096.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0068175844
		VCV xx	0.0000040304	VCV xy	0.0000019472
		VCV xz	0.0000002012	VCV yy	0.000007696
		VCV yz	-0.0000008977	VCV zz	0.0000024005
PT DGN	SO	Name	20069	To the Point	
GRID D	SO	Delta N	-0.048	Delta E	0.141
		Delta Elv	-0.006		
GPSVEC	SO	Point ID 520044		DX 1772.105	DY -3113.722
		Class Stake out		DZ -2755.399	Code 20044
		Obs L1 Fixed		H.pr 0.023	V.pr 0.032
GPSQC1	NM	Min SVs	11	PDOP max	1.0
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	5	VDOP max	0.8
		Monitor status	Not monitored	RMS	23.0
		Horz SD		Vert SD	
		Start wk 1577 sec	492213.0	End wk 1577 sec	492218.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0072802557
		VCV xx	0.0000053636	VCV xy	0.0000029872
		VCV xz	-0.0000003382	VCV yy	0.0000083062
		VCV yz	-0.0000011533	VCV zz	0.0000025209
PT DGN	SO	Name	20044	To the Point	
GRID D	SO	Delta N	0.104	Delta E	0.042
		Delta Elv	-0.015		
GPSVEC	SO	Point ID 520045		DX 1776.655	DY -3117.159
		Class Stake out		DZ -2757.006	Code 20045
		Obs L1 Fixed		H.pr 0.021	V.pr 0.029
GPSQC1	NM	Min SVs	11	PDOP max	1.0
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	0.8
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1577 sec	492263.0	End wk 1577 sec	492268.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0065763486
		VCV xx	0.0000037022	VCV xy	0.0000018405
		VCV xz	0.0000001086	VCV yy	0.000007342
		VCV yz	-0.0000008817	VCV zz	0.000000219
PT DGN	SO	Name	20045	To the Point	
GRID D	SO	Delta N	0.089	Delta E	-0.131
		Delta Elv	0.029		
GPSVEC	SO	Point ID 520046		DX 1772.085	DY -3126.593
		Class Stake out		DZ -2771.710	Code 20046
		Obs L1 Fixed		H.pr 0.020	V.pr 0.027
GPSQC1	NM	Min SVs	11	PDOP max	1.0
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	0.8
		Monitor status	Not monitored	RMS	13.7
		Horz SD		Vert SD	
		Start wk 1577 sec	492334.0	End wk 1577 sec	492339.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0061968733
		VCV xx	0.0000032769	VCV xy	0.0000016778
		VCV xz	0.00000007	VCV yy	0.000006569
		VCV yz	-0.0000007877	VCV zz	0.0000019301
PT DGN	SO	Name	20046	To the Point	
GRID D	SO	Delta N	-0.095	Delta E	0.411
		Delta Elv	0.060		

GPSVEC	SO	Point ID 520047	DX	1771.903	DY	-3128.001
		Class Stake out	DZ	-2773.553	Code	20047
		Obs L1 Fixed	H.pr	0.023	V.pr	0.031
GPSQC1	NM	Min SVs 11		PDOP max	1.0	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	0.8	
		Monitor status Not monitored		RMS	14.0	
		Horz SD		Vert SD		
		Start wk 1577 sec 492419.0		End wk 1577 sec 492424.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0070948377	
		VCV xx 0.0000042733		VCV xy	0.0000022376	
		VCV xz 0.0000000524		VCV yy	0.0000086425	
		VCV yz -0.0000010367		VCV zz	0.0000025518	
PT DGN	SO	Name 20047		To the Point		
GRID D	SO	Delta N -0.025		Delta E -0.055		
		Delta Elv -0.015				
GPSVEC	SO	Point ID 520048	DX	1770.010	DY	-3127.582
		Class Stake out	DZ	-2774.158	Code	20048
		Obs L1 Fixed	H.pr	0.024	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.0	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	0.8	
		Monitor status Not monitored		RMS	27.0	
		Horz SD		Vert SD		
		Start wk 1577 sec 492452.0		End wk 1577 sec 492457.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0075852098	
		VCV xx 0.0000049662		VCV xy	0.0000025957	
		VCV xz -0.0000001418		VCV yy	0.0000100373	
		VCV yz -0.0000014033		VCV zz	0.0000026874	
PT DGN	SO	Name 20048		To the Point		
GRID D	SO	Delta N -0.133		Delta E -0.165		
		Delta Elv -0.024				
GPSVEC	SO	Point ID 520049	DX	1716.700	DY	-3108.833
		Class Stake out	DZ	-2782.454	Code	20049
		Obs L1 Fixed	H.pr	0.024	V.pr	0.033
GPSQC1	NM	Min SVs 11		PDOP max	1.0	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	0.8	
		Monitor status Not monitored		RMS	24.0	
		Horz SD		Vert SD		
		Start wk 1577 sec 492526.0		End wk 1577 sec 492531.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.007474788	
		VCV xx 0.0000049339		VCV xy	0.0000029525	
		VCV xz -0.0000003277		VCV yy	0.0000099004	
		VCV yz -0.0000014398		VCV zz	0.0000023649	
PT DGN	SO	Name 20049		To the Point		
GRID D	SO	Delta N -0.063		Delta E -0.245		
		Delta Elv 0.072				
GPSVEC	SO	Point ID 520050	DX	1667.874	DY	-3091.371
		Class Stake out	DZ	-2789.535	Code	20050
		Obs L1 Fixed	H.pr	0.022	V.pr	0.030
GPSQC1	NM	Min SVs 11		PDOP max	1.0	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	0.8	
		Monitor status Not monitored		RMS	14.5	
		Horz SD		Vert SD		
		Start wk 1577 sec 492581.0		End wk 1577 sec 492586.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0068405969	
		VCV xx 0.0000043828		VCV xy	0.0000027677	
		VCV xz -0.0000003396		VCV yy	0.0000079459	
		VCV yz -0.0000011887		VCV zz	0.000002084	
PT DGN	SO	Name 20050		To the Point		
GRID D	SO	Delta N -0.318		Delta E -0.044		
		Delta Elv 0.076				
NOTE	TS	Time Date 04/02/2010 Time 09:50:45				
GPSVEC	SO	Point ID 520051	DX	1620.937	DY	-3074.778
		Class Stake out	DZ	-2796.528	Code	20051
		Obs L1 Fixed	H.pr	0.029	V.pr	0.040
GPSQC1	NM	Min SVs 11		PDOP max	1.0	
		Relative DOPs Yes		HDOP max	0.6	
		Total GPS pos 6		VDOP max	0.8	
		Monitor status Not monitored		RMS	38.6	
		Horz SD		Vert SD		
		Start wk 1577 sec 492652.0		End wk 1577 sec 492657.0		
GPSQC2	NM	Ttl satellites 11		Err Scale	0.0091407653	
		VCV xx 0.0000074876		VCV xy	0.0000041574	
		VCV xz -0.0000004583		VCV yy	0.0000135297	
		VCV yz -0.0000018759		VCV zz	0.0000047281	

PT DGN	SO	Name	20051	To the Point
GRID D	SO	Delta N	0.053	Delta E -0.120
		Delta Elv	0.058	
GPSVEC	SO	Point ID 520052	DX 1571.243	DY -3056.255
		Class Stake out	DZ -2802.766	Code 20052
		Obs L1 Fixed	H.pr 0.026	V.pr 0.036
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 15.9	
		Horz SD	Vert SD	
		Start wk 1577 sec 492715.0	End wk 1577 sec 492720.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0075446498	
		VCV xx 0.0000059317	VCV xy 0.0000033505	
		VCV xz -0.0000004327	VCV yy 0.0000113404	
		VCV yz -0.0000015776	VCV zz 0.0000031914	
PT DGN	SO	Name	20052	To the Point
GRID D	SO	Delta N	-0.307	Delta E -0.091
		Delta Elv	0.075	
GPSVEC	SO	Point ID 520053	DX 1511.549	DY -3034.230
		Class Stake out	DZ -2810.396	Code 20053
		Obs L1 Fixed	H.pr 0.024	V.pr 0.031
GPSQC1	NM	Min SVs 10	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 20.8	
		Horz SD	Vert SD	
		Start wk 1577 sec 492791.0	End wk 1577 sec 492796.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0066160723	
		VCV xx 0.000003898	VCV xy 0.0000020726	
		VCV xz -0.0000004253	VCV yy 0.0000075165	
		VCV yz -0.0000010007	VCV zz 0.0000046713	
PT DGN	SO	Name	20053	To the Point
GRID D	SO	Delta N	-0.080	Delta E 0.070
		Delta Elv	0.022	
GPSVEC	SO	Point ID 520054	DX 1466.932	DY -3017.574
		Class Stake out	DZ -2815.891	Code 20054
		Obs L1 Fixed	H.pr 0.021	V.pr 0.027
GPSQC1	NM	Min SVs 10	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 16.9	
		Horz SD	Vert SD	
		Start wk 1577 sec 492851.0	End wk 1577 sec 492856.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0057340479	
		VCV xx 0.0000029044	VCV xy 0.0000016295	
		VCV xz -0.0000002747	VCV yy 0.000006261	
		VCV yz -0.000000727	VCV zz 0.0000030096	
PT DGN	SO	Name	20054	To the Point
GRID D	SO	Delta N	-0.071	Delta E 0.078
		Delta Elv	0.005	
GPSVEC	SO	Point ID 520015	DX 1419.209	DY -2999.523
		Class Stake out	DZ -2821.572	Code 20015
		Obs L1 Fixed	H.pr 0.023	V.pr 0.031
GPSQC1	NM	Min SVs 10	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 20.1	
		Horz SD	Vert SD	
		Start wk 1577 sec 492934.0	End wk 1577 sec 492939.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0063699111	
		VCV xx 0.0000035126	VCV xy 0.0000017454	
		VCV xz -0.0000003715	VCV yy 0.0000074569	
		VCV yz -0.0000010674	VCV zz 0.0000042152	
PT DGN	SO	Name	20015	To the Point
GRID D	SO	Delta N	-0.378	Delta E -0.107
		Delta Elv	0.044	
GPSVEC	SO	Point ID 520024	DX 1478.183	DY -2929.066
		Class Stake out	DZ -2699.789	Code 20024
		Obs L1 Fixed	H.pr 0.022	V.pr 0.029
GPSQC1	NM	Min SVs 10	PDOP max 1.2	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 11.8	
		Horz SD	Vert SD	
		Start wk 1577 sec 493048.0	End wk 1577 sec 493053.0	

GPSQC2	NM	Ttl satellites 10		Err Scale 0.0060948059
		VCV xx 0.0000032945		VCV xy 0.0000018788
		VCV xz -0.0000004508		VCV yy 0.0000073079
		VCV yz -0.000000945		VCV zz 0.0000035045
PT DGN	SO	Name 20024		To the Point
GRID D	SO	Delta N 0.079		Delta E -0.104
		Delta Elv -0.033		
GPSVEC	SO	Point ID 520036	DX 1507.039	DY -2952.951
		Class Stake out	DZ -2712.086	Code 20036
		Obs L1 Fixed	H.pr 0.035	V.pr 0.046
GPSQC1	NM	Min SVs 10		PDOP max 1.2
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 0.9
		Monitor status Not monitored		RMS 12.1
		Horz SD		Vert SD
		Start wk 1577 sec 493096.0		End wk 1577 sec 493101.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0094697289
		VCV xx 0.0000082283		VCV xy 0.0000050208
		VCV xz -0.0000014672		VCV yy 0.0000169269
		VCV yz -0.0000024824		VCV zz 0.0000091133
PT DGN	SO	Name 20036		To the Point
GRID D	SO	Delta N 0.020		Delta E -0.015
		Delta Elv 0.034		
GPSVEC	SO	Point ID 520037	DX 1514.906	DY -2957.934
		Class Stake out	DZ -2713.648	Code 20037
		Obs L1 Fixed	H.pr 0.021	V.pr 0.028
GPSQC1	NM	Min SVs 10		PDOP max 1.2
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 0.9
		Monitor status Not monitored		RMS 14.8
		Horz SD		Vert SD
		Start wk 1577 sec 493137.0		End wk 1577 sec 493142.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0056652818
		VCV xx 0.0000028423		VCV xy 0.0000016401
		VCV xz -0.0000004241		VCV yy 0.0000063588
		VCV yz -0.0000008483		VCV zz 0.0000031296
PT DGN	SO	Name 20037		To the Point
GRID D	SO	Delta N 0.149		Delta E -0.075
		Delta Elv 0.048		
GPSVEC	SO	Point ID 520038	DX 1563.202	DY -2983.385
		Class Stake out	DZ -2716.936	Code 20038
		Obs L1 Fixed	H.pr 0.024	V.pr 0.031
GPSQC1	NM	Min SVs 10		PDOP max 1.7
		Relative DOPs Yes		HDOP max 1.0
		Total GPS pos 6		VDOP max 1.3
		Monitor status Not monitored		RMS 13.0
		Horz SD		Vert SD
		Start wk 1577 sec 493233.0		End wk 1577 sec 493238.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0059135691
		VCV xx 0.000003964		VCV xy 0.0000024362
		VCV xz -0.0000010163		VCV yy 0.0000079506
		VCV yz -0.0000014433		VCV zz 0.0000039602
PT DGN	SO	Name 20038		To the Point
GRID D	SO	Delta N -0.154		Delta E -0.049
		Delta Elv -0.019		
GPSVEC	SO	Point ID 520039	DX 1607.680	DY -3006.975
		Class Stake out	DZ -2720.301	Code 20039
		Obs L1 Fixed	H.pr 0.023	V.pr 0.031
GPSQC1	NM	Min SVs 10		PDOP max 1.2
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 0.9
		Monitor status Not monitored		RMS 18.9
		Horz SD		Vert SD
		Start wk 1577 sec 493289.0		End wk 1577 sec 493294.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0061999811
		VCV xx 0.0000036596		VCV xy 0.000002211
		VCV xz -0.0000009729		VCV yy 0.0000074836
		VCV yz -0.0000012999		VCV zz 0.0000039245
PT DGN	SO	Name 20039		To the Point
GRID D	SO	Delta N 0.013		Delta E -0.040
		Delta Elv 0.005		
GPSVEC	SO	Point ID 520040	DX 1644.933	DY -3026.564
		Class Stake out	DZ -2722.918	Code 20040
		Obs L1 Fixed	H.pr 0.021	V.pr 0.028

GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	0.9
		Monitor status	Not monitored	RMS	12.7
		Horz SD		Vert SD	
		Start wk 1577 sec	493334.0	End wk 1577 sec	493339.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0055750199
		VCV xx	0.000002792	VCV xy	0.0000016671
		VCV xz	-0.0000005696	VCV yy	0.0000063129
		VCV yz	-0.0000009432	VCV zz	0.0000031518
PT DGN	SO	Name	20040	To the Point	
GRID D	SO	Delta N	-0.074	Delta E	0.017
		Delta Elv	0.029		
GPSVEC	SO	Point ID 520041		DY	-3046.468
		Class Stake out		Code	20041
		Obs L1 Fixed	H.pr 0.026	V.pr	0.035
GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	0.9
		Monitor status	Not monitored	RMS	19.0
		Horz SD		Vert SD	
		Start wk 1577 sec	493385.0	End wk 1577 sec	493390.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0069874623
		VCV xx	0.0000046104	VCV xy	0.0000030037
		VCV xz	-0.0000013629	VCV yy	0.0000098322
		VCV yz	-0.0000019122	VCV zz	0.0000049439
PT DGN	SO	Name	20041	To the Point	
GRID D	SO	Delta N	0.273	Delta E	-0.048
		Delta Elv	0.070		
GPSVEC	SO	Point ID 520042		DY	-3069.413
		Class Stake out		Code	20042
		Obs L1 Fixed	H.pr 0.026	V.pr	0.035
GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	0.9
		Monitor status	Not monitored	RMS	11.1
		Horz SD		Vert SD	
		Start wk 1577 sec	493429.0	End wk 1577 sec	493434.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0069414652
		VCV xx	0.0000044072	VCV xy	0.0000031437
		VCV xz	-0.0000012071	VCV yy	0.0000104577
		VCV yz	-0.0000019951	VCV zz	0.0000043815
PT DGN	SO	Name	20042	To the Point	
GRID D	SO	Delta N	-0.103	Delta E	-0.007
		Delta Elv	0.020		
GPSVEC	SO	Point ID 520043		DY	-3091.657
		Class Stake out		Code	20043
		Obs L1 Fixed	H.pr 0.029	V.pr	0.038
GPSQC1	NM	Min SVs	10	PDOP max	1.2
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	0.9
		Monitor status	Not monitored	RMS	23.9
		Horz SD		Vert SD	
		Start wk 1577 sec	493480.0	End wk 1577 sec	493485.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0076794149
		VCV xx	0.0000051171	VCV xy	0.0000028447
		VCV xz	-0.0000012932	VCV yy	0.0000125101
		VCV yz	-0.0000022693	VCV zz	0.0000060932
PT DGN	SO	Name	20043	To the Point	
GRID D	SO	Delta N	-0.007	Delta E	-0.106
		Delta Elv	0.060		
GPSVEC	SO	Point ID 520006		DY	-2959.323
		Class Stake out		Code	20006
		Obs L1 Fixed	H.pr 0.020	V.pr	0.027
GPSQC1	NM	Min SVs	11	PDOP max	1.1
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	0.9
		Monitor status	Not monitored	RMS	11.8
		Horz SD		Vert SD	
		Start wk 1577 sec	493878.0	End wk 1577 sec	493883.0
GPSQC2	NM	Ttl satellites	11	Err Scale	0.0056869118
		VCV xx	0.0000031548	VCV xy	0.0000016703
		VCV xz	-0.0000010211	VCV yy	0.000004597
		VCV yz	-0.0000008509	VCV zz	0.0000039516
PT DGN	SO	Name	20006	To the Point	
GRID D	SO	Delta N	-0.123	Delta E	0.026
		Delta Elv	0.047		

GPSVEC	SO	Point ID 520005	DX 1431.215	DY -2968.384
		Class Stake out	DZ -2745.917	Code 20005
		Obs L1 Fixed	H.pr 0.021	V.pr 0.028
GPSQC1	NM	Min SVs 11	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 16.1	
		Horz SD	Vert SD	
		Start wk 1577 sec 493936.0	End wk 1577 sec 493941.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.00585532	
		VCV xx 0.0000033131	VCV xy 0.0000017493	
		VCV xz -0.0000010994	VCV yy 0.0000049649	
		VCV yz -0.0000009243	VCV zz 0.0000042816	
PT DGN	SO	Name 20005	To the Point	
GRID D	SO	Delta N -0.016	Delta E 0.309	
		Delta Elv 0.076		
GPSVEC	SO	Point ID 520029	DX 1423.521	DY -2976.771
		Class Stake out	DZ -2760.910	Code 20029
		Obs L1 Fixed	H.pr 0.021	V.pr 0.028
GPSQC1	NM	Min SVs 11	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 13.8	
		Horz SD	Vert SD	
		Start wk 1577 sec 494001.0	End wk 1577 sec 494006.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.005773535	
		VCV xx 0.0000032753	VCV xy 0.0000017553	
		VCV xz -0.000001176	VCV yy 0.0000048343	
		VCV yz -0.0000009625	VCV zz 0.0000042699	
PT DGN	SO	Name 20029	To the Point	
GRID D	SO	Delta N 0.209	Delta E 0.126	
		Delta Elv -0.007		
GPSVEC	SO	Point ID 520004	DX 1419.160	DY -2981.198
		Class Stake out	DZ -2768.590	Code 20004
		Obs L1 Fixed	H.pr 0.024	V.pr 0.031
GPSQC1	NM	Min SVs 11	PDOP max 1.1	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 0.9	
		Monitor status Not monitored	RMS 16.9	
		Horz SD	Vert SD	
		Start wk 1577 sec 494072.0	End wk 1577 sec 494077.0	
GPSQC2	NM	Ttl satellites 11	Err Scale 0.0064788349	
		VCV xx 0.0000044537	VCV xy 0.0000028343	
		VCV xz -0.0000018205	VCV yy 0.0000064774	
		VCV yz -0.0000017434	VCV zz 0.0000048916	
PT DGN	SO	Name 20004	To the Point	
GRID D	SO	Delta N -0.154	Delta E 0.231	
		Delta Elv 0.062		
GPSVEC	SO	Point ID 520003	DX 1384.655	DY -2967.948
		Class Stake out	DZ -2772.165	Code 20003
		Obs L1 Fixed	H.pr 0.052	V.pr 0.072
GPSQC1	NM	Min SVs 10	PDOP max 1.3	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 6	VDOP max 1.0	
		Monitor status Not monitored	RMS 21.4	
		Horz SD	Vert SD	
		Start wk 1577 sec 494169.0	End wk 1577 sec 494174.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0132793384	
		VCV xx 0.0000261715	VCV xy 0.0000220732	
		VCV xz -0.0000148376	VCV yy 0.0000341177	
		VCV yz -0.0000144631	VCV zz 0.0000220211	
PT DGN	SO	Name 20003	To the Point	
GRID D	SO	Delta N -0.457	Delta E -0.020	
		Delta Elv 0.080		
GPSVEC	SO	Point ID 520002	DX 1349.341	DY -2954.593
		Class Stake out	DZ -2776.171	Code 20002
		Obs L1 Fixed	H.pr 0.023	V.pr 0.033
GPSQC1	NM	Min SVs 10	PDOP max 1.3	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 6	VDOP max 1.1	
		Monitor status Not monitored	RMS 20.6	
		Horz SD	Vert SD	
		Start wk 1577 sec 494325.0	End wk 1577 sec 494330.0	
GPSQC2	NM	Ttl satellites 10	Err Scale 0.0057935249	
		VCV xx 0.0000048721	VCV xy 0.0000042576	
		VCV xz -0.0000030207	VCV yy 0.0000068321	
		VCV yz -0.0000030009	VCV zz 0.0000046495	
PT DGN	SO	Name 20002	To the Point	

GRID D	SO	Delta N	-0.628	Delta E	0.046
		Delta Elv	0.052		

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GPSVEC	SO	Point ID 520001	DX 1302.735	DY -2937.027
		Class Stake out	DZ -2781.602	Code 20001
		Obs L1 Fixed	H.pr 0.026	V.pr 0.038

GPSQC1	NM	Min SVs 10	PDOP max 1.3
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 6	VDOP max 1.1
		Monitor status Not monitored	RMS 24.4
		Horz SD	Vert SD
		Start wk 1577 sec 494465.0	End wk 1577 sec 494470.0

GPSQC2	NM	Ttl satellites 10	Err Scale 0.0065959007
		VCV xx 0.000003785	VCV xy 0.0000030122
		VCV xz 0.0000003186	VCV yy 0.0000095156
		VCV yz -0.0000029236	VCV zz 0.0000087416

PT DGN SO Name 20001 To the Point

GRID D	SO	Delta N	-0.723	Delta E	-0.003
		Delta Elv	0.055		

GPSVEC	SO	Point ID 520000	DX 1263.013	DY -2922.264
		Class Stake out	DZ -2786.566	Code 20000
		Obs L1 Fixed	H.pr 0.037	V.pr 0.055

GPSQC1	NM	Min SVs 10	PDOP max 1.4
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 6	VDOP max 1.1
		Monitor status Not monitored	RMS 41.6
		Horz SD	Vert SD
		Start wk 1577 sec 494635.0	End wk 1577 sec 494640.0

GPSQC2	NM	Ttl satellites 10	Err Scale 0.0092458436
		VCV xx 0.0000063616	VCV xy 0.0000049936
		VCV xz 0.000001864	VCV yy 0.0000195815
		VCV yz -0.0000058072	VCV zz 0.0000194949

PT DGN SO Name 20000 To the Point

GRID D	SO	Delta N	-0.439	Delta E	0.041
		Delta Elv	0.089		

GPSVEC	SO	Point ID 520595	DX 1204.329	DY -2900.913
		Class Stake out	DZ -2794.400	Code 20595
		Obs L1 Fixed	H.pr 0.032	V.pr 0.049

GPSQC1	NM	Min SVs 10	PDOP max 2.0
		Relative DOPs Yes	HDOP max 1.1
		Total GPS pos 6	VDOP max 1.6
		Monitor status Not monitored	RMS 33.0
		Horz SD	Vert SD
		Start wk 1577 sec 494778.0	End wk 1577 sec 494783.0

GPSQC2	NM	Ttl satellites 10	Err Scale 0.0073225563
		VCV xx 0.0000051951	VCV xy 0.0000043637
		VCV xz 0.00000069	VCV yy 0.0000164619
		VCV yz -0.0000053182	VCV zz 0.0000129711

PT DGN SO Name 20595 To the Point

GRID D	SO	Delta N	-0.042	Delta E	-0.418
		Delta Elv	0.084		

GPSVEC	SO	Point ID 520590	DX 1151.340	DY -2880.744
		Class Stake out	DZ -2800.697	Code 20590
		Obs L1 Fixed	H.pr 0.032	V.pr 0.050

GPSQC1	NM	Min SVs 10	PDOP max 1.4
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 6	VDOP max 1.2
		Monitor status Not monitored	RMS 26.5
		Horz SD	Vert SD
		Start wk 1577 sec 494865.0	End wk 1577 sec 494870.0

GPSQC2	NM	Ttl satellites 10	Err Scale 0.0079383357
		VCV xx 0.0000060618	VCV xy 0.0000039868
		VCV xz 0.000001402	VCV yy 0.0000141461
		VCV yz -0.0000043529	VCV zz 0.0000155364

PT DGN SO Name 20590 To the Point

GRID D	SO	Delta N	-0.502	Delta E	0.105
		Delta Elv	0.093		

GPSVEC	SO	Point ID 520589	DX 1112.164	DY -2865.488
		Class Stake out	DZ -2802.140	Code 20589
		Obs L1 Fixed	H.pr 0.023	V.pr 0.037

GPSQC1	NM	Min SVs 10	PDOP max 1.4
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 6	VDOP max 1.2
		Monitor status Not monitored	RMS 21.7
		Horz SD	Vert SD
		Start wk 1577 sec 494944.0	End wk 1577 sec 494949.0

GPSQC2	NM	Ttl satellites 10	Err Scale 0.0057986206
		VCV xx 0.0000034487	VCV xy 0.000002592
		VCV xz 0.0000003659	VCV yy 0.0000082084
		VCV yz -0.0000025849	VCV zz 0.0000078421
PT DGN	SO	Name 20589	To the Point
GRID D	SO	Delta N -0.565	Delta E -0.282
		Delta Elv 0.035	
GPSVEC	SO	Point ID 520584 DX 1046.813 DY -2840.409	
		Class Stake out DZ -2806.719 Code 20584	
		Obs L1 Fixed H.pr 0.025 V.pr 0.041	
GPSQC1	NM	Min SVs 10 PDOP max 1.4	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 5 VDOP max 1.2	
		Monitor status Not monitored RMS 22.4	
		Horz SD Vert SD	
		Start wk 1577 sec 495028.0 End wk 1577 sec 495033.0	
GPSQC2	NM	Ttl satellites 10 Err Scale 0.0063094781	
		VCV xx 0.0000042679 VCV xy 0.0000030262	
		VCV xz 0.0000006094 VCV yy 0.0000099581	
		VCV yz -0.0000030976 VCV zz 0.0000094051	
PT DGN	SO	Name 20584	To the Point
GRID D	SO	Delta N -0.203	Delta E -0.017
		Delta Elv 0.083	
GPSVEC	SO	Point ID 520583 DX 997.388 DY -2821.880	
		Class Stake out DZ -2811.614 Code 20583	
		Obs L1 Fixed H.pr 0.027 V.pr 0.044	
GPSQC1	NM	Min SVs 10 PDOP max 1.5	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 6 VDOP max 1.2	
		Monitor status Not monitored RMS 20.0	
		Horz SD Vert SD	
		Start wk 1577 sec 495093.0 End wk 1577 sec 495098.0	
GPSQC2	NM	Ttl satellites 10 Err Scale 0.0067137298	
		VCV xx 0.0000053697 VCV xy 0.0000040009	
		VCV xz 0.0000001712 VCV yy 0.0000121453	
		VCV yz -0.0000039251 VCV zz 0.0000097234	
PT DGN	SO	Name 20583	To the Point
GRID D	SO	Delta N -0.435	Delta E -0.044
		Delta Elv 0.064	
GPSVEC	SO	Point ID 520578 DX 946.527 DY -2803.291	
		Class Stake out DZ -2818.276 Code 20578	
		Obs L1 Fixed H.pr 0.019 V.pr 0.031	
GPSQC1	NM	Min SVs 10 PDOP max 1.5	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 6 VDOP max 1.3	
		Monitor status Not monitored RMS 19.9	
		Horz SD Vert SD	
		Start wk 1577 sec 495156.0 End wk 1577 sec 495161.0	
GPSQC2	NM	Ttl satellites 10 Err Scale 0.0047778594	
		VCV xx 0.0000024711 VCV xy 0.0000020871	
		VCV xz 0.000000163 VCV yy 0.0000065573	
		VCV yz -0.0000020432 VCV zz 0.0000050044	
PT DGN	SO	Name 20578	To the Point
GRID D	SO	Delta N -0.214	Delta E -0.174
		Delta Elv 0.025	
GPSVEC	SO	Point ID 520577 DX 890.527 DY -2782.886	
		Class Stake out DZ -2825.822 Code 20577	
		Obs L1 Fixed H.pr 0.029 V.pr 0.048	
GPSQC1	NM	Min SVs 10 PDOP max 1.5	
		Relative DOPs Yes HDOP max 0.8	
		Total GPS pos 6 VDOP max 1.3	
		Monitor status Not monitored RMS 17.9	
		Horz SD Vert SD	
		Start wk 1577 sec 495238.0 End wk 1577 sec 495243.0	
GPSQC2	NM	Ttl satellites 10 Err Scale 0.0071437415	
		VCV xx 0.0000051101 VCV xy 0.0000053301	
		VCV xz -0.0000003201 VCV yy 0.0000170605	
		VCV yz -0.0000058378 VCV zz 0.000009894	
PT DGN	SO	Name 20577	To the Point
GRID D	SO	Delta N -0.157	Delta E 0.076
		Delta Elv 0.049	
GPSVEC	SO	Point ID 520572 DX 831.419 DY -2761.388	
		Class Stake out DZ -2833.867 Code 20572	
		Obs L1 Fixed H.pr 0.022 V.pr 0.038	



GPSQC1	NM	Min SVs	10	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1577 sec	495307.0	End wk 1577 sec	495312.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0055786008
		VCV xx	0.0000034851	VCV xy	0.0000037189
		VCV xz	-0.0000004882	VCV yy	0.0000107269
		VCV yz	-0.0000037064	VCV zz	0.0000056969
PT DGN	SO	Name	20572	To the Point	
GRID D	SO	Delta N	-0.129	Delta E	0.105
		Delta Elv	0.064		
GPSVEC	SO	Point ID 520712		DX 807.716	DY -2752.673
		Class Stake out		DZ -2837.016	Code 20712
		Obs L1 Fixed		H.pr 0.022	V.pr 0.038
GPSQC1	NM	Min SVs	10	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	22.9
		Horz SD		Vert SD	
		Start wk 1577 sec	495366.0	End wk 1577 sec	495371.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0055180844
		VCV xx	0.0000029395	VCV xy	0.000002959
		VCV xz	-0.0000001077	VCV yy	0.000010652
		VCV yz	-0.0000035855	VCV zz	0.0000061834
PT DGN	SO	Name	20712	To the Point	
GRID D	SO	Delta N	0.229	Delta E	0.139
		Delta Elv	0.071		
GPSVEC	SO	Point ID 520571		DX 776.766	DY -2741.075
		Class Stake out		DZ -2839.906	Code 20571
		Obs L1 Fixed		H.pr 0.019	V.pr 0.033
GPSQC1	NM	Min SVs	10	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	14.1
		Horz SD		Vert SD	
		Start wk 1577 sec	495421.0	End wk 1577 sec	495426.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.004806492
		VCV xx	0.0000024029	VCV xy	0.0000020997
		VCV xz	0.000000064	VCV yy	0.0000076613
		VCV yz	-0.0000025273	VCV zz	0.0000051467
PT DGN	SO	Name	20571	To the Point	
GRID D	SO	Delta N	-0.082	Delta E	0.072
		Delta Elv	0.042		
GPSVEC	SO	Point ID 520566		DX 726.195	DY -2721.873
		Class Stake out		DZ -2844.570	Code 20566
		Obs L1 Fixed		H.pr 0.019	V.pr 0.034
GPSQC1	NM	Min SVs	10	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.0
		Horz SD		Vert SD	
		Start wk 1577 sec	495480.0	End wk 1577 sec	495485.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0048454995
		VCV xx	0.0000027797	VCV xy	0.000002383
		VCV xz	0.0000000466	VCV yy	0.0000077068
		VCV yz	-0.000002369	VCV zz	0.0000051959
PT DGN	SO	Name	20566	To the Point	
GRID D	SO	Delta N	-0.264	Delta E	-0.215
		Delta Elv	0.040		
GPSVEC	SO	Point ID 520549		DX 683.709	DY -2705.995
		Class Stake out		DZ -2848.764	Code 20549
		Obs L1 Fixed		H.pr 0.020	V.pr 0.034
GPSQC1	NM	Min SVs	10	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 1577 sec	495557.0	End wk 1577 sec	495562.0
GPSQC2	NM	Ttl satellites	10	Err Scale	0.0048761629
		VCV xx	0.0000029196	VCV xy	0.0000025037
		VCV xz	0.0000000068	VCV yy	0.0000079986
		VCV yz	-0.0000024401	VCV zz	0.0000052535
PT DGN	SO	Name	20549	To the Point	
GRID D	SO	Delta N	0.103	Delta E	-0.135
		Delta Elv	0.046		

GPSVEC	SO	Point ID 520548	DX	723.661	DY	-2677.632
		Class Stake out	DZ	-2792.300	Code	20548
		Obs L1 Fixed	H.pr	0.021	V.pr	0.038
GPSQC1	NM	Min SVs 10		PDOP max	2.2	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 4		VDOP max	1.9	
		Monitor status Not monitored		RMS	10.2	
		Horz SD		Vert SD		
		Start wk 1577 sec 495639.0		End wk 1577 sec 495644.0		
GPSQC2	NM	Ttl satellites 10		Err Scale	0.0049088034	
		VCV xx 0.0000035671		VCV xy	0.0000030925	
		VCV xz -0.0000000673		VCV yy	0.000009749	
		VCV yz -0.0000029664		VCV zz	0.0000061613	
PT DGN	SO	Name 20548		To the Point		
GRID D	SO	Delta N -0.008		Delta E	-0.224	
		Delta Elv 0.021				
GPSVEC	SO	Point ID 520543	DX	749.355	DY	-2659.013
		Class Stake out	DZ	-2755.861	Code	20543
		Obs L1 Fixed	H.pr	0.017	V.pr	0.031
GPSQC1	NM	Min SVs 10		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.4	
		Monitor status Not monitored		RMS	10.7	
		Horz SD		Vert SD		
		Start wk 1577 sec 495717.0		End wk 1577 sec 495722.0		
GPSQC2	NM	Ttl satellites 10		Err Scale	0.0042692409	
		VCV xx 0.000002332		VCV xy	0.0000020333	
		VCV xz -0.0000000689		VCV yy	0.0000065093	
		VCV yz -0.0000019634		VCV zz	0.000003996	
PT DGN	SO	Name 20543		To the Point		
GRID D	SO	Delta N 0.132		Delta E	-0.282	
		Delta Elv 0.006				
GPSVEC	SO	Point ID 521517	DX	1400.685	DY	-2552.611
		Class Stake out	DZ	-2275.534	Code	21517
		Obs L1 Fixed	H.pr	0.020	V.pr	0.038
GPSQC1	NM	Min SVs 10		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.4	
		Monitor status Not monitored		RMS	14.3	
		Horz SD		Vert SD		
		Start wk 1577 sec 496070.0		End wk 1577 sec 496075.0		
GPSQC2	NM	Ttl satellites 10		Err Scale	0.0050484668	
		VCV xx 0.0000039481		VCV xy	0.0000037601	
		VCV xz -0.000000679		VCV yy	0.0000102124	
		VCV yz -0.0000032721		VCV zz	0.0000049201	
PT DGN	SO	Name 21517		To the Point		
GRID D	SO	Delta N 0.147		Delta E	0.406	
		Delta Elv 0.028				
GPSVEC	SO	Point ID 521518	DX	1392.439	DY	-2564.788
		Class Stake out	DZ	-2294.504	Code	21518
		Obs L1 Fixed	H.pr	0.017	V.pr	0.033
GPSQC1	NM	Min SVs 10		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.4	
		Monitor status Not monitored		RMS	9.5	
		Horz SD		Vert SD		
		Start wk 1577 sec 496126.0		End wk 1577 sec 496131.0		
GPSQC2	NM	Ttl satellites 10		Err Scale	0.0043104403	
		VCV xx 0.000002581		VCV xy	0.0000022995	
		VCV xz -0.0000002474		VCV yy	0.0000074948	
		VCV yz -0.0000021742		VCV zz	0.0000039356	
PT DGN	SO	Name 21518		To the Point		
GRID D	SO	Delta N 0.061		Delta E	0.588	
		Delta Elv 0.079				
GPSVEC	SO	Point ID 521523	DX	1387.245	DY	-2579.542
		Class Stake out	DZ	-2314.617	Code	21523
		Obs L1 Fixed	H.pr	0.017	V.pr	0.033
GPSQC1	NM	Min SVs 10		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.4	
		Monitor status Not monitored		RMS	9.0	
		Horz SD		Vert SD		
		Start wk 1577 sec 496177.0		End wk 1577 sec 496182.0		
GPSQC2	NM	Ttl satellites 10		Err Scale	0.0043402393	
		VCV xx 0.0000026487		VCV xy	0.000002411	
		VCV xz -0.0000003165		VCV yy	0.000007749	
		VCV yz -0.0000022675		VCV zz	0.0000038936	
PT DGN	SO	Name 21523		To the Point		

GRID D	SO	Delta N	0.117	Delta E	0.359
		Delta Elv	0.094		

  

GPSVEC	SO	Point ID 520608	DX 1375.955	DY -2621.811
		Class Stake out	DZ -2369.913	Code 20608
		Obs L1 Fixed	H.pr 0.015	V.pr 0.030

  

GPSQC1	NM	Min SVs	10	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	8.4
		Horz SD		Vert SD	
		Start wk 1577 sec 496250.0		End wk 1577 sec 496255.0	

  

GPSQC2	NM	Ttl satellites	10	Err Scale	0.0036118757
		VCV xx	0.0000021757	VCV xy	0.0000019616
		VCV xz	-0.000000272	VCV yy	0.0000063168
		VCV yz	-0.0000018173	VCV zz	0.0000031419

  

PT DGN	SO	Name	20608	To the Point
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GRID D	SO	Delta N	-0.083	Delta E	0.337
		Delta Elv	0.039		

  

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GPSVEC	SO	Point ID 520607	DX 1366.187	DY -2659.804
		Class Stake out	DZ -2419.535	Code 20607
		Obs L1 Fixed	H.pr 0.018	V.pr 0.035

  

GPSQC1	NM	Min SVs	10	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	10.5
		Horz SD		Vert SD	
		Start wk 1577 sec 496319.0		End wk 1577 sec 496324.0	

  

GPSQC2	NM	Ttl satellites	10	Err Scale	0.0045850086
		VCV xx	0.0000029691	VCV xy	0.0000026949
		VCV xz	-0.0000003946	VCV yy	0.000008903
		VCV yz	-0.0000025581	VCV zz	0.0000042921

  

PT DGN	SO	Name	20607	To the Point
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GRID D	SO	Delta N	0.192	Delta E	0.289
		Delta Elv	0.063		

  

GPSVEC	SO	Point ID 520602	DX 1356.612	DY -2700.408
		Class Stake out	DZ -2471.936	Code 20602
		Obs L1 Fixed	H.pr 0.019	V.pr 0.038

  

GPSQC1	NM	Min SVs	10	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	5	VDOP max	2.1
		Monitor status	Not monitored	RMS	8.1
		Horz SD		Vert SD	
		Start wk 1577 sec 496395.0		End wk 1577 sec 496400.0	

  

GPSQC2	NM	Ttl satellites	10	Err Scale	0.0045634918
		VCV xx	0.0000038304	VCV xy	0.0000037796
		VCV xz	-0.0000008915	VCV yy	0.0000105376
		VCV yz	-0.0000031716	VCV zz	0.0000044105

  

PT DGN	SO	Name	20602	To the Point
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GRID D	SO	Delta N	0.012	Delta E	-0.372
		Delta Elv	0.010		

  

GPSVEC	SO	Point ID 520601	DX 1346.861	DY -2736.575
		Class Stake out	DZ -2519.355	Code 20601
		Obs L1 Fixed	H.pr 0.016	V.pr 0.033

  

GPSQC1	NM	Min SVs	10	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	13.2
		Horz SD		Vert SD	
		Start wk 1577 sec 496463.0		End wk 1577 sec 496468.0	

  

GPSQC2	NM	Ttl satellites	10	Err Scale	0.0041992161
		VCV xx	0.0000025344	VCV xy	0.0000023112
		VCV xz	-0.0000003904	VCV yy	0.0000076327
		VCV yz	-0.0000021544	VCV zz	0.000003507

  

PT DGN	SO	Name	20601	To the Point
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GRID D	SO	Delta N	-0.123	Delta E	0.313
		Delta Elv	0.014		

  

GPSVEC	SO	Point ID 560001	DX 1336.204	DY -2780.150
		Class Stake out	DZ -2575.766	Code 60001
		Obs L1 Fixed	H.pr 0.015	V.pr 0.030

  

GPSQC1	NM	Min SVs	10	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	9.0
		Horz SD		Vert SD	
		Start wk 1577 sec 496548.0		End wk 1577 sec 496553.0	

GPSQC2	NM	Ttl satellites 10		Err Scale 0.0039007559
		VCV xx 0.0000022101		VCV xy 0.0000020163
		VCV xz -0.0000003718		VCV yy 0.0000066517
		VCV yz -0.0000018775		VCV zz 0.0000029675
PT DGN	SO	Name 60001		To the Point
GRID D	SO	Delta N 0.095		Delta E -0.077
		Delta Elv -0.076		
GPSVEC	SO	Point ID 520596	DX 1344.295	DY -2816.171
		Class Stake out	DZ -2612.692	Code 20596
		Obs L1 Fixed	H.pr 0.018	V.pr 0.037
GPSQC1	NM	Min SVs 10		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 1577 sec 496605.0		End wk 1577 sec 496610.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0047215289
		VCV xx 0.0000032298		VCV xy 0.0000029449
		VCV xz -0.0000005532		VCV yy 0.0000098037
		VCV yz -0.0000027219		VCV zz 0.000004309
PT DGN	SO	Name 20596		To the Point
GRID D	SO	Delta N 0.043		Delta E 0.117
		Delta Elv 0.027		
GPSVEC	SO	Point ID 520011	DX 1350.459	DY -2832.220
		Class Stake out	DZ -2627.409	Code 20011
		Obs L1 Fixed	H.pr 0.016	V.pr 0.032
GPSQC1	NM	Min SVs 10		PDOP max 1.7
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 1.5
		Monitor status Not monitored		RMS 9.0
		Horz SD		Vert SD
		Start wk 1577 sec 496660.0		End wk 1577 sec 496665.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0041657011
		VCV xx 0.0000025218		VCV xy 0.0000023009
		VCV xz -0.0000004507		VCV yy 0.0000076662
		VCV yz -0.0000021106		VCV zz 0.0000033098
PT DGN	SO	Name 20011		To the Point
GRID D	SO	Delta N -0.022		Delta E 0.248
		Delta Elv 0.025		
GPSVEC	SO	Point ID 520010	DX 1365.115	DY -2858.718
		Class Stake out	DZ -2649.927	Code 20010
		Obs L1 Fixed	H.pr 0.018	V.pr 0.036
GPSQC1	NM	Min SVs 10		PDOP max 1.7
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 6		VDOP max 1.5
		Monitor status Not monitored		RMS 10.0
		Horz SD		Vert SD
		Start wk 1577 sec 496723.0		End wk 1577 sec 496728.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0045790719
		VCV xx 0.0000030714		VCV xy 0.000002826
		VCV xz -0.0000005986		VCV yy 0.0000093083
		VCV yz -0.0000025669		VCV zz 0.0000039117
PT DGN	SO	Name 20010		To the Point
GRID D	SO	Delta N 0.068		Delta E 0.217
		Delta Elv 0.061		
GPSVEC	SO	Point ID 520009	DX 1384.645	DY -2890.442
		Class Stake out	DZ -2676.718	Code 20009
		Obs L1 Fixed	H.pr 0.015	V.pr 0.031
GPSQC1	NM	Min SVs 10		PDOP max 2.3
		Relative DOPs Yes		HDOP max 1.0
		Total GPS pos 6		VDOP max 2.1
		Monitor status Not monitored		RMS 10.4
		Horz SD		Vert SD
		Start wk 1577 sec 496774.0		End wk 1577 sec 496779.0
GPSQC2	NM	Ttl satellites 10		Err Scale 0.0037337199
		VCV xx 0.0000025004		VCV xy 0.0000024327
		VCV xz -0.0000005913		VCV yy 0.0000072642
		VCV yz -0.0000020408		VCV zz 0.0000028514
PT DGN	SO	Name 20009		To the Point
GRID D	SO	Delta N 0.080		Delta E 0.063
		Delta Elv 0.031		
GPSVEC	SO	Point ID 520008	DX 1412.175	DY -2931.380
		Class Stake out	DZ -2711.042	Code 20008
		Obs L1 Fixed	H.pr 0.015	V.pr 0.031

GPSQC1	NM	Min SVs	10	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	9.1
		Horz SD		Vert SD	
		Start wk 1577 sec	496821.0	End wk 1577 sec	496826.0

GPSQC2	NM	Ttl satellites	10	Err Scale	0.0039285477
		VCV xx	0.0000022391	VCV xy	0.0000020679
		VCV xz	-0.0000004573	VCV yy	0.0000069042
		VCV yz	-0.0000018769	VCV zz	0.0000028039

PT DGN	SO	Name	20008	To the Point	
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GRID D	SO	Delta N	0.188	Delta E	0.035
		Delta Elv	0.001		

GPSVEC	SO	Point ID 520007	DX 1429.929	DY	-2950.640
		Class Stake out	DZ -2724.294	Code	20007
		Obs L1 Fixed	H.pr 0.017	V.pr	0.034

GPSQC1	NM	Min SVs	10	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.6
		Total GPS pos	6	VDOP max	1.2
		Monitor status	Not monitored	RMS	8.3
		Horz SD		Vert SD	
		Start wk 1577 sec	496876.0	End wk 1577 sec	496881.0

GPSQC2	NM	Ttl satellites	10	Err Scale	0.0046577719
		VCV xx	0.0000027328	VCV xy	0.000002507
		VCV xz	-0.0000005655	VCV yy	0.0000084997
		VCV yz	-0.0000022791	VCV zz	0.0000034176

PT DGN	SO	Name	20007	To the Point	
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GRID D	SO	Delta N	-0.198	Delta E	-0.148
		Delta Elv	-0.055		

GPSVEC	SO	Point ID 521882	DX 1479.872	DY	-2216.441
		Class Stake out	DZ -1842.097	Code	21882
		Obs L1 Fixed	H.pr 0.020	V.pr	0.039

GPSQC1	NM	Min SVs	9	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 1577 sec	497454.0	End wk 1577 sec	497459.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0049054157
		VCV xx	0.0000025335	VCV xy	0.0000025292
		VCV xz	-0.0000007655	VCV yy	0.0000133499
		VCV yz	-0.000003666	VCV zz	0.000003401

PT DGN	SO	Name	21882	To the Point	
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GRID D	SO	Delta N	0.028	Delta E	-0.026
		Delta Elv	0.079		

GPSVEC	SO	Point ID 521883	DX 1463.851	DY	-2214.713
		Class Stake out	DZ -1849.754	Code	21883
		Obs L1 Fixed	H.pr 0.018	V.pr	0.034

GPSQC1	NM	Min SVs	9	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	5	VDOP max	1.5
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1577 sec	497569.0	End wk 1577 sec	497574.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0044400427
		VCV xx	0.0000022286	VCV xy	0.0000028504
		VCV xz	-0.0000009472	VCV yy	0.0000108083
		VCV yz	-0.0000031237	VCV zz	0.000002363

PT DGN	SO	Name	21883	To the Point	
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GRID D	SO	Delta N	0.329	Delta E	0.167
		Delta Elv	0.079		

GPSVEC	SO	Point ID 521884	DX 1451.308	DY	-2203.112
		Class Stake out	DZ -1841.482	Code	21884
		Obs L1 Fixed	H.pr 0.019	V.pr	0.038

GPSQC1	NM	Min SVs	9	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	11.8
		Horz SD		Vert SD	
		Start wk 1577 sec	497621.0	End wk 1577 sec	497626.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0049248906
		VCV xx	0.0000025082	VCV xy	0.0000024147
		VCV xz	-0.000000764	VCV yy	0.0000130124
		VCV yz	-0.0000034524	VCV zz	0.0000031996

PT DGN	SO	Name	21884	To the Point	
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GRID D	SO	Delta N	-0.163	Delta E	-0.116
		Delta Elv	-0.036		

GPSVEC	SO	Point ID 521885	DX	1465.573	DY	-2192.546
		Class Stake out	DZ	-1821.880	Code	21885
		Obs L1 Fixed	H.pr	0.018	V.pr	0.035
GPSQC1	NM	Min SVs 9		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.5	
		Monitor status Not monitored		RMS	14.2	
		Horz SD		Vert SD		
		Start wk 1577 sec 497677.0		End wk 1577 sec 497682.0		
GPSQC2	NM	Ttl satellites 9		Err Scale	0.0045363759	
		VCV xx 0.0000021817		VCV xy	0.0000024816	
		VCV xz -0.0000008744		VCV yy	0.0000110064	
		VCV yz -0.0000028209		VCV zz	0.0000024859	
PT DGN	SO	Name 21885		To the Point		
GRID D	SO	Delta N -0.133		Delta E	0.020	
		Delta Elv 0.046				
GPSVEC	SO	Point ID 521886	DX	1471.907	DY	-2202.391
		Class Stake out	DZ	-1830.387	Code	21886
		Obs L1 Fixed	H.pr	0.020	V.pr	0.038
GPSQC1	NM	Min SVs 9		PDOP max	2.3	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 6		VDOP max	2.0	
		Monitor status Not monitored		RMS	13.5	
		Horz SD		Vert SD		
		Start wk 1577 sec 497721.0		End wk 1577 sec 497726.0		
GPSQC2	NM	Ttl satellites 9		Err Scale	0.0046863491	
		VCV xx 0.0000027853		VCV xy	0.0000033399	
		VCV xz -0.0000011072		VCV yy	0.0000135788	
		VCV yz -0.000003802		VCV zz	0.0000029432	
PT DGN	SO	Name 21886		To the Point		
GRID D	SO	Delta N 0.160		Delta E	-0.070	
		Delta Elv 0.005				
GPSVEC	SO	Point ID 521887	DX	1483.757	DY	-2202.992
		Class Stake out	DZ	-1824.384	Code	21887
		Obs L1 Fixed	H.pr	0.022	V.pr	0.043
GPSQC1	NM	Min SVs 9		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.4	
		Monitor status Not monitored		RMS	19.0	
		Horz SD		Vert SD		
		Start wk 1577 sec 497754.0		End wk 1577 sec 497759.0		
GPSQC2	NM	Ttl satellites 9		Err Scale	0.0056764847	
		VCV xx 0.0000035777		VCV xy	0.0000047371	
		VCV xz -0.0000016087		VCV yy	0.0000170515	
		VCV yz -0.0000049047		VCV zz	0.0000034597	
PT DGN	SO	Name 21887		To the Point		
GRID D	SO	Delta N -0.049		Delta E	0.177	
		Delta Elv 0.083				
GPSVEC	SO	Point ID 521888	DX	1478.591	DY	-2191.307
		Class Stake out	DZ	-1813.498	Code	21888
		Obs L1 Fixed	H.pr	0.018	V.pr	0.034
GPSQC1	NM	Min SVs 9		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.7	
		Total GPS pos 6		VDOP max	1.4	
		Monitor status Not monitored		RMS	12.5	
		Horz SD		Vert SD		
		Start wk 1577 sec 497789.0		End wk 1577 sec 497794.0		
GPSQC2	NM	Ttl satellites 9		Err Scale	0.0045156307	
		VCV xx 0.000002083		VCV xy	0.0000019881	
		VCV xz -0.0000006405		VCV yy	0.0000105534	
		VCV yz -0.0000027369		VCV zz	0.0000024764	
PT DGN	SO	Name 21888		To the Point		
GRID D	SO	Delta N 0.045		Delta E	0.074	
		Delta Elv 0.052				
GPSVEC	SO	Point ID 521837	DX	1551.507	DY	-2335.201
		Class Stake out	DZ	-1935.912	Code	21837
		Obs L1 Fixed	H.pr	0.021	V.pr	0.040
GPSQC1	NM	Min SVs 9		PDOP max	2.2	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	2.0	
		Monitor status Not monitored		RMS	15.9	
		Horz SD		Vert SD		
		Start wk 1577 sec 498040.0		End wk 1577 sec 498045.0		
GPSQC2	NM	Ttl satellites 9		Err Scale	0.0051287361	
		VCV xx 0.0000030107		VCV xy	0.0000028908	
		VCV xz -0.0000010816		VCV yy	0.0000149832	
		VCV yz -0.0000037236		VCV zz	0.0000033378	
PT DGN	SO	Name 21837		To the Point		

GRID D	SO	Delta N	0.006	Delta E	-0.191
		Delta Elv	-0.014		

  

GPSVEC	SO	Point ID 521826	DX 1538.359	DY -2362.287
		Class Stake out	DZ -1974.849	Code 21826
		Obs L1 Fixed	H.pr 0.017	V.pr 0.032

  

GPSQC1	NM	Min SVs	9	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	10.1
		Horz SD		Vert SD	
		Start wk 1577 sec 498094.0		End wk 1577 sec 498099.0	

  

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0044266973
		VCV xx	0.0000018934	VCV xy	0.0000015219
		VCV xz	-0.0000005751	VCV yy	0.000009392
		VCV yz	-0.000002156	VCV zz	0.0000021466

  

PT DGN	SO	Name	21826	To the Point
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GRID D	SO	Delta N	0.043	Delta E	-0.017
		Delta Elv	-0.037		

  

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GPSVEC	SO	Point ID 521713	DX 1524.763	DY -2389.981
		Class Stake out	DZ -2014.738	Code 21713
		Obs L1 Fixed	H.pr 0.017	V.pr 0.031

  

GPSQC1	NM	Min SVs	9	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	10.6
		Horz SD		Vert SD	
		Start wk 1577 sec 498140.0		End wk 1577 sec 498145.0	

  

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0043896302
		VCV xx	0.0000018565	VCV xy	0.0000014724
		VCV xz	-0.0000005617	VCV yy	0.0000091235
		VCV yz	-0.0000020751	VCV zz	0.0000020693

  

PT DGN	SO	Name	21713	To the Point
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GRID D	SO	Delta N	0.030	Delta E	0.299
		Delta Elv	-0.062		

  

GPSVEC	SO	Point ID 521700	DX 1511.962	DY -2417.913
		Class Stake out	DZ -2054.564	Code 21700
		Obs L1 Fixed	H.pr 0.017	V.pr 0.032

  

GPSQC1	NM	Min SVs	9	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.1
		Horz SD		Vert SD	
		Start wk 1577 sec 498188.0		End wk 1577 sec 498193.0	

  

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0045418912
		VCV xx	0.000001972	VCV xy	0.0000015198
		VCV xz	-0.0000005888	VCV yy	0.0000096445
		VCV yz	-0.0000021772	VCV zz	0.0000021779

  

PT DGN	SO	Name	21700	To the Point
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GRID D	SO	Delta N	-0.111	Delta E	-0.206
		Delta Elv	-0.026		

  

GPSVEC	SO	Point ID 521566	DX 1498.565	DY -2445.784
		Class Stake out	DZ -2094.582	Code 21566
		Obs L1 Fixed	H.pr 0.020	V.pr 0.037

  

GPSQC1	NM	Min SVs	9	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 1577 sec 498229.0		End wk 1577 sec 498234.0	

  

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0052514421
		VCV xx	0.0000026136	VCV xy	0.0000019656
		VCV xz	-0.0000007697	VCV yy	0.000012763
		VCV yz	-0.0000028539	VCV zz	0.0000028654

  

PT DGN	SO	Name	21566	To the Point
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GRID D	SO	Delta N	0.022	Delta E	-0.146
		Delta Elv	-0.038		

  

GPSVEC	SO	Point ID 521553	DX 1486.494	DY -2470.796
		Class Stake out	DZ -2130.624	Code 21553
		Obs L1 Fixed	H.pr 0.023	V.pr 0.041

  

GPSQC1	NM	Min SVs	9	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	6	VDOP max	1.3
		Monitor status	Not monitored	RMS	12.0
		Horz SD		Vert SD	
		Start wk 1577 sec 498290.0		End wk 1577 sec 498295.0	

GPSQC2	NM	Ttl satellites 9	Err Scale 0.0059412909
		VCV xx 0.0000033395	VCV xy 0.0000025021
		VCV xz -0.0000010044	VCV yy 0.0000160686
		VCV yz -0.0000034999	VCV zz 0.0000035666
PT DGN	SO	Name 21553	To the Point
GRID D	SO	Delta N -0.041	Delta E -0.049
		Delta Elv 0.021	
GPSVEC	SO	Point ID 521551 DX 1467.402 DY -2490.918	
		Class Stake out DZ -2164.935 Code 21551	
		Obs L1 Fixed H.pr 0.018 V.pr 0.032	
GPSQC1	NM	Min SVs 9 PDOP max 1.5	
		Relative DOPs Yes HDOP max 0.7	
		Total GPS pos 6 VDOP max 1.3	
		Monitor status Not monitored RMS 9.3	
		Horz SD Vert SD	
		Start wk 1577 sec 498352.0 End wk 1577 sec 498357.0	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.0046357112
		VCV xx 0.000002016	VCV xy 0.0000015073
		VCV xz -0.0000006185	VCV yy 0.0000096349
		VCV yz -0.0000020677	VCV zz 0.0000021076
PT DGN	SO	Name 21551	To the Point
GRID D	SO	Delta N -0.027	Delta E 0.234
		Delta Elv -0.058	
GPSVEC	SO	Point ID 521552 DX 1530.581 DY -2494.924	
		Class Stake out DZ -2133.707 Code 21552	
		Obs L1 Fixed H.pr 0.018 V.pr 0.033	
GPSQC1	NM	Min SVs 9 PDOP max 1.5	
		Relative DOPs Yes HDOP max 0.7	
		Total GPS pos 6 VDOP max 1.3	
		Monitor status Not monitored RMS 10.2	
		Horz SD Vert SD	
		Start wk 1577 sec 498427.0 End wk 1577 sec 498432.0	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.0047875107
		VCV xx 0.0000021242	VCV xy 0.000001533
		VCV xz -0.000000065	VCV yy 0.0000100762
		VCV yz -0.0000021064	VCV zz 0.0000021843
PT DGN	SO	Name 21552	To the Point
GRID D	SO	Delta N 0.021	Delta E -0.228
		Delta Elv -0.078	
GPSVEC	SO	Point ID 521567 DX 1543.537 DY -2467.105	
		Class Stake out DZ -2094.209 Code 21567	
		Obs L1 Fixed H.pr 0.019 V.pr 0.031	
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 13.0	
		Horz SD Vert SD	
		Start wk 1577 sec 499287.0 End wk 1577 sec 499292.0	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.0052558584
		VCV xx 0.00000176	VCV xy -0.0000007574
		VCV xz -0.0000002157	VCV yy 0.0000074179
		VCV yz -0.0000007789	VCV zz 0.0000047405
PT DGN	SO	Name 21567	To the Point
GRID D	SO	Delta N 0.029	Delta E 0.087
		Delta Elv -0.061	
GPSVEC	SO	Point ID 521699 DX 1556.656 DY -2439.305	
		Class Stake out DZ -2054.426 Code 21699	
		Obs L1 Fixed H.pr 0.022 V.pr 0.036	
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 17.2	
		Horz SD Vert SD	
		Start wk 1577 sec 499352.0 End wk 1577 sec 499357.0	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.0060937521
		VCV xx 0.0000022624	VCV xy -0.0000012743
		VCV xz -0.0000002654	VCV yy 0.0000097354
		VCV yz -0.0000011736	VCV zz 0.0000064247
PT DGN	SO	Name 21699	To the Point
GRID D	SO	Delta N -0.226	Delta E 0.247
		Delta Elv -0.041	
GPSVEC	SO	Point ID 521714 DX 1570.138 DY -2411.879	
		Class Stake out DZ -2014.880 Code 21714	
		Obs L1 Fixed H.pr 0.020 V.pr 0.037	



GPSQC1	NM	Min SVs	8	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	13	VDOP max	1.4
		Monitor status	Not monitored	RMS	12.5
		Horz SD		Vert SD	
		Start wk 1577 sec	499449.0	End wk 1577 sec	499461.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0069268895
		VCV xx	0.0000021729	VCV xy	-0.0000001259
		VCV xz	-0.0000000937	VCV yy	0.000011382
		VCV yz	-0.0000003982	VCV zz	0.0000049705
PT DGN	SO	Name	21714	To the Point	
GRID D	SO	Delta N	-0.183	Delta E	-0.081
		Delta Elv	-0.011		
GPSVEC	SO	Point ID 521825		DY	-2384.501
		Class Stake out		Code	21825
		Obs L1 Fixed		V.pr	0.039
			H.pr 0.022		
GPSQC1	NM	Min SVs	8	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	12	VDOP max	1.4
		Monitor status	Not monitored	RMS	9.4
		Horz SD		Vert SD	
		Start wk 1577 sec	499508.0	End wk 1577 sec	499519.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0070905518
		VCV xx	0.0000024392	VCV xy	-0.000000163
		VCV xz	-0.0000000981	VCV yy	0.0000124696
		VCV yz	-0.0000002972	VCV zz	0.0000054211
PT DGN	SO	Name	21825	To the Point	
GRID D	SO	Delta N	0.038	Delta E	-0.300
		Delta Elv	0.005		
GPSVEC	SO	Point ID 521838		DY	-2356.984
		Class Stake out		Code	21838
		Obs L1 Fixed		V.pr	0.031
			H.pr 0.017		
GPSQC1	NM	Min SVs	8	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	14	VDOP max	1.4
		Monitor status	Not monitored	RMS	12.6
		Horz SD		Vert SD	
		Start wk 1577 sec	499563.0	End wk 1577 sec	499576.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0060822368
		VCV xx	0.0000015359	VCV xy	-0.0000001146
		VCV xz	-0.0000000042	VCV yy	0.0000079265
		VCV yz	-0.0000001312	VCV zz	0.0000033262
PT DGN	SO	Name	21838	To the Point	
GRID D	SO	Delta N	0.052	Delta E	-0.375
		Delta Elv	-0.036		
GPSVEC	SO	Point ID 521869		DY	-2334.610
		Class Stake out		Code	21869
		Obs L1 Fixed		V.pr	0.035
			H.pr 0.020		
GPSQC1	NM	Min SVs	8	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	12	VDOP max	1.4
		Monitor status	Not monitored	RMS	10.2
		Horz SD		Vert SD	
		Start wk 1577 sec	499619.0	End wk 1577 sec	499630.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0064312909
		VCV xx	0.0000019698	VCV xy	-0.0000001306
		VCV xz	-0.0000000504	VCV yy	0.0000101637
		VCV yz	-0.0000000273	VCV zz	0.0000041504
PT DGN	SO	Name	21869	To the Point	
GRID D	SO	Delta N	-0.192	Delta E	0.346
		Delta Elv	0.046		
GPSVEC	SO	Point ID 521868		DY	-2359.612
		Class Stake out		Code	21868
		Obs L1 Fixed		V.pr	0.039
			H.pr 0.022		
GPSQC1	NM	Min SVs	8	PDOP max	1.6
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	15	VDOP max	1.4
		Monitor status	Not monitored	RMS	10.8
		Horz SD		Vert SD	
		Start wk 1577 sec	499673.0	End wk 1577 sec	499687.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.008169164
		VCV xx	0.0000025439	VCV xy	-0.0000002178
		VCV xz	-0.0000000419	VCV yy	0.0000132904
		VCV yz	0.0000000188	VCV zz	0.0000052396
PT DGN	SO	Name	21868	To the Point	
GRID D	SO	Delta N	-0.008	Delta E	0.221
		Delta Elv	-0.084		

GPSVEC	SO	Point ID 521839	DX	1641.574	DY	-2378.307
		Class Stake out	DZ	-1935.568	Code	21839
		Obs L1 Fixed	H.pr	0.018	V.pr	0.031
GPSQC1	NM	Min SVs 8		PDOP max	2.2	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 14		VDOP max	1.9	
		Monitor status Not monitored		RMS	13.6	
		Horz SD		Vert SD		
		Start wk 1577 sec 499715.0		End wk 1577 sec 499729.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0063115475	
		VCV xx 0.0000016132		VCV xy	-0.0000001112	
		VCV xz 0.0000000048		VCV yy	0.0000084641	
		VCV yz 0.0000000465		VCV zz	0.0000032118	
PT DGN	SO	Name 21839		To the Point		
GRID D	SO	Delta N -0.280		Delta E -0.037		
		Delta Elv -0.007				
GPSVEC	SO	Point ID 521824	DX	1628.302	DY	-2405.854
		Class Stake out	DZ	-1975.060	Code	21824
		Obs L1 Fixed	H.pr	0.021	V.pr	0.035
GPSQC1	NM	Min SVs 8		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 14		VDOP max	1.4	
		Monitor status Not monitored		RMS	11.7	
		Horz SD		Vert SD		
		Start wk 1577 sec 499762.0		End wk 1577 sec 499775.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0072275354	
		VCV xx 0.000002092		VCV xy	-0.000000149	
		VCV xz 0.0000000043		VCV yy	0.000011062	
		VCV yz 0.0000001617		VCV zz	0.0000040946	
PT DGN	SO	Name 21824		To the Point		
GRID D	SO	Delta N -0.356		Delta E 0.050		
		Delta Elv -0.059				
GPSVEC	SO	Point ID 521715	DX	1615.109	DY	-2433.738
		Class Stake out	DZ	-2015.208	Code	21715
		Obs L1 Fixed	H.pr	0.018	V.pr	0.031
GPSQC1	NM	Min SVs 8		PDOP max	1.6	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 9		VDOP max	1.4	
		Monitor status Not monitored		RMS	11.2	
		Horz SD		Vert SD		
		Start wk 1577 sec 499808.0		End wk 1577 sec 499816.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0052601714	
		VCV xx 0.0000016565		VCV xy	-0.0000001029	
		VCV xz 0.000000025		VCV yy	0.0000087718	
		VCV yz 0.0000001592		VCV zz	0.0000031467	
PT DGN	SO	Name 21715		To the Point		
GRID D	SO	Delta N 0.257		Delta E -0.080		
		Delta Elv -0.009				
GPSVEC	SO	Point ID 521698	DX	1601.888	DY	-2461.140
		Class Stake out	DZ	-2054.540	Code	21698
		Obs L1 Fixed	H.pr	0.020	V.pr	0.034
GPSQC1	NM	Min SVs 8		PDOP max	2.2	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 11		VDOP max	1.9	
		Monitor status Not monitored		RMS	13.1	
		Horz SD		Vert SD		
		Start wk 1577 sec 499858.0		End wk 1577 sec 499868.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0059828064	
		VCV xx 0.0000019245		VCV xy	-0.0000001154	
		VCV xz 0.0000000446		VCV yy	0.0000102984	
		VCV yz 0.0000002487		VCV zz	0.0000035668	
PT DGN	SO	Name 21698		To the Point		
GRID D	SO	Delta N -0.039		Delta E 0.023		
		Delta Elv -0.050				
GPSVEC	SO	Point ID 521568	DX	1588.752	DY	-2488.816
		Class Stake out	DZ	-2094.202	Code	21568
		Obs L1 Fixed	H.pr	0.024	V.pr	0.040
GPSQC1	NM	Min SVs 8		PDOP max	1.5	
		Relative DOPs Yes		HDOP max	0.8	
		Total GPS pos 6		VDOP max	1.3	
		Monitor status Not monitored		RMS	19.4	
		Horz SD		Vert SD		
		Start wk 1577 sec 499933.0		End wk 1577 sec 499938.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0056935716	
		VCV xx 0.0000026213		VCV xy	-0.0000000665	
		VCV xz 0.0000001764		VCV yy	0.0000147535	
		VCV yz 0.0000005569		VCV zz	0.0000047624	
PT DGN	SO	Name 21568		To the Point		

GRID D	SO	Delta N	0.056	Delta E	-0.068
		Delta Elv	-0.086		

NOTE TS Time Date 04/02/2010 Time 11:52:59

GPSVEC	SO	Point ID 521569	DX 1633.788	DY -2510.367
		Class Stake out	DZ -2094.216	Code 21569
		Obs L1 Fixed	H.pr 0.025	V.pr 0.042

GPSQC1	NM	Min SVs 8	PDOP max 1.5
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 9	VDOP max 1.3
		Monitor status Not monitored	RMS 20.9
		Horz SD	Vert SD
		Start wk 1577 sec 499984.0	End wk 1577 sec 499992.0

GPSQC2	NM	Ttl satellites 8	Err Scale 0.0072131827
		VCV xx 0.0000030212	VCV xy -0.0000000321
		VCV xz -0.0000000097	VCV yy 0.0000161103
		VCV yz 0.0000011913	VCV zz 0.0000054775

PT DGN	SO	Name	21569	To the Point
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GRID D	SO	Delta N	0.062	Delta E	0.007
		Delta Elv	-0.065		

GPSVEC	SO	Point ID 521697	DX 1646.936	DY -2482.638
		Class Stake out	DZ -2054.432	Code 21697
		Obs L1 Fixed	H.pr 0.049	V.pr 0.082

GPSQC1	NM	Min SVs 8	PDOP max 1.5
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 5	VDOP max 1.3
		Monitor status Not monitored	RMS 11.5
		Horz SD	Vert SD
		Start wk 1577 sec 500031.0	End wk 1577 sec 500035.0

GPSQC2	NM	Ttl satellites 8	Err Scale 0.0109420791
		VCV xx 0.0000113136	VCV xy -0.0000007177
		VCV xz 0.0000004442	VCV yy 0.0000625184
		VCV yz 0.0000029409	VCV zz 0.0000197132

PT DGN	SO	Name	21697	To the Point
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GRID D	SO	Delta N	-0.162	Delta E	0.110
		Delta Elv	-0.003		

GPSVEC	SO	Point ID 521716	DX 1660.432	DY -2455.327
		Class Stake out	DZ -2014.904	Code 21716
		Obs L1 Fixed	H.pr 0.027	V.pr 0.045

GPSQC1	NM	Min SVs 8	PDOP max 1.5
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 11	VDOP max 1.3
		Monitor status Not monitored	RMS 22.8
		Horz SD	Vert SD
		Start wk 1577 sec 500068.0	End wk 1577 sec 500078.0

GPSQC2	NM	Ttl satellites 8	Err Scale 0.0085520158
		VCV xx 0.0000034004	VCV xy -0.0000003257
		VCV xz 0.000000164	VCV yy 0.0000191318
		VCV yz 0.0000007535	VCV zz 0.0000058181

PT DGN	SO	Name	21716	To the Point
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GRID D	SO	Delta N	-0.047	Delta E	-0.280
		Delta Elv	-0.069		

GPSVEC	SO	Point ID 521823	DX 1673.362	DY -2427.636
		Class Stake out	DZ -1975.265	Code 21823
		Obs L1 Fixed	H.pr 0.023	V.pr 0.037

GPSQC1	NM	Min SVs 8	PDOP max 1.5
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 6	VDOP max 1.3
		Monitor status Not monitored	RMS 11.2
		Horz SD	Vert SD
		Start wk 1577 sec 500112.0	End wk 1577 sec 500117.0

GPSQC2	NM	Ttl satellites 8	Err Scale 0.0054673655
		VCV xx 0.0000024145	VCV xy -0.0000000399
		VCV xz 0.0000001579	VCV yy 0.0000133916
		VCV yz 0.0000006118	VCV zz 0.0000039011

PT DGN	SO	Name	21823	To the Point
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GRID D	SO	Delta N	-0.079	Delta E	0.004
		Delta Elv	0.007		

GPSVEC	SO	Point ID 521840	DX 1686.417	DY -2400.091
		Class Stake out	DZ -1935.791	Code 21840
		Obs L1 Fixed	H.pr 0.020	V.pr 0.032

GPSQC1	NM	Min SVs 8	PDOP max 1.5
		Relative DOPs Yes	HDOP max 0.8
		Total GPS pos 9	VDOP max 1.3
		Monitor status Not monitored	RMS 10.8
		Horz SD	Vert SD
		Start wk 1577 sec 500156.0	End wk 1577 sec 500164.0

GPSQC2	NM	Ttl satellites 8		Err Scale 0.0056120544
		VCV xx 0.0000017405		VCV xy 0.0000000174
		VCV xz 0.0000001277		VCV yy 0.00000099044
		VCV yz 0.0000005445		VCV zz 0.0000027671
PT DGN	SO	Name 21840		To the Point
GRID D	SO	Delta N 0.068		Delta E 0.113
		Delta Elv -0.006		
GPSVEC	SO	Point ID 521867	DX 1695.386	DY -2381.519
		Class Stake out	DZ -1909.106	Code 21867
		Obs L1 Fixed	H.pr 0.024	V.pr 0.040
GPSQC1	NM	Min SVs 8		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 19		VDOP max 1.3
		Monitor status Not monitored		RMS 21.3
		Horz SD		Vert SD
		Start wk 1577 sec 500191.0		End wk 1577 sec 500209.0
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0099600377
		VCV xx 0.0000026683		VCV xy 0.0000006121
		VCV xz 0.000000156		VCV yy 0.000015689
		VCV yz 0.0000016644		VCV zz 0.0000041741
PT DGN	SO	Name 21867		To the Point
GRID D	SO	Delta N 0.404		Delta E 0.035
		Delta Elv -0.008		
GPSVEC	SO	Point ID 521866	DX 1740.732	DY -2403.105
		Class Stake out	DZ -1908.804	Code 21866
		Obs L1 Fixed	H.pr 0.021	V.pr 0.035
GPSQC1	NM	Min SVs 9		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 11		VDOP max 1.3
		Monitor status Not monitored		RMS 18.1
		Horz SD		Vert SD
		Start wk 1577 sec 500243.0		End wk 1577 sec 500253.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0068530445
		VCV xx 0.0000022144		VCV xy 0.0000006284
		VCV xz 0.0000002832		VCV yy 0.000012686
		VCV yz 0.0000006482		VCV zz 0.000001952
PT DGN	SO	Name 21866		To the Point
GRID D	SO	Delta N 0.094		Delta E -0.184
		Delta Elv 0.000		
GPSVEC	SO	Point ID 521841	DX 1731.499	DY -2421.818
		Class Stake out	DZ -1935.679	Code 21841
		Obs L1 Fixed	H.pr 0.020	V.pr 0.033
GPSQC1	NM	Min SVs 9		PDOP max 2.1
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 9		VDOP max 1.8
		Monitor status Not monitored		RMS 11.9
		Horz SD		Vert SD
		Start wk 1577 sec 500282.0		End wk 1577 sec 500290.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0056684315
		VCV xx 0.0000020214		VCV xy 0.0000001534
		VCV xz 0.0000002221		VCV yy 0.0000113632
		VCV yz 0.0000004307		VCV zz 0.0000019246
PT DGN	SO	Name 21841		To the Point
GRID D	SO	Delta N 0.053		Delta E 0.071
		Delta Elv -0.078		
GPSVEC	SO	Point ID 521822	DX 1718.270	DY -2449.091
		Class Stake out	DZ -1975.069	Code 21822
		Obs L1 Fixed	H.pr 0.024	V.pr 0.039
GPSQC1	NM	Min SVs 9		PDOP max 1.4
		Relative DOPs Yes		HDOP max 0.8
		Total GPS pos 13		VDOP max 1.2
		Monitor status Not monitored		RMS 20.5
		Horz SD		Vert SD
		Start wk 1577 sec 500665.0		End wk 1577 sec 500677.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0086960737
		VCV xx 0.0000031476		VCV xy -0.0000001418
		VCV xz -0.0000000322		VCV yy 0.000016146
		VCV yz 0.0000012116		VCV zz 0.0000027447
PT DGN	SO	Name 21822		To the Point
GRID D	SO	Delta N -0.262		Delta E 0.237
		Delta Elv -0.030		
GPSVEC	SO	Point ID 521717	DX 1704.771	DY -2476.618
		Class Stake out	DZ -2014.862	Code 21717
		Obs L1 Fixed	H.pr 0.022	V.pr 0.035

GPSQC1	NM	Min SVs	9	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	9	VDOP max	1.7
		Monitor status	Not monitored	RMS	26.0
		Horz SD		Vert SD	
		Start wk 1577 sec	500727.0	End wk 1577 sec	500738.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0072075967
		VCV xx	0.0000024761	VCV xy	0.0000002891
		VCV xz	0.0000002027	VCV yy	0.0000130455
		VCV yz	0.0000005828	VCV zz	0.000001978

PT DGN	SO	Name	21717	To the Point	
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GRID D	SO	Delta N	-0.047	Delta E	0.537
		Delta Elv	-0.075		

GPSVEC	SO	Point ID 521696	DX 1692.157	DY -2504.429	
		Class Stake out	DZ -2054.388	Code 21696	
		Obs L1 Fixed	H.pr 0.026	V.pr 0.041	

GPSQC1	NM	Min SVs	9	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	17	VDOP max	1.2
		Monitor status	Not monitored	RMS	22.0
		Horz SD		Vert SD	
		Start wk 1577 sec	500790.0	End wk 1577 sec	500806.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.010351669
		VCV xx	0.0000032663	VCV xy	0.0000001107
		VCV xz	0.0000003124	VCV yy	0.0000178341
		VCV yz	0.0000006309	VCV zz	0.0000027233

PT DGN	SO	Name	21696	To the Point	
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GRID D	SO	Delta N	-0.124	Delta E	-0.084
		Delta Elv	-0.086		

GPSVEC	SO	Point ID 521570	DX 1679.160	DY -2531.959	
		Class Stake out	DZ -2094.257	Code 21570	
		Obs L1 Fixed	H.pr 0.019	V.pr 0.031	

GPSQC1	NM	Min SVs	9	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	11	VDOP max	1.7
		Monitor status	Not monitored	RMS	14.4
		Horz SD		Vert SD	
		Start wk 1577 sec	500855.0	End wk 1577 sec	500865.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0061511146
		VCV xx	0.0000017964	VCV xy	0.0000000255
		VCV xz	0.0000001671	VCV yy	0.0000104359
		VCV yz	0.0000003041	VCV zz	0.0000013961

PT DGN	SO	Name	21570	To the Point	
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GRID D	SO	Delta N	0.027	Delta E	-0.240
		Delta Elv	-0.013		

GPSVEC	SO	Point ID 521571	DX 1724.044	DY -2553.181	
		Class Stake out	DZ -2094.225	Code 21571	
		Obs L1 Fixed	H.pr 0.021	V.pr 0.033	

GPSQC1	NM	Min SVs	9	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	8	VDOP max	1.2
		Monitor status	Not monitored	RMS	16.7
		Horz SD		Vert SD	
		Start wk 1577 sec	500904.0	End wk 1577 sec	500911.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0060934345
		VCV xx	0.0000020595	VCV xy	-0.0000003997
		VCV xz	0.0000001201	VCV yy	0.0000124766
		VCV yz	0.0000003571	VCV zz	0.0000016849

PT DGN	SO	Name	21571	To the Point	
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GRID D	SO	Delta N	-0.141	Delta E	0.112
		Delta Elv	-0.054		

GPSVEC	SO	Point ID 521695	DX 1737.315	DY -2526.034	
		Class Stake out	DZ -2054.390	Code 21695	
		Obs L1 Fixed	H.pr 0.025	V.pr 0.039	

GPSQC1	NM	Min SVs	9	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	17	VDOP max	1.2
		Monitor status	Not monitored	RMS	29.0
		Horz SD		Vert SD	
		Start wk 1577 sec	500947.0	End wk 1577 sec	500964.0

GPSQC2	NM	Ttl satellites	9	Err Scale	0.0103064226
		VCV xx	0.0000027807	VCV xy	-0.0000000523
		VCV xz	0.0000001271	VCV yy	0.0000166453
		VCV yz	0.0000009241	VCV zz	0.0000023807

PT DGN	SO	Name	21695	To the Point	
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GRID D	SO	Delta N	-0.130	Delta E	-0.142
		Delta Elv	-0.081		

GPSVEC	SO	Point ID 521718	DX 1750.359	DY -2498.182
		Class Stake out	DZ -2014.548	Code 21718
		Obs L1 Fixed	H.pr 0.022	V.pr 0.035
GPSQC1	NM	Min SVs 9	PDOP max 1.4	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 11	VDOP max 1.2	
		Monitor status Not monitored	RMS 14.9	
		Horz SD	Vert SD	
		Start wk 1577 sec 500995.0	End wk 1577 sec 501005.0	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.0074467156	
		VCV xx 0.0000022415	VCV xy 0.0000000835	
		VCV xz 0.0000000917	VCV yy 0.000013667	
		VCV yz 0.0000008953	VCV zz 0.0000019812	
PT DGN	SO	Name 21718	To the Point	
GRID D	SO	Delta N -0.441	Delta E 0.108	
		Delta Elv -0.015		
GPSVEC	SO	Point ID 521821	DX 1763.722	DY -2471.142
		Class Stake out	DZ -1975.353	Code 21821
		Obs L1 Fixed	H.pr 0.025	V.pr 0.038
GPSQC1	NM	Min SVs 9	PDOP max 1.4	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 10	VDOP max 1.2	
		Monitor status Not monitored	RMS 27.7	
		Horz SD	Vert SD	
		Start wk 1577 sec 501134.0	End wk 1577 sec 501143.0	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.00785203	
		VCV xx 0.000002513	VCV xy -0.0000006298	
		VCV xz 0.0000003332	VCV yy 0.0000165298	
		VCV yz 0.0000001184	VCV zz 0.0000021373	
PT DGN	SO	Name 21821	To the Point	
GRID D	SO	Delta N 0.122	Delta E -0.279	
		Delta Elv -0.069		
GPSVEC	SO	Point ID 521842	DX 1776.389	DY -2443.635
		Class Stake out	DZ -1935.887	Code 21842
		Obs L1 Fixed	H.pr 0.023	V.pr 0.032
GPSQC1	NM	Min SVs 8	PDOP max 1.4	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 7	VDOP max 1.1	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1577 sec 501278.0	End wk 1577 sec 501284.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0057767415	
		VCV xx 0.0000020945	VCV xy -0.0000001817	
		VCV xz -0.000000067	VCV yy 0.0000123846	
		VCV yz 0.0000008447	VCV zz 0.0000016638	
PT DGN	SO	Name 21842	To the Point	
GRID D	SO	Delta N 0.394	Delta E 0.164	
		Delta Elv -0.093		
GPSVEC	SO	Point ID 521865	DX 1785.465	DY -2424.649
		Class Stake out	DZ -1908.782	Code 21865
		Obs L1 Fixed	H.pr 0.027	V.pr 0.038
GPSQC1	NM	Min SVs 8	PDOP max 1.4	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 7	VDOP max 1.1	
		Monitor status Not monitored	RMS 15.8	
		Horz SD	Vert SD	
		Start wk 1577 sec 501316.0	End wk 1577 sec 501322.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0068157343	
		VCV xx 0.000002662	VCV xy -0.0000010171	
		VCV xz -0.0000001577	VCV yy 0.0000169199	
		VCV yz 0.000001431	VCV zz 0.0000027421	
PT DGN	SO	Name 21865	To the Point	
GRID D	SO	Delta N 0.144	Delta E 0.168	
		Delta Elv -0.004		
GPSVEC	SO	Point ID 521864	DX 1830.716	DY -2446.444
		Class Stake out	DZ -1908.683	Code 21864
		Obs L1 Fixed	H.pr 0.024	V.pr 0.033
GPSQC1	NM	Min SVs 8	PDOP max 1.4	
		Relative DOPs Yes	HDOP max 0.8	
		Total GPS pos 7	VDOP max 1.1	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1577 sec 501354.0	End wk 1577 sec 501360.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0059998641	
		VCV xx 0.0000022665	VCV xy -0.0000002248	
		VCV xz -0.0000000497	VCV yy 0.0000132099	
		VCV yz 0.0000007597	VCV zz 0.0000017086	
PT DGN	SO	Name 21864	To the Point	

GRID D	SO	Delta N	0.133	Delta E	-0.056
		Delta Elv	-0.060		
GPSVEC	SO	Point ID 521843	DX 1821.757	DY -2465.017	
		Class Stake out	DZ -1935.355	Code 21843	
		Obs L1 Fixed	H.pr 0.023	V.pr 0.032	
GPSQC1	NM	Min SVs	8	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	21.4
		Horz SD		Vert SD	
		Start wk 1577 sec 501396.0		End wk 1577 sec 501402.0	
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0057812436
		VCV xx	0.0000020642	VCV xy	-0.0000001593
		VCV xz	-0.0000000257	VCV yy	0.0000122436
		VCV yz	0.0000006603	VCV zz	0.0000015306
PT DGN	SO	Name	21843	To the Point	
GRID D	SO	Delta N	-0.216	Delta E	0.013
		Delta Elv	-0.063		
GPSVEC	SO	Point ID 521820	DX 1808.422	DY -2492.700	
		Class Stake out	DZ -1975.479	Code 21820	
		Obs L1 Fixed	H.pr 0.032	V.pr 0.044	
GPSQC1	NM	Min SVs	8	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.8
		Total GPS pos	16	VDOP max	1.1
		Monitor status	Not monitored	RMS	30.3
		Horz SD		Vert SD	
		Start wk 1577 sec 501464.0		End wk 1577 sec 501479.0	
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0118427193
		VCV xx	0.0000037187	VCV xy	0.000001335
		VCV xz	-0.0000000306	VCV yy	0.0000245386
		VCV yz	0.0000019004	VCV zz	0.0000026222
PT DGN	SO	Name	21820	To the Point	
GRID D	SO	Delta N	0.307	Delta E	0.096
		Delta Elv	-0.064		
GPSVEC	SO	Point ID 521719	DX 1795.350	DY -2520.170	
		Class Stake out	DZ -2014.923	Code 21719	
		Obs L1 Fixed	H.pr 0.032	V.pr 0.038	
GPSQC1	NM	Min SVs	7	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.2
		Horz SD		Vert SD	
		Start wk 1577 sec 501570.0		End wk 1577 sec 501576.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0064523942
		VCV xx	0.0000033738	VCV xy	-0.0000011473
		VCV xz	-0.0000007495	VCV yy	0.0000190687
		VCV yz	0.0000023579	VCV zz	0.0000029252
PT DGN	SO	Name	21719	To the Point	
GRID D	SO	Delta N	0.101	Delta E	0.036
		Delta Elv	-0.063		
GPSVEC	SO	Point ID 521694	DX 1782.238	DY -2547.576	
		Class Stake out	DZ -2054.583	Code 21694	
		Obs L1 Fixed	H.pr 0.023	V.pr 0.026	
GPSQC1	NM	Min SVs	7	PDOP max	1.5
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	13.2
		Horz SD		Vert SD	
		Start wk 1577 sec 501647.0		End wk 1577 sec 501653.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0048147258
		VCV xx	0.0000016901	VCV xy	-0.0000005422
		VCV xz	-0.0000003843	VCV yy	0.0000091406
		VCV yz	0.0000011137	VCV zz	0.0000013919
PT DGN	SO	Name	21694	To the Point	
GRID D	SO	Delta N	0.045	Delta E	0.037
		Delta Elv	-0.017		
GPSVEC	SO	Point ID 521572	DX 1769.185	DY -2574.677	
		Class Stake out	DZ -2094.630	Code 21572	
		Obs L1 Fixed	H.pr 0.028	V.pr 0.032	
GPSQC1	NM	Min SVs	7	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.1
		Monitor status	Not monitored	RMS	12.8
		Horz SD		Vert SD	
		Start wk 1577 sec 501692.0		End wk 1577 sec 501698.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0058910968
		VCV xx	0.0000023373	VCV xy	0.0000001418
		VCV xz	-0.0000003944	VCV yy	0.0000141321
		VCV yz	0.0000014277	VCV zz	0.0000017109

PT DGN	SO	Name	21572	To the Point	
GRID D	SO	Delta N	0.124	Delta E	0.114
		Delta Elv	-0.037		
GPSVEC	SO	Point ID 521573	DX 1801.511	DY	-2622.938
		Class Stake out	DZ -2134.721	Code	21573
		Obs L1 Fixed	H.pr 0.029	V.pr	0.033
GPSQC1	NM	Min SVs 7	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	1.0	
		Total GPS pos 10	VDOP max	1.1	
		Monitor status Not monitored	RMS	14.6	
		Horz SD	Vert SD		
		Start wk 1577 sec 501738.0	End wk 1577	sec 501747.0	
GPSQC2	NM	Ttl satellites 7	Err Scale	0.0072477763	
		VCV xx 0.0000026624	VCV xy	-0.0000007772	
		VCV xz -0.0000005553	VCV yy	0.0000150138	
		VCV yz 0.0000017199	VCV zz	0.0000022018	
PT DGN	SO	Name	21573	To the Point	
GRID D	SO	Delta N	-0.060	Delta E	0.121
		Delta Elv	-0.043		
NOTE	TS	Time Date 04/02/2010 Time 12:23:08			
GPSVEC	SO	Point ID 521629	DX 1814.556	DY	-2595.909
		Class Stake out	DZ -2094.530	Code	21629
		Obs L1 Fixed	H.pr 0.036	V.pr	0.041
GPSQC1	NM	Min SVs 7	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	1.0	
		Total GPS pos 12	VDOP max	1.1	
		Monitor status Not monitored	RMS	41.5	
		Horz SD	Vert SD		
		Start wk 1577 sec 501790.0	End wk 1577	sec 501801.0	
GPSQC2	NM	Ttl satellites 7	Err Scale	0.0097434344	
		VCV xx 0.0000041505	VCV xy	-0.0000002256	
		VCV xz -0.000000804	VCV yy	0.0000230708	
		VCV yz 0.000002329	VCV zz	0.0000029492	
PT DGN	SO	Name	21629	To the Point	
GRID D	SO	Delta N	-0.216	Delta E	0.022
		Delta Elv	-0.068		
GPSVEC	SO	Point ID 521693	DX 1827.424	DY	-2569.125
		Class Stake out	DZ -2054.686	Code	21693
		Obs L1 Fixed	H.pr 0.034	V.pr	0.039
GPSQC1	NM	Min SVs 7	PDOP max	1.4	
		Relative DOPs Yes	HDOP max	0.9	
		Total GPS pos 9	VDOP max	1.1	
		Monitor status Not monitored	RMS	31.3	
		Horz SD	Vert SD		
		Start wk 1577 sec 501844.0	End wk 1577	sec 501856.0	
GPSQC2	NM	Ttl satellites 7	Err Scale	0.0097262552	
		VCV xx 0.0000033123	VCV xy	-0.0000002108	
		VCV xz -0.0000006237	VCV yy	0.0000216735	
		VCV yz 0.0000026384	VCV zz	0.000002719	
PT DGN	SO	Name	21693	To the Point	
GRID D	SO	Delta N	0.083	Delta E	-0.023
		Delta Elv	-0.055		
GPSVEC	SO	Point ID 521720	DX 1840.580	DY	-2541.755
		Class Stake out	DZ -2014.783	Code	21720
		Obs L1 Fixed	H.pr 0.025	V.pr	0.037
GPSQC1	NM	Min SVs 7	PDOP max	1.2	
		Relative DOPs Yes	HDOP max	0.7	
		Total GPS pos 31	VDOP max	1.0	
		Monitor status Not monitored	RMS	13.1	
		Horz SD	Vert SD		
		Start wk 1577 sec 501966.0	End wk 1577	sec 501996.0	
GPSQC2	NM	Ttl satellites 7	Err Scale	0.0142135713	
		VCV xx 0.0000053579	VCV xy	0.0000026882	
		VCV xz -0.0000007032	VCV yy	0.0000120274	
		VCV yz 0.0000012622	VCV zz	0.0000031283	
PT DGN	SO	Name	21720	To the Point	
GRID D	SO	Delta N	-0.049	Delta E	-0.079
		Delta Elv	-0.046		
GPSVEC	SO	Point ID 521819	DX 1853.823	DY	-2514.051
		Class Stake out	DZ -1974.974	Code	21819
		Obs L1 Fixed	H.pr 0.037	V.pr	0.059
GPSQC1	NM	Min SVs 7	PDOP max	2.1	
		Relative DOPs Yes	HDOP max	1.1	
		Total GPS pos 48	VDOP max	1.8	
		Monitor status Not monitored	RMS	53.3	
		Horz SD	Vert SD		
		Start wk 1577 sec 502047.0	End wk 1577	sec 502094.0	



GPSQC2	NM	Ttl satellites 7		Err Scale 0.0235769246
		VCV xx 0.0000119091		VCV xy 0.0000100679
		VCV xz -0.000000718		VCV yy 0.00003314
		VCV yz 0.0000015189		VCV zz 0.0000048803
PT DGN	SO	Name 21819		To the Point
GRID D	SO	Delta N -0.306		Delta E -0.072
		Delta Elv -0.037		
GPSVEC	SO	Point ID 521844	DX 1866.762	DY -2486.717
		Class Stake out	DZ -1935.666	Code 21844
		Obs L1 Fixed	H.pr 0.025	V.pr 0.043
GPSQC1	NM	Min SVs 8		PDOP max 1.5
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 23		VDOP max 1.3
		Monitor status Not monitored		RMS 29.2
		Horz SD		Vert SD
		Start wk 1577 sec 502128.0		End wk 1577 sec 502150.0
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0132456766
		VCV xx 0.0000088253		VCV xy 0.0000049346
		VCV xz -0.0000009418		VCV yy 0.0000127822
		VCV yz 0.0000004325		VCV zz 0.0000037042
PT DGN	SO	Name 21844		To the Point
GRID D	SO	Delta N 0.117		Delta E 0.051
		Delta Elv 0.032		
GPSVEC	SO	Point ID 521863	DX 1875.765	DY -2467.990
		Class Stake out	DZ -1908.435	Code 21863
		Obs L1 Fixed	H.pr 0.021	V.pr 0.036
GPSQC1	NM	Min SVs 8		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 9		VDOP max 1.1
		Monitor status Not monitored		RMS 15.2
		Horz SD		Vert SD
		Start wk 1577 sec 502181.0		End wk 1577 sec 502189.0
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0072160014
		VCV xx 0.0000072357		VCV xy 0.000003874
		VCV xz -0.0000009368		VCV yy 0.0000078971
		VCV yz 0.0000003155		VCV zz 0.0000029861
PT DGN	SO	Name 21863		To the Point
GRID D	SO	Delta N -0.079		Delta E 0.011
		Delta Elv -0.091		
GPSVEC	SO	Point ID 521862	DX 1920.880	DY -2489.796
		Class Stake out	DZ -1908.588	Code 21862
		Obs L1 Fixed	H.pr 0.024	V.pr 0.042
GPSQC1	NM	Min SVs 8		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 15		VDOP max 1.1
		Monitor status Not monitored		RMS 27.0
		Horz SD		Vert SD
		Start wk 1577 sec 502248.0		End wk 1577 sec 502262.0
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0105331326
		VCV xx 0.0000081275		VCV xy 0.0000047379
		VCV xz -0.0000009695		VCV yy 0.0000124744
		VCV yz 0.0000007171		VCV zz 0.0000036995
PT DGN	SO	Name 21862		To the Point
GRID D	SO	Delta N 0.154		Delta E -0.095
		Delta Elv -0.055		
GPSVEC	SO	Point ID 521845	DX 1911.779	DY -2508.041
		Class Stake out	DZ -1935.450	Code 21845
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047
GPSQC1	NM	Min SVs 8		PDOP max 1.3
		Relative DOPs Yes		HDOP max 0.7
		Total GPS pos 10		VDOP max 1.2
		Monitor status Not monitored		RMS 27.7
		Horz SD		Vert SD
		Start wk 1577 sec 502295.0		End wk 1577 sec 502304.0
GPSQC2	NM	Ttl satellites 8		Err Scale 0.009708683
		VCV xx 0.0000113626		VCV xy 0.0000065772
		VCV xz -0.0000012015		VCV yy 0.0000139563
		VCV yz 0.0000005214		VCV zz 0.0000048405
PT DGN	SO	Name 21845		To the Point
GRID D	SO	Delta N -0.179		Delta E 0.241
		Delta Elv 0.092		
GPSVEC	SO	Point ID 521818	DX 1898.704	DY -2535.693
		Class Stake out	DZ -1975.097	Code 21818
		Obs L1 Fixed	H.pr 0.030	V.pr 0.053

GPSQC1	NM	Min SVs	8	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	11	VDOP max	1.2
		Monitor status	Not monitored	RMS	37.0
		Horz SD		Vert SD	
		Start wk 1577 sec	502346.0	End wk 1577 sec	502356.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.011436915
		VCV xx	0.0000137678	VCV xy	0.0000085162
		VCV xz	-0.0000007354	VCV yy	0.0000177999
		VCV yz	0.0000015672	VCV zz	0.0000069776
PT DGN	SO	Name	21818	To the Point	
GRID D	SO	Delta N	-0.124	Delta E	0.105
		Delta Elv	-0.049		
GPSVEC	SO	Point ID 521721	DX 1885.462	DY	-2563.419
		Class Stake out	DZ -2015.047	Code	21721
		Obs L1 Fixed	H.pr 0.025	V.pr	0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	14	VDOP max	1.2
		Monitor status	Not monitored	RMS	25.1
		Horz SD		Vert SD	
		Start wk 1577 sec	502393.0	End wk 1577 sec	502406.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0107006747
		VCV xx	0.0000111222	VCV xy	0.0000066467
		VCV xz	-0.0000013568	VCV yy	0.0000116293
		VCV yz	0.0000003023	VCV zz	0.0000043552
PT DGN	SO	Name	21721	To the Point	
GRID D	SO	Delta N	0.258	Delta E	0.086
		Delta Elv	-0.053		
GPSVEC	SO	Point ID 521692	DX 1872.565	DY	-2590.527
		Class Stake out	DZ -2055.048	Code	21692
		Obs L1 Fixed	H.pr 0.021	V.pr	0.037
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	13	VDOP max	1.6
		Monitor status	Not monitored	RMS	30.2
		Horz SD		Vert SD	
		Start wk 1577 sec	502501.0	End wk 1577 sec	502515.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0089080594
		VCV xx	0.0000084549	VCV xy	0.0000050445
		VCV xz	-0.0000013394	VCV yy	0.0000079572
		VCV yz	-0.0000003307	VCV zz	0.0000025328
PT DGN	SO	Name	21692	To the Point	
GRID D	SO	Delta N	0.265	Delta E	0.019
		Delta Elv	0.042		
GPSVEC	SO	Point ID 521630	DX 1859.944	DY	-2617.405
		Class Stake out	DZ -2094.846	Code	21630
		Obs L1 Fixed	H.pr 0.020	V.pr	0.035
GPSQC1	NM	Min SVs	8	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	9	VDOP max	1.2
		Monitor status	Not monitored	RMS	12.1
		Horz SD		Vert SD	
		Start wk 1577 sec	502551.0	End wk 1577 sec	502559.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0068697068
		VCV xx	0.0000079893	VCV xy	0.0000044559
		VCV xz	-0.0000013271	VCV yy	0.0000065056
		VCV yz	-0.0000002965	VCV zz	0.0000024597
PT DGN	SO	Name	21630	To the Point	
GRID D	SO	Delta N	-0.085	Delta E	-0.200
		Delta Elv	-0.067		
GPSVEC	SO	Point ID 521574	DX 1846.795	DY	-2644.207
		Class Stake out	DZ -2135.083	Code	21574
		Obs L1 Fixed	H.pr 0.019	V.pr	0.034
GPSQC1	NM	Min SVs	8	PDOP max	1.3
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	8	VDOP max	1.2
		Monitor status	Not monitored	RMS	17.7
		Horz SD		Vert SD	
		Start wk 1577 sec	502597.0	End wk 1577 sec	502604.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.006232576
		VCV xx	0.0000073363	VCV xy	0.0000042028
		VCV xz	-0.000001481	VCV yy	0.0000060758
		VCV yz	-0.0000003778	VCV zz	0.0000021394
PT DGN	SO	Name	21574	To the Point	
GRID D	SO	Delta N	0.015	Delta E	0.090
		Delta Elv	0.027		

GPSVEC	SO	Point ID 521575	DX 1892.133	DY -2665.687
		Class Stake out	DZ -2135.321	Code 21575
		Obs L1 Fixed	H.pr 0.020	V.pr 0.036
GPSQC1	NM	Min SVs 8	PDOP max 1.3	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 10	VDOP max 1.2	
		Monitor status Not monitored	RMS 26.4	
		Horz SD	Vert SD	
		Start wk 1577 sec 502636.0	End wk 1577 sec 502645.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0073499749	
		VCV xx 0.0000078074	VCV xy 0.0000046899	
		VCV xz -0.0000015457	VCV yy 0.0000076086	
		VCV yz -0.0000003094	VCV zz 0.0000023213	
PT DGN	SO	Name 21575	To the Point	
GRID D	SO	Delta N 0.087	Delta E -0.079	
		Delta Elv 0.004		
GPSVEC	SO	Point ID 521631	DX 1904.912	DY -2638.810
		Class Stake out	DZ -2095.089	Code 21631
		Obs L1 Fixed	H.pr 0.024	V.pr 0.042
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 10	VDOP max 1.7	
		Monitor status Not monitored	RMS 30.8	
		Horz SD	Vert SD	
		Start wk 1577 sec 502677.0	End wk 1577 sec 502686.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0081350692	
		VCV xx 0.0000092601	VCV xy 0.000005927	
		VCV xz -0.0000014995	VCV yy 0.0000115456	
		VCV yz -0.0000000476	VCV zz 0.0000031507	
PT DGN	SO	Name 21631	To the Point	
GRID D	SO	Delta N 0.045	Delta E -0.002	
		Delta Elv -0.090		
GPSVEC	SO	Point ID 521691	DX 1917.641	DY -2611.523
		Class Stake out	DZ -2054.726	Code 21691
		Obs L1 Fixed	H.pr 0.024	V.pr 0.042
GPSQC1	NM	Min SVs 8	PDOP max 1.3	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 10	VDOP max 1.2	
		Monitor status Not monitored	RMS 20.6	
		Horz SD	Vert SD	
		Start wk 1577 sec 502725.0	End wk 1577 sec 502734.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0085067153	
		VCV xx 0.0000091889	VCV xy 0.0000060126	
		VCV xz -0.0000015199	VCV yy 0.0000113974	
		VCV yz 0.0000002104	VCV zz 0.0000032843	
PT DGN	SO	Name 21691	To the Point	
GRID D	SO	Delta N -0.306	Delta E 0.295	
		Delta Elv 0.023		
GPSVEC	SO	Point ID 521722	DX 1930.526	DY -2584.813
		Class Stake out	DZ -2014.963	Code 21722
		Obs L1 Fixed	H.pr 0.026	V.pr 0.047
GPSQC1	NM	Min SVs 8	PDOP max 1.3	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 12	VDOP max 1.2	
		Monitor status Not monitored	RMS 22.5	
		Horz SD	Vert SD	
		Start wk 1577 sec 502771.0	End wk 1577 sec 502782.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0103921089	
		VCV xx 0.0000125561	VCV xy 0.0000078059	
		VCV xz -0.0000023989	VCV yy 0.0000135668	
		VCV yz -0.0000003261	VCV zz 0.0000040842	
PT DGN	SO	Name 21722	To the Point	
GRID D	SO	Delta N 0.094	Delta E 0.202	
		Delta Elv -0.020		
GPSVEC	SO	Point ID 521817	DX 1943.379	DY -2557.008
		Class Stake out	DZ -1975.100	Code 21817
		Obs L1 Fixed	H.pr 0.020	V.pr 0.037
GPSQC1	NM	Min SVs 8	PDOP max 1.4	
		Relative DOPs Yes	HDOP max 0.7	
		Total GPS pos 9	VDOP max 1.2	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1577 sec 502815.0	End wk 1577 sec 502823.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0070395097	
		VCV xx 0.0000071872	VCV xy 0.0000044499	
		VCV xz -0.0000009116	VCV yy 0.0000081858	
		VCV yz -0.0000000353	VCV zz 0.0000026765	
PT DGN	SO	Name 21817	To the Point	

GRID D	SO	Delta N	-0.160	Delta E	0.606
		Delta Elv	0.068		
GPSVEC	SO	Point ID 521846	DX 1956.978	DY	-2529.795
		Class Stake out	DZ -1935.414	Code	21846
		Obs L1 Fixed	H.pr 0.026	V.pr	0.046
GPSQC1	NM	Min SVs	8	PDOP max	1.4
		Relative DOPs	Yes	HDOP max	0.7
		Total GPS pos	11	VDOP max	1.2
		Monitor status	Not monitored	RMS	29.0
		Horz SD		Vert SD	
		Start wk 1577 sec 502872.0		End wk 1577 sec 502882.0	
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0097048609
		VCV xx	0.0000110824	VCV xy	0.0000072816
		VCV xz	-0.0000010524	VCV yy	0.000013505
		VCV yz	-0.0000001668	VCV zz	0.0000040573
PT DGN	SO	Name	21846	To the Point	
GRID D	SO	Delta N	-0.147	Delta E	0.082
		Delta Elv	0.004		
GPSVEC	SO	Point ID 521861	DX 1965.739	DY	-2511.329
		Class Stake out	DZ -1908.566	Code	21861
		Obs L1 Fixed	H.pr 0.024	V.pr	0.040
GPSQC1	NM	Min SVs	7	PDOP max	0.9
		Relative DOPs	Yes	HDOP max	0.4
		Total GPS pos	8	VDOP max	0.7
		Monitor status	Not monitored	RMS	39.8
		Horz SD		Vert SD	
		Start wk 1577 sec 502923.0		End wk 1577 sec 502932.0	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091546625
		VCV xx	0.0000098347	VCV xy	0.0000060409
		VCV xz	-0.0000010965	VCV yy	0.0000095418
		VCV yz	-0.0000006564	VCV zz	0.0000033632
PT DGN	SO	Name	21861	To the Point	
GRID D	SO	Delta N	0.167	Delta E	0.148
		Delta Elv	-0.009		