

SC V10-70 Copyright © Trimble Navigation Ltd, 1996-2003
 Serial no 4401 27-Mar-10 17:49
 Angle Degrees Dist US Feet Press inch Hg
 Temp Fahrenheit Coord N-E-Elv H.obs Right

JOB Job ID 3-27-10 ASB
 Atmos crn No C and R crn Yes Refrac cnst 0.20
 Elev Yes Sea level crn No

NOTE TS Time Date 10/15/2009 Time 14:40:17

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

LOCELL TM Local Rad 20925604.474 Flat. 298.2572229329

DATUM TM Molodensky
 Srce Rad 20925604.474 Srce Flat 298.2572229329
 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 Projection from data collector
 Zone Name Zone from data collector
 Datum Name (WGS 84)
 Coord System Option Chosen from library

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

NOTE TS Time Date 10/20/2009 Time 19:12:51

F FILE FC File Used No
 ID 00000 Name

COGO NM Azmth From North Dir North-East

NOTE TS Time Date 01/06/2010 Time 12:41:40

NOTE TS Time Date 03/27/2010 Time 12:23:20

SURVEY KI Elev mask 10 PDOP mask 6.0

SURVEY KI Elev mask 10 PDOP mask 6.0

SURVEY KI Elev mask 10 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 1576
 Init type On the fly seconds 591830.0
 Init counter 4 Point ID <no text>
 Survey type Real Time Plate H.Dist <null>
 Plate V.Dist <null> Plate azimuth <null>

NOTE NM Following data imported from 3-25-10 Chammel BMI-N TYPE

NOTE NM IV.csv

NOTE NM Following data imported from 3-25-10 Chammel BMI-N TYPE

NOTE NM IV+supp.csv

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

NOTE NM Receiver firmware version=4.120

GPSANT KI Antenna ht 6.562 Measuremt Uncorrected

GPSVEC SO Point ID 60500045 DX 1558.437 DY -2558.949
 Class Stake out DZ -2258.445 Code 500045
 Obs L1 Fixed H.pr 0.015 V.pr 0.033

GPSQC1 NM Min SVs 13 PDOP max 1.5
 Relative DOPs Yes HDOP max 0.6
 Total GPS pos 6 VDOP max 1.3
 Monitor status Not monitored RMS 12.6
 Horz SD Vert SD
 Start wk 1576 sec 592052.2 End wk 1576 sec 592057.2

GPSQC2 NM Ttl satellites 13 Err Scale 0.0077459668
 VCV xx 0.0000582844 VCV xy 0.0000623337
 VCV xz -0.0000390641 VCV yy 0.0000912199
 VCV yz -0.0000505104 VCV zz 0.0000503848

PT DGN SO Name 500045 To the Point

GRID D SO Delta N 0.002 Delta E -0.028
 Delta Elv 0.009

GPSVEC SO Point ID 60500022 DX 1553.430 DY -2552.219
 Class Stake out DZ -2252.941 Code 500022
 Obs L1 Fixed H.pr 0.015 V.pr 0.033

GPSQC1 NM Min SVs 12 PDOP max 1.5
 Relative DOPs Yes HDOP max 0.6
 Total GPS pos 7 VDOP max 1.3
 Monitor status Not monitored RMS 9.6
 Horz SD Vert SD
 Start wk 1576 sec 592117.0 End wk 1576 sec 592122.6

GPSQC2 NM Ttl satellites 12 Err Scale 0.0077459668
 VCV xx 0.0000583254 VCV xy 0.0000627553
 VCV xz -0.000039411 VCV yy 0.0000918147
 VCV yz -0.000051257 VCV zz 0.0000511596

PT DGN SO Name 500022 To the Point

GRID D SO Delta N 0.041 Delta E 0.038
 Delta Elv -0.010

GPSVEC SO Point ID 60500019 DX 1578.142 DY -2552.092
 Class Stake out DZ -2238.520 Code 500019
 Obs L1 Fixed H.pr 0.020 V.pr 0.046

GPSQC1 NM Min SVs 12 PDOP max 2.1
 Relative DOPs Yes HDOP max 0.8
 Total GPS pos 6 VDOP max 1.9
 Monitor status Not monitored RMS 14.1
 Horz SD Vert SD
 Start wk 1576 sec 592184.8 End wk 1576 sec 592189.8

GPSQC2 NM Ttl satellites 12 Err Scale 0.0077459668
 VCV xx 0.0001105975 VCV xy 0.0001196032
 VCV xz -0.0000814213 VCV yy 0.000165928
 VCV yz -0.0001048311 VCV zz 0.0001109572

PT DGN SO Name 500019 To the Point

GRID D SO Delta N 0.016 Delta E 0.016
 Delta Elv -0.059

GPSVEC SO Point ID 60500042 DX 1580.538 DY -2558.803
 Class Stake out DZ -2245.518 Code 500042
 Obs L1 Fixed H.pr 0.022 V.pr 0.057

GPSQC1 NM Min SVs 11 PDOP max 2.5
 Relative DOPs Yes HDOP max 0.9
 Total GPS pos 6 VDOP max 2.3
 Monitor status Not monitored RMS 12.5
 Horz SD Vert SD
 Start wk 1576 sec 592825.0 End wk 1576 sec 592830.4

GPSQC2 NM Ttl satellites 11 Err Scale 0.0077459668
 VCV xx 0.0000833263 VCV xy 0.0000916312
 VCV xz -0.000068857 VCV yy 0.0001286776
 VCV yz -0.000090838 VCV zz 0.0000909224

PT DGN SO Name 500042 To the Point

GRID D SO Delta N -0.007 Delta E 0.049
 Delta Elv -0.040

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| GPSVEC | SO | Point ID 60500016 | DX 1603.425 | DY -2557.085 |
| | | Class Stake out | DZ -2230.275 | Code 500016 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.041 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.8 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.7 | |
| | | Monitor status Not monitored | RMS 10.3 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 593104.0 | End wk 1576 sec 593109.0 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000775929 | VCV xy 0.0000871292 | |
| | | VCV xz -0.0000667984 | VCV yy 0.0001285886 | |
| | | VCV yz -0.0000929562 | VCV zz 0.0000975111 | |
| PT DGN | SO | Name 500016 | To the Point | |
| GRID D | SO | Delta N 0.021 | Delta E 0.023 | |
| | | Delta Elv -0.028 | | |
| GPSVEC | SO | Point ID 60500039 | DX 1603.291 | DY -2563.315 |
| | | Class Stake out | DZ -2238.199 | Code 500039 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.8 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.7 | |
| | | Monitor status Not monitored | RMS 11.2 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 593173.0 | End wk 1576 sec 593178.0 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000737658 | VCV xy 0.0000829017 | |
| | | VCV xz -0.0000638932 | VCV yy 0.0001236039 | |
| | | VCV yz -0.0000900145 | VCV zz 0.0000955431 | |
| PT DGN | SO | Name 500039 | To the Point | |
| GRID D | SO | Delta N 0.062 | Delta E -0.032 | |
| | | Delta Elv 0.025 | | |
| GPSVEC | SO | Point ID 60500035 | DX 1622.545 | DY -2570.941 |
| | | Class Stake out | DZ -2236.676 | Code 500035 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.8 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.7 | |
| | | Monitor status Not monitored | RMS 8.7 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 593243.4 | End wk 1576 sec 593248.4 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000728352 | VCV xy 0.000082153 | |
| | | VCV xz -0.0000636001 | VCV yy 0.0001209776 | |
| | | VCV yz -0.0000899989 | VCV zz 0.0000967916 | |
| PT DGN | SO | Name 500035 | To the Point | |
| GRID D | SO | Delta N -0.001 | Delta E 0.050 | |
| | | Delta Elv 0.018 | | |
| GPSVEC | SO | Point ID 60500012 | DX 1625.164 | DY -2565.679 |
| | | Class Stake out | DZ -2228.536 | Code 500012 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.8 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.6 | |
| | | Monitor status Not monitored | RMS 12.3 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 593316.6 | End wk 1576 sec 593321.6 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000705669 | VCV xy 0.0000794097 | |
| | | VCV xz -0.0000618498 | VCV yy 0.0001204073 | |
| | | VCV yz -0.0000892831 | VCV zz 0.0000972185 | |
| PT DGN | SO | Name 500012 | To the Point | |
| GRID D | SO | Delta N -0.037 | Delta E 0.049 | |
| | | Delta Elv -0.021 | | |
| GPSVEC | SO | Point ID 60500007 | DX 1650.446 | DY -2580.101 |
| | | Class Stake out | DZ -2232.121 | Code 500007 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.039 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.7 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.6 | |
| | | Monitor status Not monitored | RMS 9.6 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 593424.2 | End wk 1576 sec 593429.2 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000659836 | VCV xy 0.0000742332 | |
| | | VCV xz -0.0000581804 | VCV yy 0.0001150835 | |
| | | VCV yz -0.0000858244 | VCV zz 0.0000952786 | |
| PT DGN | SO | Name 500007 | To the Point | |

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| GRID D | SO | Delta N | -0.089 | Delta E | 0.010 |
| | | Delta Elv | 0.032 | | |

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| GPSVEC | SO | Point ID 60500030 | DX 1645.580 | DY -2584.160 |
| | | Class Stake out | DZ -2239.913 | Code 500030 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.039 |

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|--------|----|----------------------------|---------------|--------------------------|------|
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.6 |
| | | Monitor status | Not monitored | RMS | 11.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 593469.4 | | End wk 1576 sec 593475.2 | |

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|--------|----|----------------|---------------|-----------|--------------|
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000643116 | VCV xy | 0.0000723158 |
| | | VCV xz | -0.0000567985 | VCV yy | 0.0001131045 |
| | | VCV yz | -0.0000846652 | VCV zz | 0.0000948466 |

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| PT DGN | SO | Name | 500030 | To the Point |
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| GRID D | SO | Delta N | -0.029 | Delta E | -0.058 |
| | | Delta Elv | -0.021 | | |

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| GPSVEC | SO | Point ID 60500029 | DX 1686.490 | DY -2613.087 |
| | | Class Stake out | DZ -2252.533 | Code 500029 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.039 |

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| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.6 |
| | | Monitor status | Not monitored | RMS | 8.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 593533.6 | | End wk 1576 sec 593538.6 | |

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|--------|----|----------------|---------------|-----------|--------------|
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000626488 | VCV xy | 0.0000703791 |
| | | VCV xz | -0.0000554248 | VCV yy | 0.0001113971 |
| | | VCV yz | -0.000083801 | VCV zz | 0.0000950835 |

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| PT DGN | SO | Name | 500029 | To the Point |
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| GRID D | SO | Delta N | 0.001 | Delta E | -0.012 |
| | | Delta Elv | -0.049 | | |

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| GPSVEC | SO | Point ID 60500006 | DX 1691.577 | DY -2609.266 |
| | | Class Stake out | DZ -2244.838 | Code 500006 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.038 |

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|--------|----|----------------------------|---------------|--------------------------|------|
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 0.6 |
| | | Total GPS pos | 6 | VDOP max | 1.6 |
| | | Monitor status | Not monitored | RMS | 11.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 593601.2 | | End wk 1576 sec 593606.2 | |

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|--------|----|----------------|---------------|-----------|--------------|
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000600496 | VCV xy | 0.0000673714 |
| | | VCV xz | -0.00005318 | VCV yy | 0.0001079989 |
| | | VCV yz | -0.0000816488 | VCV zz | 0.0000939141 |

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| PT DGN | SO | Name | 500006 | To the Point |
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| GRID D | SO | Delta N | 0.025 | Delta E | -0.037 |
| | | Delta Elv | -0.038 | | |

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| NOTE | TS | Time Date 03/27/2010 Time 12:54:49 |
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| GPSVEC | SO | Point ID 60500005 | DX 1742.811 | DY -2645.248 |
| | | Class Stake out | DZ -2260.397 | Code 500005 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.038 |

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|--------|----|----------------------------|---------------|--------------------------|-----|
| GPSQC1 | NM | Min SVs | 11 | 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 1576 sec 593687.6 | | End wk 1576 sec 593693.2 | |

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|--------|----|----------------|---------------|-----------|--------------|
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000580594 | VCV xy | 0.0000649832 |
| | | VCV xz | -0.0000513992 | VCV yy | 0.0001059486 |
| | | VCV yz | -0.0000805592 | VCV zz | 0.0000943581 |

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| PT DGN | SO | Name | 500005 | To the Point |
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| GRID D | SO | Delta N | -0.069 | Delta E | 0.061 |
| | | Delta Elv | -0.038 | | |

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| GPSVEC | SO | Point ID 60500028 | DX 1737.759 | DY -2649.161 |
| | | Class Stake out | DZ -2268.280 | Code 500028 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.037 |

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|--------|----|----------------------------|---------------|--------------------------|-----|
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.5 |
| | | Monitor status | Not monitored | RMS | 9.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 593754.2 | | End wk 1576 sec 593759.2 | |

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|--------|----|------------------------------|--------------------------|
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000556454 | VCV xy 0.0000621333 |
| | | VCV xz -0.0000491872 | VCV yy 0.000102645 |
| | | VCV yz -0.0000783607 | VCV zz 0.0000930851 |
| PT DGN | SO | Name 500028 | To the Point |
| GRID D | SO | Delta N 0.095 | Delta E 0.026 |
| | | Delta Elv 0.007 | |
| GPSVEC | SO | Point ID 60500027 | DX 1769.622 |
| | | Class Stake out | DZ -2277.941 |
| | | Obs L1 Fixed | H.pr 0.016 |
| | | | DY -2671.561 |
| | | | Code 500027 |
| | | | V.pr 0.037 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.6 |
| | | Relative DOPs Yes | HDOP max 0.7 |
| | | Total GPS pos 6 | VDOP max 1.5 |
| | | Monitor status Not monitored | RMS 10.8 |
| | | Horz SD | Vert SD |
| | | Start wk 1576 sec 593814.0 | End wk 1576 sec 593819.0 |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000542755 | VCV xy 0.00006045 |
| | | VCV xz -0.0000478723 | VCV yy 0.0001010987 |
| | | VCV yz -0.0000774555 | VCV zz 0.0000932201 |
| PT DGN | SO | Name 500027 | To the Point |
| GRID D | SO | Delta N 0.040 | Delta E 0.068 |
| | | Delta Elv -0.015 | |
| GPSVEC | SO | Point ID 60500004 | DX 1773.805 |
| | | Class Stake out | DZ -2269.960 |
| | | Obs L1 Fixed | H.pr 0.016 |
| | | | DY -2667.053 |
| | | | Code 500004 |
| | | | V.pr 0.033 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.6 |
| | | Relative DOPs Yes | HDOP max 0.7 |
| | | Total GPS pos 7 | VDOP max 1.5 |
| | | Monitor status Not monitored | RMS 16.0 |
| | | Horz SD | Vert SD |
| | | Start wk 1576 sec 593866.4 | End wk 1576 sec 593872.4 |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000431553 | VCV xy 0.0000469177 |
| | | VCV xz -0.0000360154 | VCV yy 0.0000846986 |
| | | VCV yz -0.0000633563 | VCV zz 0.0000811996 |
| PT DGN | SO | Name 500004 | To the Point |
| GRID D | SO | Delta N 0.040 | Delta E 0.022 |
| | | Delta Elv 0.022 | |
| GPSVEC | SO | Point ID 60500066 | DX 1831.665 |
| | | Class Stake out | DZ -2273.577 |
| | | Obs L1 Fixed | H.pr 0.016 |
| | | | DY -2696.547 |
| | | | Code 500066 |
| | | | V.pr 0.033 |
| GPSQC1 | NM | Min SVs 12 | PDOP max 1.5 |
| | | Relative DOPs Yes | HDOP max 0.6 |
| | | Total GPS pos 6 | VDOP max 1.4 |
| | | Monitor status Not monitored | RMS 13.2 |
| | | Horz SD | Vert SD |
| | | Start wk 1576 sec 593938.0 | End wk 1576 sec 593943.0 |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000417541 | VCV xy 0.0000450978 |
| | | VCV xz -0.0000344784 | VCV yy 0.0000831671 |
| | | VCV yz -0.0000623848 | VCV zz 0.0000815536 |
| PT DGN | SO | Name 500066 | To the Point |
| GRID D | SO | Delta N -0.060 | Delta E -0.008 |
| | | Delta Elv 0.058 | |
| GPSVEC | SO | Point ID 60500065 | DX 1828.530 |
| | | Class Stake out | DZ -2281.683 |
| | | Obs L1 Fixed | H.pr 0.016 |
| | | | DY -2701.612 |
| | | | Code 500065 |
| | | | V.pr 0.033 |
| GPSQC1 | NM | Min SVs 12 | PDOP max 1.5 |
| | | Relative DOPs Yes | HDOP max 0.6 |
| | | Total GPS pos 7 | VDOP max 1.3 |
| | | Monitor status Not monitored | RMS 11.4 |
| | | Horz SD | Vert SD |
| | | Start wk 1576 sec 593987.0 | End wk 1576 sec 593992.8 |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale 0.0077459668 |
| | | VCV xx 0.000040465 | VCV xy 0.0000435339 |
| | | VCV xz -0.0000332079 | VCV yy 0.0000812656 |
| | | VCV yz -0.0000611046 | VCV zz 0.0000808253 |
| PT DGN | SO | Name 500065 | To the Point |
| GRID D | SO | Delta N -0.006 | Delta E 0.089 |
| | | Delta Elv 0.045 | |
| GPSVEC | SO | Point ID 60500064 | DX 1872.993 |
| | | Class Stake out | DZ -2284.534 |
| | | Obs L1 Fixed | H.pr 0.016 |
| | | | DY -2724.414 |
| | | | Code 500064 |
| | | | V.pr 0.032 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 11.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 594081.8 | End wk 1576 sec | 594086.8 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000392451 | VCV xy | 0.0000418642 |
| | | VCV xz | -0.0000317777 | VCV yy | 0.000080035 |
| | | VCV yz | -0.0000604953 | VCV zz | 0.0000818836 |
| PT DGN | SO | Name | 500064 | To the Point | |
| GRID D | SO | Delta N | 0.045 | Delta E | 0.042 |
| | | Delta Elv | 0.016 | | |
| GPSVEC | SO | Point ID 60500047 | DX 1876.079 | DY | -2719.386 |
| | | Class Stake out | DZ -2276.407 | Code | 500047 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 14.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 594128.8 | End wk 1576 sec | 594133.8 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000381052 | VCV xy | 0.0000404582 |
| | | VCV xz | -0.0000306079 | VCV yy | 0.0000782721 |
| | | VCV yz | -0.0000592833 | VCV zz | 0.0000811755 |
| PT DGN | SO | Name | 500047 | To the Point | |
| GRID D | SO | Delta N | 0.006 | Delta E | -0.014 |
| | | Delta Elv | -0.027 | | |
| GPSVEC | SO | Point ID 60500050 | DX 1920.601 | DY | -2742.079 |
| | | Class Stake out | DZ -2279.230 | Code | 500050 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 13.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 594191.0 | End wk 1576 sec | 594196.8 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000372169 | VCV xy | 0.0000392515 |
| | | VCV xz | -0.0000295429 | VCV yy | 0.0000771722 |
| | | VCV yz | -0.0000586067 | VCV zz | 0.0000815154 |
| PT DGN | SO | Name | 500050 | To the Point | |
| GRID D | SO | Delta N | -0.042 | Delta E | -0.014 |
| | | Delta Elv | 0.027 | | |
| GPSVEC | SO | Point ID 60500063 | DX 1917.532 | DY | -2747.086 |
| | | Class Stake out | DZ -2287.306 | Code | 500063 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 14.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 594251.4 | End wk 1576 sec | 594256.4 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000366005 | VCV xy | 0.0000383383 |
| | | VCV xz | -0.0000287052 | VCV yy | 0.0000765842 |
| | | VCV yz | -0.0000583446 | VCV zz | 0.0000823947 |
| PT DGN | SO | Name | 500063 | To the Point | |
| GRID D | SO | Delta N | -0.056 | Delta E | -0.018 |
| | | Delta Elv | 0.062 | | |
| GPSVEC | SO | Point ID 60500062 | DX 1962.019 | DY | -2769.855 |
| | | Class Stake out | DZ -2290.137 | Code | 500062 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 11.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 594357.6 | End wk 1576 sec | 594362.8 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000350401 | VCV xy | 0.0000362008 |
| | | VCV xz | -0.0000267579 | VCV yy | 0.0000743702 |
| | | VCV yz | -0.0000568296 | VCV zz | 0.0000824961 |
| PT DGN | SO | Name | 500062 | To the Point | |
| GRID D | SO | Delta N | -0.044 | Delta E | -0.072 |
| | | Delta Elv | 0.054 | | |

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|--------|----|------------------------------|--------------------------|--------------|
| GPSVEC | SO | Point ID 60500049 | DX 1965.041 | DY -2764.898 |
| | | Class Stake out | DZ -2282.142 | Code 500049 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.030 |
| GPSQC1 | NM | Min SVs 12 | PDOP max 1.4 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.2 | |
| | | Monitor status Not monitored | RMS 14.0 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 594457.4 | End wk 1576 sec 594462.4 | |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000330731 | VCV xy 0.0000337055 | |
| | | VCV xz -0.0000245641 | VCV yy 0.0000710773 | |
| | | VCV yz -0.0000544694 | VCV zz 0.0000811243 | |
| PT DGN | SO | Name 500049 | To the Point | |
| GRID D | SO | Delta N 0.076 | Delta E -0.080 | |
| | | Delta Elv 0.014 | | |
| GPSVEC | SO | Point ID 60500051 | DX 2009.471 | DY -2787.584 |
| | | Class Stake out | DZ -2284.953 | Code 500051 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr 0.030 |
| GPSQC1 | NM | Min SVs 12 | PDOP max 1.4 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 7 | VDOP max 1.2 | |
| | | Monitor status Not monitored | RMS 13.0 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 594526.0 | End wk 1576 sec 594531.6 | |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000321524 | VCV xy 0.0000324184 | |
| | | VCV xz -0.0000233478 | VCV yy 0.0000696326 | |
| | | VCV yz -0.0000534301 | VCV zz 0.0000810654 | |
| PT DGN | SO | Name 500051 | To the Point | |
| GRID D | SO | Delta N 0.040 | Delta E -0.018 | |
| | | Delta Elv 0.035 | | |
| GPSVEC | SO | Point ID 60500061 | DX 2006.330 | DY -2792.542 |
| | | Class Stake out | DZ -2292.920 | Code 500061 |
| | | Obs L1 Fixed | H.pr 0.017 | V.pr 0.032 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.5 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.3 | |
| | | Monitor status Not monitored | RMS 12.5 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 594625.2 | End wk 1576 sec 594630.2 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000312886 | VCV xy 0.0000323241 | |
| | | VCV xz -0.0000237569 | VCV yy 0.0000749866 | |
| | | VCV yz -0.0000635768 | VCV zz 0.0000995308 | |
| PT DGN | SO | Name 500061 | To the Point | |
| GRID D | SO | Delta N -0.070 | Delta E 0.068 | |
| | | Delta Elv 0.017 | | |
| GPSVEC | SO | Point ID 60500060 | DX 2050.847 | DY -2815.369 |
| | | Class Stake out | DZ -2295.719 | Code 500060 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr 0.031 |
| GPSQC1 | NM | Min SVs 12 | PDOP max 1.4 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.3 | |
| | | Monitor status Not monitored | RMS 13.5 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 594708.6 | End wk 1576 sec 594713.6 | |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000302006 | VCV xy 0.0000290476 | |
| | | VCV xz -0.0000207346 | VCV yy 0.0000667851 | |
| | | VCV yz -0.000056816 | VCV zz 0.0000957658 | |
| PT DGN | SO | Name 500060 | To the Point | |
| GRID D | SO | Delta N -0.061 | Delta E -0.038 | |
| | | Delta Elv -0.042 | | |
| GPSVEC | SO | Point ID 60500052 | DX 2053.947 | DY -2810.323 |
| | | Class Stake out | DZ -2287.756 | Code 500052 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr 0.030 |
| GPSQC1 | NM | Min SVs 12 | PDOP max 1.4 | |
| | | Relative DOPs Yes | HDOP max 0.7 | |
| | | Total GPS pos 6 | VDOP max 1.2 | |
| | | Monitor status Not monitored | RMS 15.2 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 594762.6 | End wk 1576 sec 594767.6 | |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000293641 | VCV xy 0.0000278586 | |
| | | VCV xz -0.0000195653 | VCV yy 0.000064882 | |
| | | VCV yz -0.000055117 | VCV zz 0.000094418 | |
| PT DGN | SO | Name 500052 | To the Point | |

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|--------|----|----------------------------|---------------|--------------------------|--------------|
| GRID D | SO | Delta N | 0.017 | Delta E | -0.055 |
| | | Delta Elv | 0.028 | | |
| GPSVEC | SO | Point ID 60500053 | DX 2098.344 | DY -2833.007 | |
| | | Class Stake out | DZ -2290.513 | Code 500053 | |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr 0.030 | |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 594829.6 | | End wk 1576 sec 594834.6 | |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000289398 | VCV xy | 0.000026995 |
| | | VCV xz | -0.0000185332 | VCV yy | 0.0000637065 |
| | | VCV yz | -0.0000539737 | VCV zz | 0.0000944469 |
| PT DGN | SO | Name | 500053 | To the Point | |
| GRID D | SO | Delta N | -0.053 | Delta E | -0.007 |
| | | Delta Elv | 0.007 | | |
| GPSVEC | SO | Point ID 60500059 | DX 2095.286 | DY -2838.020 | |
| | | Class Stake out | DZ -2298.570 | Code 500059 | |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr 0.029 | |
| 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 | 14.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 594898.2 | | End wk 1576 sec 594903.2 | |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000287201 | VCV xy | 0.000025818 |
| | | VCV xz | -0.0000171471 | VCV yy | 0.0000601731 |
| | | VCV yz | -0.0000506901 | VCV zz | 0.0000931146 |
| PT DGN | SO | Name | 500059 | To the Point | |
| GRID D | SO | Delta N | -0.084 | Delta E | 0.001 |
| | | Delta Elv | 0.031 | | |
| GPSVEC | SO | Point ID 60500058 | DX 2139.696 | DY -2860.860 | |
| | | Class Stake out | DZ -2301.489 | Code 500058 | |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr 0.029 | |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 594972.2 | | End wk 1576 sec 594977.2 | |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000028532 | VCV xy | 0.0000255017 |
| | | VCV xz | -0.0000165184 | VCV yy | 0.0000611038 |
| | | VCV yz | -0.0000513418 | VCV zz | 0.0000950165 |
| PT DGN | SO | Name | 500058 | To the Point | |
| GRID D | SO | Delta N | 0.057 | Delta E | -0.027 |
| | | Delta Elv | -0.005 | | |
| GPSVEC | SO | Point ID 60500054 | DX 2142.730 | DY -2855.818 | |
| | | Class Stake out | DZ -2293.421 | Code 500054 | |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr 0.029 | |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 595079.2 | | End wk 1576 sec 595084.8 | |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000276218 | VCV xy | 0.0000241333 |
| | | VCV xz | -0.000014886 | VCV yy | 0.0000590978 |
| | | VCV yz | -0.0000491803 | VCV zz | 0.0000938016 |
| PT DGN | SO | Name | 500054 | To the Point | |
| GRID D | SO | Delta N | 0.067 | Delta E | 0.038 |
| | | Delta Elv | -0.021 | | |
| GPSVEC | SO | Point ID 60500055 | DX 2187.240 | DY -2878.573 | |
| | | Class Stake out | DZ -2296.244 | Code 500055 | |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr 0.029 | |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 11.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 595144.0 | | End wk 1576 sec 595150.0 | |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000273556 | VCV xy | 0.0000235574 |
| | | VCV xz | -0.0000140601 | VCV yy | 0.0000583401 |
| | | VCV yz | -0.0000482097 | VCV zz | 0.0000937853 |

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| PT DGN | SO | Name | 500055 | To the Point | |
| GRID D | SO | Delta N | 0.061 | Delta E | -0.041 |
| | | Delta Elv | -0.017 | | |
| GPSVEC | SO | Point ID 60500057 | DX 2184.191 | DY | -2883.528 |
| | | Class Stake out | DZ -2304.242 | Code | 500057 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.028 |
| GPSQC1 | NM | Min SVs 12 | PDOP max | 1.4 | |
| | | Relative DOPs Yes | HDOP max | 0.8 | |
| | | Total GPS pos 6 | VDOP max | 1.1 | |
| | | Monitor status Not monitored | RMS | 12.6 | |
| | | Horz SD | Vert SD | | |
| | | Start wk 1576 sec 595246.8 | End wk 1576 | sec 595252.4 | |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000264322 | VCV xy | 0.0000218503 | |
| | | VCV xz -0.0000122908 | VCV yy | 0.0000557187 | |
| | | VCV yz -0.0000460854 | VCV zz | 0.0000936032 | |
| PT DGN | SO | Name | 500057 | To the Point | |
| GRID D | SO | Delta N | -0.051 | Delta E | -0.032 |
| | | Delta Elv | 0.017 | | |
| GPSVEC | SO | Point ID 60500023 | DX 2221.647 | DY | -2902.744 |
| | | Class Stake out | DZ -2306.638 | Code | 500023 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.028 |
| GPSQC1 | NM | Min SVs 12 | PDOP max | 1.4 | |
| | | Relative DOPs Yes | HDOP max | 0.8 | |
| | | Total GPS pos 6 | VDOP max | 1.1 | |
| | | Monitor status Not monitored | RMS | 12.7 | |
| | | Horz SD | Vert SD | | |
| | | Start wk 1576 sec 595377.4 | End wk 1576 | sec 595382.4 | |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000265386 | VCV xy | 0.0000215535 | |
| | | VCV xz -0.0000111002 | VCV yy | 0.0000551862 | |
| | | VCV yz -0.0000441749 | VCV zz | 0.000093544 | |
| PT DGN | SO | Name | 500023 | To the Point | |
| GRID D | SO | Delta N | -0.017 | Delta E | 0.082 |
| | | Delta Elv | -0.016 | | |
| GPSVEC | SO | Point ID 60500000 | DX 2224.801 | DY | -2897.770 |
| | | Class Stake out | DZ -2298.599 | Code | 500000 |
| | | Obs L1 Fixed | H.pr 0.034 | V.pr | 0.047 |
| GPSQC1 | NM | Min SVs 12 | PDOP max | 1.5 | |
| | | Relative DOPs Yes | HDOP max | 0.9 | |
| | | Total GPS pos 6 | VDOP max | 1.2 | |
| | | Monitor status Not monitored | RMS | 24.2 | |
| | | Horz SD | Vert SD | | |
| | | Start wk 1576 sec 595450.0 | End wk 1576 | sec 595455.0 | |
| GPSQC2 | NM | Ttl satellites 12 | Err Scale | 0.0117171276 | |
| | | VCV xx 0.0000471145 | VCV xy | 0.0000375196 | |
| | | VCV xz -0.0000180884 | VCV yy | 0.0000976781 | |
| | | VCV yz -0.0000770719 | VCV zz | 0.0001683831 | |
| PT DGN | SO | Name | 500000 | To the Point | |
| GRID D | SO | Delta N | 0.021 | Delta E | 0.025 |
| | | Delta Elv | -0.025 | | |
| NOTE | TS | Time Date 03/27/2010 Time 13:30:28 | | | |
| GPSVEC | TP | Point ID 20000 | DX 1602.737 | DY | -2569.691 |
| | | Class Normal | DZ -2245.088 | Code | TP |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 11 | PDOP max | 1.3 | |
| | | Relative DOPs Yes | HDOP max | 0.8 | |
| | | Total GPS pos 6 | VDOP max | 1.0 | |
| | | Monitor status Not monitored | RMS | 13.8 | |
| | | Horz SD | Vert SD | | |
| | | Start wk 1576 sec 596151.4 | End wk 1576 | sec 596156.4 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000251867 | VCV xy | 0.0000180218 | |
| | | VCV xz -0.0000042019 | VCV yy | 0.0000479037 | |
| | | VCV yz -0.0000323249 | VCV zz | 0.0000922937 | |
| GPSVEC | TP | Point ID 20001 | DX 1621.215 | DY | -2575.624 |
| | | Class Normal | DZ -2242.057 | Code | TP |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 11 | PDOP max | 1.3 | |
| | | Relative DOPs Yes | HDOP max | 0.8 | |
| | | Total GPS pos 6 | VDOP max | 1.0 | |
| | | Monitor status Not monitored | RMS | 12.0 | |
| | | Horz SD | Vert SD | | |
| | | Start wk 1576 sec 596166.6 | End wk 1576 | sec 596171.6 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000250756 | VCV xy | 0.0000179321 | |
| | | VCV xz -0.0000041262 | VCV yy | 0.0000476127 | |
| | | VCV yz -0.000031878 | VCV zz | 0.0000916398 | |

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| GPSVEC | TP | Point ID 20002 | DX 1641.508 | DY -2588.494 |
| | | Class Normal | DZ -2246.334 | Code TP |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.025 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.3 | |
| | | Relative DOPs Yes | HDOP max 0.8 | |
| | | Total GPS pos 6 | VDOP max 1.0 | |
| | | Monitor status Not monitored | RMS 13.8 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 596181.8 | End wk 1576 sec 596186.8 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000251145 | VCV xy 0.0000179516 | |
| | | VCV xz -0.0000040778 | VCV yy 0.0000476084 | |
| | | VCV yz -0.0000316294 | VCV zz 0.0000915392 | |
| GPSVEC | TP | Point ID 20003 | DX 1616.434 | DY -2609.390 |
| | | Class Normal | DZ -2283.384 | Code TP |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.025 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.3 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.0 | |
| | | Monitor status Not monitored | RMS 13.9 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 596216.8 | End wk 1576 sec 596221.8 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000254002 | VCV xy 0.0000181391 | |
| | | VCV xz -0.0000040021 | VCV yy 0.000047961 | |
| | | VCV yz -0.0000313012 | VCV zz 0.0000920316 | |
| NOTE | NM | Following data imported from CAMU Control1.CSV | | |
| GPSVEC | TP | Point ID 20004 | DX 1548.269 | DY -2547.324 |
| | | Class Normal | DZ -2242.920 | Code ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.025 |
| GPSQC1 | NM | Min SVs 10 | PDOP max 1.3 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.0 | |
| | | Monitor status Not monitored | RMS 12.9 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 596576.6 | End wk 1576 sec 596581.6 | |
| GPSQC2 | NM | Ttl satellites 10 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000256938 | VCV xy 0.0000180241 | |
| | | VCV xz -0.0000025691 | VCV yy 0.0000487511 | |
| | | VCV yz -0.0000272348 | VCV zz 0.0000905822 | |
| GPSVEC | TP | Point ID 20005 | DX 1573.891 | DY -2547.737 |
| | | Class Normal | DZ -2228.571 | Code ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.024 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.3 | |
| | | Relative DOPs Yes | HDOP max 0.8 | |
| | | Total GPS pos 6 | VDOP max 1.0 | |
| | | Monitor status Not monitored | RMS 14.0 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 596615.8 | End wk 1576 sec 596620.8 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000246993 | VCV xy 0.0000192734 | |
| | | VCV xz -0.0000051644 | VCV yy 0.0000468344 | |
| | | VCV yz -0.0000229193 | VCV zz 0.0000824622 | |
| GPSVEC | TP | Point ID 20006 | DX 1601.682 | DY -2552.467 |
| | | Class Normal | DZ -2218.645 | Code ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.024 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.3 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.0 | |
| | | Monitor status Not monitored | RMS 12.4 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 596639.8 | End wk 1576 sec 596644.8 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000252775 | VCV xy 0.0000191827 | |
| | | VCV xz -0.0000044046 | VCV yy 0.000047417 | |
| | | VCV yz -0.0000233065 | VCV zz 0.0000842847 | |
| GPSVEC | TP | Point ID 20007 | DX 1626.705 | DY -2562.585 |
| | | Class Normal | DZ -2216.854 | Code ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.024 |
| GPSQC1 | NM | Min SVs 11 | PDOP max 1.3 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.0 | |
| | | Monitor status Not monitored | RMS 12.5 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 596670.0 | End wk 1576 sec 596675.0 | |
| GPSQC2 | NM | Ttl satellites 11 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000257211 | VCV xy 0.0000191282 | |
| | | VCV xz -0.0000038157 | VCV yy 0.0000478084 | |
| | | VCV yz -0.0000233545 | VCV zz 0.0000853862 | |
| GPSVEC | TP | Point ID 20008 | DX 1654.100 | DY -2578.057 |
| | | Class Normal | DZ -2220.461 | Code ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.024 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 596698.0 | End wk 1576 sec | 596703.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.00002594 | VCV xy | 0.000019204 |
| | | VCV xz | -0.0000028538 | VCV yy | 0.0000481207 |
| | | VCV yz | -0.000023559 | VCV zz | 0.0000813784 |
| GPSVEC | TP | Point ID 20009 | | DY | -2607.599 |
| | | Class Normal | | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 596732.2 | End wk 1576 sec | 596737.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000260137 | VCV xy | 0.0000187036 |
| | | VCV xz | -0.000003094 | VCV yy | 0.0000477217 |
| | | VCV yz | -0.0000233417 | VCV zz | 0.0000856781 |
| GPSVEC | TP | Point ID 20010 | | DY | -2643.751 |
| | | Class Normal | | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 596769.2 | End wk 1576 sec | 596774.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000268063 | VCV xy | 0.0000193879 |
| | | VCV xz | -0.0000016158 | VCV yy | 0.0000490994 |
| | | VCV yz | -0.0000215881 | VCV zz | 0.0000888789 |
| GPSVEC | TP | Point ID 20011 | | DY | -2664.447 |
| | | Class Normal | | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 596800.4 | End wk 1576 sec | 596805.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000271721 | VCV xy | 0.0000197567 |
| | | VCV xz | -0.0000020744 | VCV yy | 0.0000497842 |
| | | VCV yz | -0.0000216809 | VCV zz | 0.0000919744 |
| GPSVEC | TP | Point ID 20012 | | DY | -2693.845 |
| | | Class Normal | | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.023 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 0.9 |
| | | Monitor status | Not monitored | RMS | 14.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597012.0 | End wk 1576 sec | 597017.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000279034 | VCV xy | 0.0000217978 |
| | | VCV xz | -0.0000020118 | VCV yy | 0.0000510431 |
| | | VCV yz | -0.00001408 | VCV zz | 0.0000750395 |
| GPSVEC | TP | Point ID 20013 | | DY | -2716.851 |
| | | Class Normal | | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.023 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 7 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597045.4 | End wk 1576 sec | 597051.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000285781 | VCV xy | 0.0000225871 |
| | | VCV xz | -0.0000033425 | VCV yy | 0.0000520693 |
| | | VCV yz | -0.0000144948 | VCV zz | 0.0000778112 |
| GPSVEC | TP | Point ID 20014 | | DY | -2739.701 |
| | | Class Normal | | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597079.4 | End wk 1576 sec | 597084.4 |

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|--------|----|------------------------------|--------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000295332 | | VCV xy | 0.0000235386 |
| | | VCV xz -0.0000041935 | | VCV yy | 0.0000537927 |
| | | VCV yz -0.0000147958 | | VCV zz | 0.0000804866 |
| GPSVEC | TP | Point ID 20015 | DX 1966.885 | DY | -2762.185 |
| | | Class Normal | DZ -2270.551 | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 11.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 597110.4 | | End wk 1576 sec 597115.4 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000300153 | | VCV xy | 0.0000240538 |
| | | VCV xz -0.0000046298 | | VCV yy | 0.0000547179 |
| | | VCV yz -0.000014715 | | VCV zz | 0.0000814457 |
| GPSVEC | TP | Point ID 20016 | DX 2011.581 | DY | -2784.816 |
| | | Class Normal | DZ -2273.363 | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 13.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 597141.4 | | End wk 1576 sec 597146.4 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000302515 | | VCV xy | 0.000024269 |
| | | VCV xz -0.000004804 | | VCV yy | 0.0000557579 |
| | | VCV yz -0.0000149655 | | VCV zz | 0.0000820676 |
| GPSVEC | TP | Point ID 20017 | DX 2055.689 | DY | -2807.552 |
| | | Class Normal | DZ -2276.305 | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 10.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 597173.4 | | End wk 1576 sec 597178.4 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000307065 | | VCV xy | 0.0000246808 |
| | | VCV xz -0.0000049629 | | VCV yy | 0.0000570101 |
| | | VCV yz -0.0000150083 | | VCV zz | 0.0000828862 |
| GPSVEC | TP | Point ID 20018 | DX 2099.853 | DY | -2830.124 |
| | | Class Normal | DZ -2278.997 | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 10.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 597205.6 | | End wk 1576 sec 597210.6 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000313632 | | VCV xy | 0.0000252752 |
| | | VCV xz -0.0000051321 | | VCV yy | 0.0000585389 |
| | | VCV yz -0.0000149554 | | VCV zz | 0.0000840276 |
| GPSVEC | TP | Point ID 20019 | DX 2144.829 | DY | -2852.849 |
| | | Class Normal | DZ -2281.491 | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 7 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 597235.0 | | End wk 1576 sec 597240.8 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.000031571 | | VCV xy | 0.0000255091 |
| | | VCV xz -0.000005206 | | VCV yy | 0.000059146 |
| | | VCV yz -0.0000146204 | | VCV zz | 0.0000839204 |
| GPSVEC | TP | Point ID 20020 | DX 2188.737 | DY | -2875.601 |
| | | Class Normal | DZ -2284.713 | Code | ASB AT IN |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 597281.8 | | End wk 1576 sec 597286.8 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000324189 | | VCV xy | 0.0000263186 |
| | | VCV xz -0.0000054165 | | VCV yy | 0.0000610455 |
| | | VCV yz -0.0000142485 | | VCV zz | 0.0000851086 |

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|--------|----|----------------|-------------------|------|-----------|-----------|-------------------|-----------|
| GPSVEC | TP | Point ID 20021 | | DX | 2226.537 | | DY | -2895.277 |
| | | Class Normal | | DZ | -2287.456 | | Code | ASB AT IN |
| | | Obs L1 Fixed | | H.pr | 0.024 | | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 10 | | | PDOP max | 1.4 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.0 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 14.2 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 597310.0 | | | End wk | 1576 sec 597315.0 | |
| GPSQC2 | NM | Ttl satellites | 10 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000327832 | | | VCV xy | 0.0000266948 | |
| | | VCV xz | -0.0000055123 | | | VCV yy | 0.0000619201 | |
| | | VCV yz | -0.0000139298 | | | VCV zz | 0.0000854267 | |
| GPSVEC | TP | Point ID 20022 | | DX | 2180.095 | | DY | -2887.306 |
| | | Class Normal | | DZ | -2308.696 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.024 | | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 10 | | | PDOP max | 1.4 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.0 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 12.5 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 597421.4 | | | End wk | 1576 sec 597426.4 | |
| GPSQC2 | NM | Ttl satellites | 10 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000338483 | | | VCV xy | 0.0000281259 | |
| | | VCV xz | -0.0000062405 | | | VCV yy | 0.0000638632 | |
| | | VCV yz | -0.0000106386 | | | VCV zz | 0.0000823399 | |
| GPSVEC | TP | Point ID 20023 | | DX | 2178.937 | | DY | -2895.692 |
| | | Class Normal | | DZ | -2316.510 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.024 | | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 10 | | | PDOP max | 1.4 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.0 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 14.3 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 597445.4 | | | End wk | 1576 sec 597450.4 | |
| GPSQC2 | NM | Ttl satellites | 10 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.000033769 | | | VCV xy | 0.0000280728 | |
| | | VCV xz | -0.0000061548 | | | VCV yy | 0.0000641887 | |
| | | VCV yz | -0.0000108288 | | | VCV zz | 0.0000828927 | |
| GPSVEC | TP | Point ID 20024 | | DX | 2174.590 | | DY | -2904.370 |
| | | Class Normal | | DZ | -2327.633 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.024 | | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 10 | | | PDOP max | 1.4 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.0 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 14.4 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 597467.6 | | | End wk | 1576 sec 597472.6 | |
| GPSQC2 | NM | Ttl satellites | 10 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000340092 | | | VCV xy | 0.0000283044 | |
| | | VCV xz | -0.0000061743 | | | VCV yy | 0.0000650012 | |
| | | VCV yz | -0.0000109187 | | | VCV zz | 0.0000838185 | |
| GPSVEC | TP | Point ID 20025 | | DX | 2135.723 | | DY | -2915.253 |
| | | Class Normal | | DZ | -2355.712 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.024 | | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 10 | | | PDOP max | 1.4 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.0 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 10.9 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 597500.6 | | | End wk | 1576 sec 597505.6 | |
| GPSQC2 | NM | Ttl satellites | 10 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000343598 | | | VCV xy | 0.0000286616 | |
| | | VCV xz | -0.0000062406 | | | VCV yy | 0.0000660913 | |
| | | VCV yz | -0.0000108245 | | | VCV zz | 0.0000847367 | |
| GPSVEC | TP | Point ID 20026 | | DX | 2137.725 | | DY | -2864.535 |
| | | Class Normal | | DZ | -2305.324 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.024 | | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 10 | | | PDOP max | 1.4 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.0 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 11.0 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 597539.6 | | | End wk | 1576 sec 597544.8 | |
| GPSQC2 | NM | Ttl satellites | 10 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000346482 | | | VCV xy | 0.0000290025 | |
| | | VCV xz | -0.0000063371 | | | VCV yy | 0.000067063 | |
| | | VCV yz | -0.000010477 | | | VCV zz | 0.0000851288 | |
| GPSVEC | TP | Point ID 20027 | | DX | 2132.335 | | DY | -2874.117 |
| | | Class Normal | | DZ | -2315.750 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.024 | | V.pr | 0.025 |

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| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597558.8 | End wk 1576 sec | 597563.8 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000345254 | VCV xy | 0.0000289554 |
| | | VCV xz | -0.0000063427 | VCV yy | 0.0000670199 |
| | | VCV yz | -0.0000101939 | VCV zz | 0.0000845981 |
| GPSVEC | TP | Point ID 20028 | | DY | -2894.243 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597583.0 | End wk 1576 sec | 597588.0 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000350674 | VCV xy | 0.000029484 |
| | | VCV xz | -0.0000064936 | VCV yy | 0.0000683016 |
| | | VCV yz | -0.0000100154 | VCV zz | 0.0000856023 |
| GPSVEC | TP | Point ID 20029 | | DY | -2905.806 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597602.0 | End wk 1576 sec | 597607.0 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000347738 | VCV xy | 0.0000292975 |
| | | VCV xz | -0.0000064814 | VCV yy | 0.0000679098 |
| | | VCV yz | -0.0000096568 | VCV zz | 0.0000846112 |
| GPSVEC | TP | Point ID 20030 | | DY | -2890.263 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597631.2 | End wk 1576 sec | 597636.2 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000357392 | VCV xy | 0.0000302059 |
| | | VCV xz | -0.000006743 | VCV yy | 0.0000700606 |
| | | VCV yz | -0.0000094778 | VCV zz | 0.0000865162 |
| NOTE | TS | Time Date | 03/27/2010 Time 14:00:59 | | |
| GPSVEC | TP | Point ID 20031 | | DY | -2875.575 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597670.2 | End wk 1576 sec | 597675.2 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000353499 | VCV xy | 0.0000300067 |
| | | VCV xz | -0.0000067865 | VCV yy | 0.0000696564 |
| | | VCV yz | -0.0000087685 | VCV zz | 0.0000849655 |
| GPSVEC | TP | Point ID 20032 | | DY | -2859.600 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597705.4 | End wk 1576 sec | 597710.4 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000355577 | VCV xy | 0.0000303062 |
| | | VCV xz | -0.0000069346 | VCV yy | 0.000070414 |
| | | VCV yz | -0.000008265 | VCV zz | 0.0000848987 |
| GPSVEC | TP | Point ID 20033 | | DY | -2842.661 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597724.6 | End wk 1576 sec | 597729.6 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000360998 | VCV xy | 0.0000308358 |
| | | VCV xz | -0.0000070956 | VCV yy | 0.0000716814 |
| | | VCV yz | -0.0000080995 | VCV zz | 0.0000858879 |
| GPSVEC | TP | Point ID 20034 | | DY | -2819.895 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597748.6 | End wk 1576 sec | 597753.6 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000359064 | VCV xy | 0.0000307534 |
| | | VCV xz | -0.0000071385 | VCV yy | 0.0000715308 |
| | | VCV yz | -0.0000076935 | VCV zz | 0.0000850635 |
| GPSVEC | TP | Point ID 20035 | | DY | -2834.269 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597775.6 | End wk 1576 sec | 597780.8 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000360064 | VCV xy | 0.000030932 |
| | | VCV xz | -0.0000072551 | VCV yy | 0.0000719928 |
| | | VCV yz | -0.0000073104 | VCV zz | 0.0000849013 |
| GPSVEC | TP | Point ID 20036 | | DY | -2851.563 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 7 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597803.0 | End wk 1576 sec | 597808.8 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000359413 | VCV xy | 0.0000309701 |
| | | VCV xz | -0.0000073299 | VCV yy | 0.0000721443 |
| | | VCV yz | -0.0000068879 | VCV zz | 0.0000843289 |
| GPSVEC | TP | Point ID 20037 | | DY | -2863.969 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597823.8 | End wk 1576 sec | 597828.8 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000361594 | VCV xy | 0.0000312318 |
| | | VCV xz | -0.0000074455 | VCV yy | 0.0000728021 |
| | | VCV yz | -0.0000066391 | VCV zz | 0.0000845606 |
| GPSVEC | TP | Point ID 20038 | | DY | -2797.738 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597870.0 | End wk 1576 sec | 597875.0 |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000367502 | VCV xy | 0.0000319043 |
| | | VCV xz | -0.0000077483 | VCV yy | 0.0000744728 |
| | | VCV yz | -0.0000060613 | VCV zz | 0.0000852817 |
| GPSVEC | TP | Point ID 20039 | | DY | -2810.716 |
| | | Class Normal | | Code SPT | |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr 0.026 | |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.1 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 13.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 597893.0 | End wk 1576 sec | 597898.0 |

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|--------|----|------------------------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 10 | Err Scale | 0.0077459668 |
| | | VCV xx 0.000038877 | VCV xy | 0.0000338331 |
| | | VCV xz -0.0000083552 | VCV yy | 0.0000790233 |
| | | VCV yz -0.0000061131 | VCV zz | 0.0000900974 |
| GPSVEC | TP | Point ID 20040 | DX 1985.650 | DY -2827.858 |
| | | Class Normal | DZ -2332.263 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 |
| GPSQC1 | NM | Min SVs 10 | PDOP max | 1.5 |
| | | Relative DOPs Yes | HDOP max | 1.0 |
| | | Total GPS pos 7 | VDOP max | 1.0 |
| | | Monitor status Not monitored | RMS | 13.3 |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 597919.2 | End wk 1576 sec 597925.0 | |
| GPSQC2 | NM | Ttl satellites 10 | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000369269 | VCV xy | 0.0000322311 |
| | | VCV xz -0.0000080359 | VCV yy | 0.0000753579 |
| | | VCV yz -0.0000054201 | VCV zz | 0.0000851946 |
| GPSVEC | TP | Point ID 20041 | DX 1977.819 | DY -2842.422 |
| | | Class Normal | DZ -2350.001 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 |
| GPSQC1 | NM | Min SVs 10 | PDOP max | 1.5 |
| | | Relative DOPs Yes | HDOP max | 1.0 |
| | | Total GPS pos 7 | VDOP max | 1.0 |
| | | Monitor status Not monitored | RMS | 15.8 |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 597949.4 | End wk 1576 sec 597955.2 | |
| GPSQC2 | NM | Ttl satellites 10 | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000370468 | VCV xy | 0.0000324375 |
| | | VCV xz -0.0000081696 | VCV yy | 0.0000759361 |
| | | VCV yz -0.0000050148 | VCV zz | 0.0000850502 |
| GPSVEC | TP | Point ID 20042 | DX 1959.765 | DY -2773.734 |
| | | Class Normal | DZ -2293.692 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.025 |
| GPSQC1 | NM | Min SVs 10 | PDOP max | 1.5 |
| | | Relative DOPs Yes | HDOP max | 1.0 |
| | | Total GPS pos 6 | VDOP max | 1.0 |
| | | Monitor status Not monitored | RMS | 15.1 |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 597988.4 | End wk 1576 sec 597993.4 | |
| GPSQC2 | NM | Ttl satellites 10 | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000373125 | VCV xy | 0.0000328034 |
| | | VCV xz -0.0000083897 | VCV yy | 0.000076924 |
| | | VCV yz -0.0000045055 | VCV zz | 0.0000851519 |
| GPSVEC | TP | Point ID 20043 | DX 1952.658 | DY -2786.401 |
| | | Class Normal | DZ -2307.461 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.026 |
| GPSQC1 | NM | Min SVs 8 | PDOP max | 1.5 |
| | | Relative DOPs Yes | HDOP max | 1.1 |
| | | Total GPS pos 6 | VDOP max | 1.1 |
| | | Monitor status Not monitored | RMS | 11.7 |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 598014.6 | End wk 1576 sec 598019.6 | |
| GPSQC2 | NM | Ttl satellites 8 | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000410019 | VCV xy | 0.0000361463 |
| | | VCV xz -0.0000093658 | VCV yy | 0.0000848559 |
| | | VCV yz -0.000004573 | VCV zz | 0.0000932805 |
| GPSVEC | TP | Point ID 20044 | DX 1945.010 | DY -2800.407 |
| | | Class Normal | DZ -2323.109 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.027 |
| GPSQC1 | NM | Min SVs 8 | PDOP max | 1.6 |
| | | Relative DOPs Yes | HDOP max | 1.1 |
| | | Total GPS pos 6 | VDOP max | 1.1 |
| | | Monitor status Not monitored | RMS | 11.1 |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 598038.6 | End wk 1576 sec 598043.6 | |
| GPSQC2 | NM | Ttl satellites 8 | Err Scale | 0.0077459668 |
| | | VCV xx 0.00004315 | VCV xy | 0.0000381323 |
| | | VCV xz -0.0000099592 | VCV yy | 0.0000896287 |
| | | VCV yz -0.0000044379 | VCV zz | 0.0000978071 |
| GPSVEC | TP | Point ID 20045 | DX 1937.299 | DY -2812.621 |
| | | Class Normal | DZ -2338.163 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.028 | V.pr 0.027 |
| GPSQC1 | NM | Min SVs 8 | PDOP max | 1.6 |
| | | Relative DOPs Yes | HDOP max | 1.1 |
| | | Total GPS pos 6 | VDOP max | 1.1 |
| | | Monitor status Not monitored | RMS | 14.5 |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 598058.6 | End wk 1576 sec 598063.6 | |
| GPSQC2 | NM | Ttl satellites 8 | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000440768 | VCV xy | 0.0000390328 |
| | | VCV xz -0.00001026 | VCV yy | 0.0000918441 |
| | | VCV yz -0.000004221 | VCV zz | 0.00009961 |

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|--------|----|----------------|-------------------|------|-----------|-----------|-------------------|-----------|
| GPSVEC | TP | Point ID 20046 | | DX | 1929.198 | | DY | -2823.327 |
| | | Class Normal | | DZ | -2353.326 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.027 | | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 7 | | | PDOP max | 1.6 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.1 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 9.7 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 598076.6 | | | End wk | 1576 sec 598081.6 | |
| GPSQC2 | NM | Ttl satellites | 7 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000421929 | | | VCV xy | 0.000037002 | |
| | | VCV xz | -0.0000115114 | | | VCV yy | 0.000086993 | |
| | | VCV yz | -0.0000039299 | | | VCV zz | 0.0000991572 | |
| GPSVEC | TP | Point ID 20047 | | DX | 1885.233 | | DY | -2797.786 |
| | | Class Normal | | DZ | -2347.318 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.029 | | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs | 7 | | | PDOP max | 1.7 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.2 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.2 | |
| | | Monitor status | Not monitored | | | RMS | 12.0 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 598107.8 | | | End wk | 1576 sec 598112.8 | |
| GPSQC2 | NM | Ttl satellites | 7 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000467086 | | | VCV xy | 0.0000402578 | |
| | | VCV xz | -0.0000158454 | | | VCV yy | 0.0000945635 | |
| | | VCV yz | -0.0000040652 | | | VCV zz | 0.0001166427 | |
| GPSVEC | TP | Point ID 20048 | | DX | 1891.939 | | DY | -2786.560 |
| | | Class Normal | | DZ | -2332.542 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.030 | | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs | 7 | | | PDOP max | 1.7 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.2 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.2 | |
| | | Monitor status | Not monitored | | | RMS | 12.1 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 598128.0 | | | End wk | 1576 sec 598133.0 | |
| GPSQC2 | NM | Ttl satellites | 7 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000477196 | | | VCV xy | 0.0000408971 | |
| | | VCV xz | -0.0000173208 | | | VCV yy | 0.0000961298 | |
| | | VCV yz | -0.0000038716 | | | VCV zz | 0.0001214355 | |
| GPSVEC | TP | Point ID 20049 | | DX | 1903.576 | | DY | -2770.647 |
| | | Class Normal | | DZ | -2312.671 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.030 | | V.pr | 0.030 |
| GPSQC1 | NM | Min SVs | 7 | | | PDOP max | 1.7 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.2 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.2 | |
| | | Monitor status | Not monitored | | | RMS | 12.2 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 598147.0 | | | End wk | 1576 sec 598152.0 | |
| GPSQC2 | NM | Ttl satellites | 7 | | | Err Scale | 0.0077671972 | |
| | | VCV xx | 0.0000492699 | | | VCV xy | 0.0000420901 | |
| | | VCV xz | -0.0000186449 | | | VCV yy | 0.0000990353 | |
| | | VCV yz | -0.0000036888 | | | VCV zz | 0.0001267253 | |
| GPSVEC | TP | Point ID 20050 | | DX | 1908.897 | | DY | -2762.032 |
| | | Class Normal | | DZ | -2302.518 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.029 | | V.pr | 0.028 |
| GPSQC1 | NM | Min SVs | 7 | | | PDOP max | 1.6 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.2 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 8.2 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 598164.0 | | | End wk | 1576 sec 598169.2 | |
| GPSQC2 | NM | Ttl satellites | 7 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000453415 | | | VCV xy | 0.0000386729 | |
| | | VCV xz | -0.0000175981 | | | VCV yy | 0.0000910983 | |
| | | VCV yz | -0.0000031276 | | | VCV zz | 0.0001172631 | |
| GPSVEC | TP | Point ID 20051 | | DX | 1915.027 | | DY | -2751.514 |
| | | Class Normal | | DZ | -2291.205 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.030 | | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs | 7 | | | PDOP max | 1.7 | |
| | | Relative DOPs | Yes | | | HDOP max | 1.2 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.2 | |
| | | Monitor status | Not monitored | | | RMS | 10.8 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1576 sec 598183.2 | | | End wk | 1576 sec 598188.2 | |
| GPSQC2 | NM | Ttl satellites | 7 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.000048028 | | | VCV xy | 0.0000409309 | |
| | | VCV xz | -0.0000190211 | | | VCV yy | 0.0000965498 | |
| | | VCV yz | -0.0000029873 | | | VCV zz | 0.0001246095 | |
| GPSVEC | TP | Point ID 20052 | | DX | 1870.741 | | DY | -2728.889 |
| | | Class Normal | | DZ | -2288.567 | | Code | SPT |
| | | Obs L1 Fixed | | H.pr | 0.031 | | V.pr | 0.030 |

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| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 1.2 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 10.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598206.2 | | End wk 1576 sec 598211.2 | |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.007758534 |
| | | VCV xx | 0.0000500873 | VCV xy | 0.0000426868 |
| | | VCV xz | -0.0000201918 | VCV yy | 0.0001008581 |
| | | VCV yz | -0.0000027012 | VCV zz | 0.0001301132 |
| GPSVEC | TP | Point ID 20053 | DX 1864.304 | DY | -2740.158 |
| | | Class Normal | DZ -2300.842 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.1 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 13.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598228.2 | | End wk 1576 sec 598233.4 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000418789 | VCV xy | 0.0000372007 |
| | | VCV xz | -0.0000118005 | VCV yy | 0.0000860076 |
| | | VCV yz | -0.0000059268 | VCV zz | 0.0000778381 |
| GPSVEC | TP | Point ID 20054 | DX 1853.793 | DY | -2759.551 |
| | | Class Normal | DZ -2323.665 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.1 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598251.4 | | End wk 1576 sec 598256.4 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000436421 | VCV xy | 0.0000388809 |
| | | VCV xz | -0.0000123377 | VCV yy | 0.0000899315 |
| | | VCV yz | -0.0000060183 | VCV zz | 0.0000805095 |
| GPSVEC | TP | Point ID 20055 | DX 1845.814 | DY | -2770.169 |
| | | Class Normal | DZ -2337.718 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.1 |
| | | Total GPS pos | 7 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598270.8 | | End wk 1576 sec 598276.6 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000445361 | VCV xy | 0.000039782 |
| | | VCV xz | -0.000012583 | VCV yy | 0.0000920691 |
| | | VCV yz | -0.0000060026 | VCV zz | 0.0000815395 |
| GPSVEC | TP | Point ID 20056 | DX 1800.232 | DY | -2748.260 |
| | | Class Normal | DZ -2337.647 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 10.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598305.8 | | End wk 1576 sec 598311.0 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000433239 | VCV xy | 0.0000388971 |
| | | VCV xz | -0.0000121994 | VCV yy | 0.0000900698 |
| | | VCV yz | -0.0000056479 | VCV zz | 0.0000781135 |
| GPSVEC | TP | Point ID 20057 | DX 1810.995 | DY | -2731.312 |
| | | Class Normal | DZ -2315.869 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 7 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 14.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598327.0 | | End wk 1576 sec 598332.8 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000042144 | VCV xy | 0.0000379612 |
| | | VCV xz | -0.0000118191 | VCV yy | 0.0000879474 |
| | | VCV yz | -0.0000053818 | VCV zz | 0.0000752108 |
| GPSVEC | TP | Point ID 20058 | DX 1817.206 | DY | -2720.418 |
| | | Class Normal | DZ -2302.215 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598344.8 | | End wk 1576 sec 598349.8 | |

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|--------|----|------------------------------|--------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000416896 | | VCV xy | 0.0000376554 |
| | | VCV xz -0.0000116534 | | VCV yy | 0.0000872561 |
| | | VCV yz -0.0000052602 | | VCV zz | 0.0000737741 |
| GPSVEC | TP | Point ID 20059 | DX 1826.277 | DY | -2705.181 |
| | | Class Normal | DZ -2285.463 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 10.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598365.0 | | End wk 1576 sec 598370.0 | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000395123 | | VCV xy | 0.0000371404 |
| | | VCV xz -0.0000153166 | | VCV yy | 0.0000876264 |
| | | VCV yz -0.0000064449 | | VCV zz | 0.0000676538 |
| GPSVEC | TP | Point ID 20060 | DX 1766.828 | DY | -2675.474 |
| | | Class Normal | DZ -2281.929 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 12.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598394.0 | | End wk 1576 sec 598399.0 | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000406623 | | VCV xy | 0.0000378117 |
| | | VCV xz -0.0000138044 | | VCV yy | 0.0000885954 |
| | | VCV yz -0.000005892 | | VCV zz | 0.0000693687 |
| GPSVEC | TP | Point ID 20061 | DX 1754.910 | DY | -2684.315 |
| | | Class Normal | DZ -2295.881 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 14.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598421.2 | | End wk 1576 sec 598426.2 | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000413897 | | VCV xy | 0.0000383354 |
| | | VCV xz -0.0000129593 | | VCV yy | 0.0000894775 |
| | | VCV yz -0.0000055609 | | VCV zz | 0.0000700372 |
| GPSVEC | TP | Point ID 20062 | DX 1744.320 | DY | -2695.824 |
| | | Class Normal | DZ -2312.849 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 11.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598438.2 | | End wk 1576 sec 598443.2 | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000416387 | | VCV xy | 0.0000385432 |
| | | VCV xz -0.0000125843 | | VCV yy | 0.0000898294 |
| | | VCV yz -0.0000054058 | | VCV zz | 0.0000700136 |
| GPSVEC | TP | Point ID 20063 | DX 1730.981 | DY | -2709.134 |
| | | Class Normal | DZ -2331.756 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 13.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598461.2 | | End wk 1576 sec 598466.2 | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000417955 | | VCV xy | 0.0000391329 |
| | | VCV xz -0.000013567 | | VCV yy | 0.0000915878 |
| | | VCV yz -0.0000057736 | | VCV zz | 0.0000689849 |
| GPSVEC | TP | Point ID 20064 | DX 1700.916 | DY | -2680.601 |
| | | Class Normal | DZ -2317.169 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 14.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598488.4 | | End wk 1576 sec 598493.4 | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000434845 | | VCV xy | 0.000040617 |
| | | VCV xz -0.0000131347 | | VCV yy | 0.0000947305 |
| | | VCV yz -0.0000056086 | | VCV zz | 0.0000710786 |

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|--------|----|------------------------------|------|--------------------------|--------------|-----------|
| GPSVEC | TP | Point ID 20065 | DX | 1712.224 | DY | -2671.107 |
| | | Class Normal | DZ | -2302.665 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.026 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 14.5 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1576 sec 598506.4 | | End wk 1576 sec 598511.4 | | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000449032 | | VCV xy | 0.000041944 | |
| | | VCV xz -0.0000131402 | | VCV yy | 0.0000976944 | |
| | | VCV yz -0.0000056157 | | VCV zz | 0.0000728682 | |
| GPSVEC | TP | Point ID 20066 | DX | 1726.461 | DY | -2659.289 |
| | | Class Normal | DZ | -2283.359 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 12.5 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1576 sec 598525.4 | | End wk 1576 sec 598530.4 | | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000425367 | | VCV xy | 0.0000397692 | |
| | | VCV xz -0.0000121276 | | VCV yy | 0.0000925178 | |
| | | VCV yz -0.0000051954 | | VCV zz | 0.0000684463 | |
| GPSVEC | TP | Point ID 20067 | DX | 1734.322 | DY | -2652.052 |
| | | Class Normal | DZ | -2272.463 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 10.7 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1576 sec 598544.6 | | End wk 1576 sec 598549.6 | | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000429547 | | VCV xy | 0.0000402237 | |
| | | VCV xz -0.000012002 | | VCV yy | 0.0000934693 | |
| | | VCV yz -0.0000051628 | | VCV zz | 0.0000684914 | |
| GPSVEC | TP | Point ID 20068 | DX | 1683.399 | DY | -2616.265 |
| | | Class Normal | DZ | -2257.294 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.025 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 7 | | PDOP max | 1.5 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 10.5 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1576 sec 598578.8 | | End wk 1576 sec 598583.8 | | |
| GPSQC2 | NM | Ttl satellites 7 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000449797 | | VCV xy | 0.0000427755 | |
| | | VCV xz -0.0000121788 | | VCV yy | 0.0000969254 | |
| | | VCV yz -0.0000055653 | | VCV zz | 0.0000678802 | |
| GPSVEC | TP | Point ID 20069 | DX | 1669.529 | DY | -2627.420 |
| | | Class Normal | DZ | -2275.897 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.025 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 14.2 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1576 sec 598637.0 | | End wk 1576 sec 598642.0 | | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000428535 | | VCV xy | 0.0000400892 | |
| | | VCV xz -0.000011511 | | VCV yy | 0.0000951924 | |
| | | VCV yz -0.0000047576 | | VCV zz | 0.0000677843 | |
| GPSVEC | TP | Point ID 20070 | DX | 1655.399 | DY | -2638.794 |
| | | Class Normal | DZ | -2295.507 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.025 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 8 | | PDOP max | 1.5 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 7 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 13.3 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1576 sec 598663.4 | | End wk 1576 sec 598669.2 | | |
| GPSQC2 | NM | Ttl satellites 8 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000444969 | | VCV xy | 0.0000420028 | |
| | | VCV xz -0.0000118272 | | VCV yy | 0.0000987295 | |
| | | VCV yz -0.0000050608 | | VCV zz | 0.0000684037 | |
| GPSVEC | TP | Point ID 20071 | DX | 1616.786 | DY | -2609.422 |
| | | Class Normal | DZ | -2283.480 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.025 | V.pr | 0.027 |

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|--------|----|------------------------------------|---------------|--------------------------|--------------|
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 11.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598707.2 | | End wk 1576 sec 598712.2 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000044702 | VCV xy | 0.0000426464 |
| | | VCV xz | -0.000011743 | VCV yy | 0.0000993673 |
| | | VCV yz | -0.0000052249 | VCV zz | 0.0000663732 |
| GPSVEC | TP | Point ID 20072 | DX 1629.270 | DY | -2599.018 |
| | | Class Normal | DZ -2264.585 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 13.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598729.2 | | End wk 1576 sec 598734.2 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000458058 | VCV xy | 0.0000438859 |
| | | VCV xz | -0.0000119826 | VCV yy | 0.0001020201 |
| | | VCV yz | -0.0000054138 | VCV zz | 0.0000670735 |
| GPSVEC | TP | Point ID 20073 | DX 1642.694 | DY | -2586.987 |
| | | Class Normal | DZ -2244.130 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 8.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598749.4 | | End wk 1576 sec 598754.4 | |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000468354 | VCV xy | 0.000043852 |
| | | VCV xz | -0.0000127026 | VCV yy | 0.000090857 |
| | | VCV yz | -0.000010009 | VCV zz | 0.0000626814 |
| GPSVEC | TP | Point ID 20074 | DX 1620.903 | DY | -2574.465 |
| | | Class Normal | DZ -2240.915 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.028 |
| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 8.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598774.4 | | End wk 1576 sec 598779.4 | |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000507545 | VCV xy | 0.0000500698 |
| | | VCV xz | -0.0000132408 | VCV yy | 0.0001018838 |
| | | VCV yz | -0.0000096421 | VCV zz | 0.0000625984 |
| GPSVEC | TP | Point ID 20075 | DX 1613.762 | DY | -2590.137 |
| | | Class Normal | DZ -2262.647 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 8 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 10.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598799.6 | | End wk 1576 sec 598805.4 | |
| GPSQC2 | NM | Ttl satellites | 8 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000440038 | VCV xy | 0.0000420612 |
| | | VCV xz | -0.0000116215 | VCV yy | 0.0000946473 |
| | | VCV yz | -0.0000069098 | VCV zz | 0.0000621364 |
| GPSVEC | TP | Point ID 20076 | DX 1609.492 | DY | -2603.359 |
| | | Class Normal | DZ -2280.380 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec 598875.8 | | End wk 1576 sec 598880.8 | |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000466072 | VCV xy | 0.0000457179 |
| | | VCV xz | -0.0000122441 | VCV yy | 0.0001037239 |
| | | VCV yz | -0.0000067982 | VCV zz | 0.0000622753 |
| NOTE | TS | Time Date 03/27/2010 Time 14:44:34 | | | |
| GPSVEC | TP | Point ID 20077 | DX 1582.576 | DY | -2564.383 |
| | | Class Normal | DZ -2250.107 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.031 |

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|--------|----|------------------------------------|---------------|-----------------|------------------|
| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 8.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 600285.8 | End wk 1576 sec | 600290.8 |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000540943 | VCV xy | 0.000062571 |
| | | VCV xz | -0.0000177448 | VCV yy | 0.0001234334 |
| | | VCV yz | -0.0000215806 | VCV zz | 0.0000448567 |
| GPSVEC | TP | Point ID 20078 | DX 1587.824 | DY | -2580.483 |
| | | Class Normal | DZ -2265.606 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr | 0.038 |
| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 10.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 600303.8 | End wk 1576 sec | 600308.8 |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0085603893 |
| | | VCV xx | 0.0000737926 | VCV xy | 0.0000764091 |
| | | VCV xz | -0.0000213886 | VCV yy | 0.0001622048 |
| | | VCV yz | -0.0000273947 | VCV zz | 0.0000610694 |
| GPSVEC | TP | Point ID 20079 | DX 1592.908 | DY | -2596.866 |
| | | Class Normal | DZ -2282.168 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 12.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 600350.8 | End wk 1576 sec | 600355.8 |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000558091 | VCV xy | 0.000059852 |
| | | VCV xz | -0.0000165272 | VCV yy | 0.0001245976 |
| | | VCV yz | -0.0000218018 | VCV zz | 0.0000449552 |
| GPSVEC | SO | Point ID 200106 | DX 1975.941 | DY | -3241.920 |
| | | Class Stake out | DZ -2848.488 | Code | POSTCHK.CP-106.3 |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.033 |
| F-CODE | SO | Code POSTCHK.CP-106.3-27-10.MV | | | |
| GPSQC1 | NM | Min SVs | 6 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 9.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 601143.2 | End wk 1576 sec | 601148.2 |
| GPSQC2 | NM | Ttl satellites | 6 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000679193 | VCV xy | 0.0000660348 |
| | | VCV xz | -0.0000219856 | VCV yy | 0.0001312042 |
| | | VCV yz | -0.0000372243 | VCV zz | 0.0000606407 |
| PT DGN | SO | Name | 106 | To the Point | |
| GRID D | SO | Delta N | 0.009 | Delta E | 0.027 |
| | | Delta Elv | -0.012 | | |
| NOTE | TS | Time Date 03/27/2010 Time 15:25:40 | | | |
| GPSVEC | TP | Point ID 200108 | DX 1560.892 | DY | -2564.500 |
| | | Class Normal | DZ -2262.058 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.021 | 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 | 1.1 |
| | | Monitor status | Not monitored | RMS | 9.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 602751.6 | End wk 1576 sec | 602756.6 |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000432063 | VCV xy | 0.0000312347 |
| | | VCV xz | -0.0000098944 | VCV yy | 0.0000739233 |
| | | VCV yz | -0.0000350484 | VCV zz | 0.0000696537 |
| GPSVEC | TP | Point ID 200109 | DX 1565.427 | DY | -2570.283 |
| | | Class Normal | DZ -2266.022 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.028 |
| GPSQC1 | NM | Min SVs | 7 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 7 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 11.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1576 sec | 602769.0 | End wk 1576 sec | 602774.8 |
| GPSQC2 | NM | Ttl satellites | 7 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000042739 | VCV xy | 0.0000307294 |
| | | VCV xz | -0.0000096125 | VCV yy | 0.0000733042 |
| | | VCV yz | -0.0000352016 | VCV zz | 0.000070183 |

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|--------|----|-----------------|--------------|--------------|
| GPSVEC | TP | Point ID 200110 | DX 1579.855 | DY -2594.599 |
| | | Class Normal | DZ -2286.982 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.028 |

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|--------|----|------------------------------|--------------------------|
| 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 8.3 |
| | | Horz SD | Vert SD |
| | | Start wk 1576 sec 602788.2 | End wk 1576 sec 602793.2 |

| | | | |
|--------|----|----------------------|------------------------|
| GPSQC2 | NM | Ttl satellites 7 | Err Scale 0.0077459668 |
| | | VCV xx 0.000042706 | VCV xy 0.0000305453 |
| | | VCV xz -0.000009449 | VCV yy 0.0000733377 |
| | | VCV yz -0.0000356727 | VCV zz 0.0000712511 |

SURVEY EVENTKISurvey event Survey ended

| | | | |
|--------|----|--------------|---------------|
| SURVEY | KI | Elev mask 10 | PDOP mask 6.0 |
| SURVEY | KI | Elev mask 10 | PDOP mask 6.0 |
| SURVEY | KI | Elev mask 10 | PDOP mask 6.0 |

SURVEY EVENTKISurvey event Rover survey started

| | | | |
|--------|----|------------------|----------------|
| GPSANT | KI | Antenna ht 0.000 | Measuremt True |
|--------|----|------------------|----------------|

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|--------|----|----------------|----------------------|-----------------------|
| 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> |

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|-------|----|------------------------------|---------------------|
| 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

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|--------|----|------------------|----------------|
| GPSANT | KI | Antenna ht 5.151 | Measuremt True |
|--------|----|------------------|----------------|

GPSREF KI Reference 60000

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|------|----|-----------------------|----------------------|
| INIT | KI | Init event Gained | Week 1576 |
| | | Init type On the fly | seconds 603088.0 |
| | | Init counter 2 | Point ID <no text> |
| | | Survey type Real Time | Plate H.Dist <null> |
| | | Plate V.Dist <null> | Plate azimuth <null> |

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

NOTE NM Receiver firmware version=4.120

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|--------|----|------------------|-----------------------|
| GPSANT | KI | Antenna ht 6.562 | Measuremt Uncorrected |
|--------|----|------------------|-----------------------|

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|--------|----|-----------------|--------------|-----------------|
| GPSVEC | SO | Point ID 112 | DX 1580.584 | DY -2558.819 |
| | | Class Stake out | DZ -2245.514 | Code BATSWAPCHK |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr 0.025 |

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|--------|----|------------------------------|--------------------------|
| GPSQC1 | NM | Min SVs 7 | PDOP max 1.3 |
| | | Relative DOPs Yes | HDOP max 0.8 |
| | | Total GPS pos 6 | VDOP max 1.0 |
| | | Monitor status Not monitored | RMS 11.0 |
| | | Horz SD | Vert SD |
| | | Start wk 1576 sec 603145.6 | End wk 1576 sec 603150.6 |

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|--------|----|----------------------|------------------------|
| GPSQC2 | NM | Ttl satellites 7 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000330052 | VCV xy 0.0000217899 |
| | | VCV xz -0.0000057955 | VCV yy 0.0000574029 |
| | | VCV yz -0.000032774 | VCV zz 0.0000692849 |

PT DGN SO Name 500042 To the Point

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|--------|----|------------------|---------------|
| GRID D | SO | Delta N -0.013 | Delta E 0.000 |
| | | Delta Elv -0.038 | |

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|--------|----|-------------------|--------------|--------------|
| GPSVEC | SO | Point ID 60500068 | DX 1586.873 | DY -2591.735 |
| | | Class Stake out | DZ -2279.518 | Code 500068 |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.027 |

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|--------|----|------------------------------|--------------------------|
| 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 8.7 |
| | | Horz SD | Vert SD |
| | | Start wk 1576 sec 603222.2 | End wk 1576 sec 603227.2 |

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|--------|----|----------------------|------------------------|
| GPSQC2 | NM | Ttl satellites 7 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000372761 | VCV xy 0.0000241677 |
| | | VCV xz -0.0000061248 | VCV yy 0.0000649893 |
| | | VCV yz -0.0000389353 | VCV zz 0.0000807087 |

PT DGN SO Name 500068 To the Point

| | | | |
|--------|----|-----------------|----------------|
| GRID D | SO | Delta N 0.039 | Delta E -0.010 |
| | | Delta Elv 0.019 | |

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|--------|----|--|--------------------------|-----------------------|
| GPSVEC | SO | Point ID 60500069 | DX 1566.037 | DY -2595.589 |
| | | Class Stake out | DZ -2296.359 | Code 500069 |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr 0.027 |
| GPSQC1 | NM | Min SVs 7 | PDOP max 1.4 | |
| | | Relative DOPs Yes | HDOP max 0.8 | |
| | | Total GPS pos 6 | VDOP max 1.1 | |
| | | Monitor status Not monitored | RMS 8.1 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 603321.6 | End wk 1576 sec 603326.6 | |
| GPSQC2 | NM | Ttl satellites 7 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000350926 | VCV xy 0.0000222635 | |
| | | VCV xz -0.0000052125 | VCV yy 0.0000615436 | |
| | | VCV yz -0.0000389883 | VCV zz 0.0000793995 | |
| PT DGN | SO | Name 500069 | To the Point | |
| GRID D | SO | Delta N -0.067 | Delta E 0.043 | |
| | | Delta Elv -0.018 | | |
| GPSVEC | TP | Point ID 113 | DX 1579.527 | DY -2628.042 |
| | | Class Del normal | DZ -2327.860 | Code ASB SPT |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr 0.028 |
| GPSQC1 | NM | Min SVs 7 | PDOP max 1.4 | |
| | | Relative DOPs Yes | HDOP max 0.8 | |
| | | Total GPS pos 6 | VDOP max 1.1 | |
| | | Monitor status Not monitored | RMS 8.8 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 603492.2 | End wk 1576 sec 603497.2 | |
| GPSQC2 | NM | Ttl satellites 7 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000360571 | VCV xy 0.0000220583 | |
| | | VCV xz -0.000004368 | VCV yy 0.0000643589 | |
| | | VCV yz -0.0000442328 | VCV zz 0.000088378 | |
| NOTE | NM | Deleted 3:50:00 PM 3/27/2010 | | |
| NOTE | NM | Following data imported from CHANNEL-STAKE.job | | |
| GPSANT | KI | Antenna ht 0.000 | Measuremt True | |
| GPSPOS | SO | Point ID 60001 | Lat 36°02'51.73886"N | Lng 115°00'53.68675"W |
| | | Class Stake out | Hgt 1671.361 | Code 500078-500070 |
| | | Obs User Input | H.pr <null> | V.pr <null> |
| GPSPOS | SO | Point ID 60002 | Lat 36°02'51.67213"N | Lng 115°00'53.24782"W |
| | | Class Stake out | Hgt 1671.828 | Code TP1-UP |
| | | Obs User Input | H.pr <null> | V.pr <null> |
| GPSANT | KI | Antenna ht 6.562 | Measuremt Uncorrected | |
| GPSVEC | SO | Point ID 6060001 | DX 1565.227 | DY -2619.159 |
| | | Class Stake out | DZ -2325.247 | Code 60001 |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr 0.037 |
| GPSQC1 | NM | Min SVs 9 | PDOP max 1.7 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 7 | VDOP max 1.4 | |
| | | Monitor status Not monitored | RMS 17.9 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 604449.2 | End wk 1576 sec 604455.0 | |
| GPSQC2 | NM | Ttl satellites 9 | Err Scale 0.0081475219 | |
| | | VCV xx 0.0000341911 | VCV xy 0.0000156885 | |
| | | VCV xz 0.0000027819 | VCV yy 0.0000918844 | |
| | | VCV yz -0.000101089 | VCV zz 0.0001865199 | |
| PT DGN | SO | Name 60001 | To the Point | |
| GRID D | SO | Delta N -0.103 | Delta E 0.034 | |
| | | Delta Elv 0.085 | | |
| NOTE | TS | Time Date 03/27/2010 Time 15:59:19 | | |
| GPSVEC | SO | Point ID 60500079 | DX 1563.426 | DY -2664.740 |
| | | Class Stake out | DZ -2382.256 | Code 500079 |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr 0.038 |
| GPSQC1 | NM | Min SVs 9 | PDOP max 1.7 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 7 | VDOP max 1.4 | |
| | | Monitor status Not monitored | RMS 18.3 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1576 sec 604768.0 | End wk 1576 sec 604773.8 | |
| GPSQC2 | NM | Ttl satellites 9 | Err Scale 0.0084558949 | |
| | | VCV xx 0.0000343315 | VCV xy 0.0000166809 | |
| | | VCV xz 0.000000183 | VCV yy 0.0000999226 | |
| | | VCV yz -0.0001108414 | VCV zz 0.0001954019 | |
| PT DGN | SO | Name 500079 | To the Point | |
| GRID D | SO | Delta N -0.083 | Delta E 0.017 | |
| | | Delta Elv -0.031 | | |
| GPSVEC | SO | Point ID 60500076 | DX 1555.409 | DY -2682.525 |
| | | Class Stake out | DZ -2409.138 | Code 500076 |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr 0.039 |

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|--------|----|-------------------|---------------|--------------|--------------|
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 18.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 | sec 3.0 | End wk 1577 | sec 8.0 |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.008518531 |
| | | VCV xx | 0.0000348547 | VCV xy | 0.0000171477 |
| | | VCV xz | -0.0000002791 | VCV yy | 0.0001016729 |
| | | VCV yz | -0.0001124426 | VCV zz | 0.0001972918 |
| PT DGN | SO | Name | 500076 | To the Point | |
| GRID D | SO | Delta N | -0.021 | Delta E | 0.005 |
| | | Delta Elv | 0.017 | | |
| GPSVEC | SO | Point ID 60500075 | DX 1534.899 | DY | -2724.892 |
| | | Class Stake out | DZ -2473.769 | Code | 500075 |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.039 |
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 15.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 | sec 52.4 | End wk 1577 | sec 57.4 |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.0086651323 |
| | | VCV xx | 0.0000361228 | VCV xy | 0.0000181184 |
| | | VCV xz | -0.0000010372 | VCV yy | 0.000105697 |
| | | VCV yz | -0.0001162713 | VCV zz | 0.0002024727 |
| PT DGN | SO | Name | 500075 | To the Point | |
| GRID D | SO | Delta N | -0.091 | Delta E | 0.074 |
| | | Delta Elv | -0.005 | | |
| GPSVEC | SO | Point ID 60500074 | DX 1518.814 | DY | -2758.350 |
| | | Class Stake out | DZ -2524.751 | Code | 500074 |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.040 |
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.7 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 17.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 | sec 178.0 | End wk 1577 | sec 183.0 |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.0088760024 |
| | | VCV xx | 0.0000382467 | VCV xy | 0.0000201988 |
| | | VCV xz | -0.0000032097 | VCV yy | 0.0001124471 |
| | | VCV yz | -0.0001217114 | VCV zz | 0.0002077042 |
| PT DGN | SO | Name | 500074 | To the Point | |
| GRID D | SO | Delta N | 0.099 | Delta E | -0.033 |
| | | Delta Elv | -0.018 | | |
| GPSVEC | TP | Point ID 20080 | DX 1520.387 | DY | -2791.618 |
| | | Class Normal | DZ -2563.543 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.040 |
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 16.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 | sec 317.4 | End wk 1577 | sec 322.4 |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.0088776406 |
| | | VCV xx | 0.0000388595 | VCV xy | 0.0000217868 |
| | | VCV xz | -0.0000057974 | VCV yy | 0.0001144395 |
| | | VCV yz | -0.0001212937 | VCV zz | 0.0002020919 |
| GPSVEC | TP | Point ID 20081 | DX 1536.716 | DY | -2795.187 |
| | | Class Normal | DZ -2556.932 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.040 |
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 15.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 | sec 330.4 | End wk 1577 | sec 335.4 |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.0088549107 |
| | | VCV xx | 0.0000387328 | VCV xy | 0.0000218208 |
| | | VCV xz | -0.0000059828 | VCV yy | 0.000114051 |
| | | VCV yz | -0.0001206091 | VCV zz | 0.0002004827 |
| GPSVEC | TP | Point ID 20082 | DX 1543.244 | DY | -2810.819 |
| | | Class Normal | DZ -2570.891 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.040 |
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.4 |
| | | Monitor status | Not monitored | RMS | 15.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 | sec 344.4 | End wk 1577 | sec 349.4 |

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|--------|----|------------------------------|--------------|------------------------|
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale 0.0088644633 |
| | | VCV xx 0.0000388924 | | VCV xy 0.0000220422 |
| | | VCV xz -0.0000062675 | | VCV yy 0.0001144763 |
| | | VCV yz -0.0001208035 | | VCV zz 0.0002003537 |
| GPSVEC | TP | Point ID 20083 | DX 1534.555 | DY -2811.772 |
| | | Class Normal | DZ -2578.196 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max 1.6 |
| | | Relative DOPs Yes | | HDOP max 0.9 |
| | | Total GPS pos 6 | | VDOP max 1.4 |
| | | Monitor status Not monitored | | RMS 15.6 |
| | | Horz SD | | Vert SD |
| | | Start wk 1577 sec 356.6 | | End wk 1577 sec 361.6 |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale 0.0088611022 |
| | | VCV xx 0.0000389266 | | VCV xy 0.0000221707 |
| | | VCV xz -0.0000064878 | | VCV yy 0.0001145537 |
| | | VCV yz -0.0001206591 | | VCV zz 0.000199712 |
| GPSVEC | TP | Point ID 20084 | DX 1549.607 | DY -2831.131 |
| | | Class Normal | DZ -2592.032 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max 1.6 |
| | | Relative DOPs Yes | | HDOP max 0.9 |
| | | Total GPS pos 6 | | VDOP max 1.4 |
| | | Monitor status Not monitored | | RMS 15.6 |
| | | Horz SD | | Vert SD |
| | | Start wk 1577 sec 370.6 | | End wk 1577 sec 375.6 |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale 0.008931607 |
| | | VCV xx 0.0000396232 | | VCV xy 0.0000227011 |
| | | VCV xz -0.0000068664 | | VCV yy 0.0001165807 |
| | | VCV yz -0.000122527 | | VCV zz 0.0002023219 |
| GPSVEC | TP | Point ID 20085 | DX 1568.602 | DY -2849.747 |
| | | Class Normal | DZ -2602.332 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max 1.6 |
| | | Relative DOPs Yes | | HDOP max 0.9 |
| | | Total GPS pos 6 | | VDOP max 1.4 |
| | | Monitor status Not monitored | | RMS 15.7 |
| | | Horz SD | | Vert SD |
| | | Start wk 1577 sec 385.6 | | End wk 1577 sec 390.6 |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale 0.0089511247 |
| | | VCV xx 0.0000398874 | | VCV xy 0.000022998 |
| | | VCV xz -0.0000071969 | | VCV yy 0.0001173204 |
| | | VCV yz -0.0001230027 | | VCV zz 0.0002025771 |
| GPSVEC | TP | Point ID 20086 | DX 1551.549 | DY -2846.073 |
| | | Class Normal | DZ -2612.524 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max 1.6 |
| | | Relative DOPs Yes | | HDOP max 0.9 |
| | | Total GPS pos 7 | | VDOP max 1.3 |
| | | Monitor status Not monitored | | RMS 16.9 |
| | | Horz SD | | Vert SD |
| | | Start wk 1577 sec 643.6 | | End wk 1577 sec 649.2 |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale 0.0090065561 |
| | | VCV xx 0.000037137 | | VCV xy 0.0000211109 |
| | | VCV xz -0.0000093885 | | VCV yy 0.0001203947 |
| | | VCV yz -0.0001253551 | | VCV zz 0.0002011374 |
| GPSVEC | TP | Point ID 20087 | DX 1529.035 | DY -2817.231 |
| | | Class Normal | DZ -2590.482 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max 1.6 |
| | | Relative DOPs Yes | | HDOP max 0.9 |
| | | Total GPS pos 6 | | VDOP max 1.3 |
| | | Monitor status Not monitored | | RMS 19.5 |
| | | Horz SD | | Vert SD |
| | | Start wk 1577 sec 681.6 | | End wk 1577 sec 687.4 |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale 0.0090800673 |
| | | VCV xx 0.0000402694 | | VCV xy 0.000024614 |
| | | VCV xz -0.0000116023 | | VCV yy 0.0001238986 |
| | | VCV yz -0.0001263273 | | VCV zz 0.0001995846 |
| GPSVEC | TP | Point ID 20088 | DX 1497.928 | DY -2777.230 |
| | | Class Normal | DZ -2560.785 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.028 | V.pr 0.040 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max 1.6 |
| | | Relative DOPs Yes | | HDOP max 0.9 |
| | | Total GPS pos 6 | | VDOP max 1.3 |
| | | Monitor status Not monitored | | RMS 17.7 |
| | | Horz SD | | Vert SD |
| | | Start wk 1577 sec 725.0 | | End wk 1577 sec 730.0 |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale 0.0091483239 |
| | | VCV xx 0.0000423591 | | VCV xy 0.0000271341 |
| | | VCV xz -0.0000135606 | | VCV yy 0.0001270576 |
| | | VCV yz -0.0001276368 | | VCV zz 0.0001989455 |

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|--------|----|------------------------------|------------------------|--------------|
| GPSVEC | TP | Point ID 20089 | DX 1500.701 | DY -2753.486 |
| | | Class Normal | DZ -2529.931 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr 0.039 |
| GPSQC1 | NM | Min SVs 9 | PDOP max 1.6 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.3 | |
| | | Monitor status Not monitored | RMS 20.1 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1577 sec 755.2 | End wk 1577 sec 760.4 | |
| GPSQC2 | NM | Ttl satellites 9 | Err Scale 0.0088672657 | |
| | | VCV xx 0.0000423542 | VCV xy 0.0000263799 | |
| | | VCV xz -0.0000113261 | VCV yy 0.0001229471 | |
| | | VCV yz -0.0001183177 | VCV zz 0.0001801728 | |
| GPSVEC | TP | Point ID 20090 | DX 1504.607 | DY -2714.175 |
| | | Class Del normal | DZ -2479.225 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.028 | V.pr 0.041 |
| GPSQC1 | NM | Min SVs 9 | PDOP max 1.6 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 7 | VDOP max 1.3 | |
| | | Monitor status Not monitored | RMS 17.6 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1577 sec 809.0 | End wk 1577 sec 814.6 | |
| GPSQC2 | NM | Ttl satellites 9 | Err Scale 0.0094415564 | |
| | | VCV xx 0.0000471328 | VCV xy 0.000030905 | |
| | | VCV xz -0.0000157467 | VCV yy 0.0001326255 | |
| | | VCV yz -0.000134663 | VCV zz 0.0002107236 | |
| NOTE | NM | Deleted 4:13:28 PM 3/27/2010 | | |
| GPSVEC | TP | Point ID 20091 | DX 1504.582 | DY -2714.145 |
| | | Class Normal | DZ -2479.244 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr 0.042 |
| GPSQC1 | NM | Min SVs 9 | PDOP max 1.6 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.3 | |
| | | Monitor status Not monitored | RMS 20.1 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1577 sec 834.0 | End wk 1577 sec 839.0 | |
| GPSQC2 | NM | Ttl satellites 9 | Err Scale 0.009559758 | |
| | | VCV xx 0.0000477035 | VCV xy 0.0000320146 | |
| | | VCV xz -0.0000171605 | VCV yy 0.0001380137 | |
| | | VCV yz -0.0001388887 | VCV zz 0.0002140786 | |
| INIT | KI | Init event High RMS | Week 1577 | |
| | | Init type On the fly | seconds 874.0 | |
| | | Init counter 2 | Point ID <no text> | |
| | | Survey type Real Time | Plate H.Dist <null> | |
| | | Plate V.Dist <null> | Plate azimuth <null> | |
| INIT | KI | Init event Good RMS | Week 1577 | |
| | | Init type On the fly | seconds 876.0 | |
| | | Init counter 2 | Point ID <no text> | |
| | | Survey type Real Time | Plate H.Dist <null> | |
| | | Plate V.Dist <null> | Plate azimuth <null> | |
| GPSVEC | TP | Point ID 20092 | DX 1509.630 | DY -2666.033 |
| | | Class Normal | DZ -2416.878 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr 0.042 |
| GPSQC1 | NM | Min SVs 9 | PDOP max 1.6 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.3 | |
| | | Monitor status Not monitored | RMS 21.3 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1577 sec 882.8 | End wk 1577 sec 888.4 | |
| GPSQC2 | NM | Ttl satellites 9 | Err Scale 0.00965246 | |
| | | VCV xx 0.0000483272 | VCV xy 0.0000335476 | |
| | | VCV xz -0.0000192491 | VCV yy 0.0001434479 | |
| | | VCV yz -0.0001421832 | VCV zz 0.0002147159 | |
| GPSVEC | TP | Point ID 20093 | DX 1513.630 | DY -2629.817 |
| | | Class Normal | DZ -2369.811 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr 0.042 |
| GPSQC1 | NM | Min SVs 9 | PDOP max 1.6 | |
| | | Relative DOPs Yes | HDOP max 0.9 | |
| | | Total GPS pos 6 | VDOP max 1.3 | |
| | | Monitor status Not monitored | RMS 16.9 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1577 sec 921.6 | End wk 1577 sec 926.6 | |
| GPSQC2 | NM | Ttl satellites 9 | Err Scale 0.0096826991 | |
| | | VCV xx 0.0000488374 | VCV xy 0.0000346083 | |
| | | VCV xz -0.0000206395 | VCV yy 0.0001457889 | |
| | | VCV yz -0.0001430608 | VCV zz 0.0002135933 | |
| GPSVEC | TP | Point ID 20094 | DX 1516.352 | DY -2605.904 |
| | | Class Normal | DZ -2338.682 | Code SPT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr 0.042 |

| | | | | | |
|--------|----|--------------------------|---------------|------------------------|--------------|
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 16.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 948.8 | | End wk 1577 sec 953.8 | |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.0096635129 |
| | | VCV xx | 0.0000488978 | VCV xy | 0.0000350808 |
| | | VCV xz | -0.000021381 | VCV yy | 0.0001460651 |
| | | VCV yz | -0.0001423822 | VCV zz | 0.0002110885 |
| GPSVEC | TP | Point ID 20095 | DX 1517.977 | DY | -2592.073 |
| | | Class Normal | DZ -2320.724 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr | 0.042 |
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 16.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 973.8 | | End wk 1577 sec 978.8 | |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.0096304845 |
| | | VCV xx | 0.0000488252 | VCV xy | 0.0000353934 |
| | | VCV xz | -0.0000219545 | VCV yy | 0.0001457548 |
| | | VCV yz | -0.0001412583 | VCV zz | 0.0002081587 |
| GPSVEC | TP | Point ID 20096 | DX 1519.799 | DY | -2584.846 |
| | | Class Normal | DZ -2310.764 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr | 0.042 |
| GPSQC1 | NM | Min SVs | 9 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 16.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 998.0 | | End wk 1577 sec 1003.0 | |
| GPSQC2 | NM | Ttl satellites | 9 | Err Scale | 0.0095941257 |
| | | VCV xx | 0.0000487303 | VCV xy | 0.0000356609 |
| | | VCV xz | -0.0000224679 | VCV yy | 0.0001452853 |
| | | VCV yz | -0.0001400392 | VCV zz | 0.0002051979 |
| GPSVEC | TP | Point ID 20097 | DX 1527.629 | DY | -2572.681 |
| | | Class Normal | DZ -2291.108 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1059.6 | | End wk 1577 sec 1065.4 | |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0087503521 |
| | | VCV xx | 0.0000487217 | VCV xy | 0.0000354529 |
| | | VCV xz | -0.0000224483 | VCV yy | 0.0001048605 |
| | | VCV yz | -0.0000850794 | VCV zz | 0.0001295037 |
| GPSVEC | TP | Point ID 20098 | DX 1541.089 | DY | -2564.042 |
| | | Class Normal | DZ -2272.782 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1096.6 | | End wk 1577 sec 1102.4 | |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.008739477 |
| | | VCV xx | 0.0000489842 | VCV xy | 0.0000359451 |
| | | VCV xz | -0.0000231008 | VCV yy | 0.0001050674 |
| | | VCV yz | -0.0000846143 | VCV zz | 0.0001277422 |
| GPSVEC | TP | Point ID 20099 | DX 1556.167 | DY | -2561.376 |
| | | Class Normal | DZ -2261.195 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1127.6 | | End wk 1577 sec 1132.6 | |
| GPSQC2 | NM | Ttl satellites | 10 | Err Scale | 0.0087380447 |
| | | VCV xx | 0.0000493108 | VCV xy | 0.0000364237 |
| | | VCV xz | -0.0000236734 | VCV yy | 0.0001054064 |
| | | VCV yz | -0.0000843592 | VCV zz | 0.0001265282 |
| GPSVEC | TP | Point ID 20100 | DX 1560.720 | DY | -2567.295 |
| | | Class Normal | DZ -2265.201 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs | 10 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 7 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 14.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1143.2 | | End wk 1577 sec 1148.8 | |

| | | | | | |
|--------|----|------------------------------|--------------|------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0087322788 |
| | | VCV xx 0.0000494318 | | VCV xy | 0.000036632 |
| | | VCV xz -0.0000239371 | | VCV yy | 0.0001054591 |
| | | VCV yz -0.0000841197 | | VCV zz | 0.0001257439 |
| GPSVEC | TP | Point ID 20101 | DX 1504.127 | DY | -2754.470 |
| | | Class Normal | DZ -2528.882 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 7 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 16.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1265.4 | | End wk 1577 sec 1271.2 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0089523019 |
| | | VCV xx 0.0000536973 | | VCV xy | 0.0000407837 |
| | | VCV xz -0.0000276679 | | VCV yy | 0.0001125971 |
| | | VCV yz -0.0000872599 | | VCV zz | 0.0001268181 |
| GPSVEC | TP | Point ID 20102 | DX 1508.465 | DY | -2714.789 |
| | | Class Normal | DZ -2477.471 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 16.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1290.4 | | End wk 1577 sec 1295.4 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0089216391 |
| | | VCV xx 0.0000536465 | | VCV xy | 0.0000409202 |
| | | VCV xz -0.0000279186 | | VCV yy | 0.0001121729 |
| | | VCV yz -0.0000864547 | | VCV zz | 0.000124945 |
| GPSVEC | TP | Point ID 20103 | DX 1511.093 | DY | -2691.867 |
| | | Class Normal | DZ -2447.673 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 17.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1309.6 | | End wk 1577 sec 1314.6 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0088940114 |
| | | VCV xx 0.0000535422 | | VCV xy | 0.00004098 |
| | | VCV xz -0.0000280871 | | VCV yy | 0.0001117107 |
| | | VCV yz -0.0000857657 | | VCV zz | 0.0001234329 |
| GPSVEC | TP | Point ID 20104 | DX 1513.210 | DY | -2667.103 |
| | | Class Normal | DZ -2415.925 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 18.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1327.8 | | End wk 1577 sec 1332.8 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0089163119 |
| | | VCV xx 0.0000540355 | | VCV xy | 0.0000415005 |
| | | VCV xz -0.0000285766 | | VCV yy | 0.0001124853 |
| | | VCV yz -0.0000860579 | | VCV zz | 0.000123364 |
| GPSVEC | TP | Point ID 20105 | DX 1517.413 | DY | -2630.835 |
| | | Class Normal | DZ -2368.804 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.3 |
| | | Monitor status Not monitored | | RMS | 17.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1354.2 | | End wk 1577 sec 1359.2 | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.0078903427 |
| | | VCV xx 0.0000545333 | | VCV xy | 0.0000422783 |
| | | VCV xz -0.000029699 | | VCV yy | 0.0001131903 |
| | | VCV yz -0.0000867035 | | VCV zz | 0.0001237907 |
| GPSVEC | TP | Point ID 20106 | DX 1520.937 | DY | -2607.130 |
| | | Class Normal | DZ -2337.469 | Code | SPT |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 |
| | | Relative DOPs Yes | | HDOP max | 1.0 |
| | | Total GPS pos 6 | | VDOP max | 1.4 |
| | | Monitor status Not monitored | | RMS | 15.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1577 sec 1372.4 | | End wk 1577 sec 1377.4 | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.0078858957 |
| | | VCV xx 0.0000545306 | | VCV xy | 0.000042662 |
| | | VCV xz -0.0000306168 | | VCV yy | 0.0001129381 |
| | | VCV yz -0.0000869066 | | VCV zz | 0.0001238588 |

| | | | | | | |
|--------|----|------------------------------|--------|------------------------|--------------|-----------|
| GPSVEC | TP | Point ID 20107 | DX | 1522.648 | DY | -2593.428 |
| | | Class Normal | DZ | -2319.465 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.4 | |
| | | Monitor status Not monitored | | RMS | 16.8 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1577 sec 1387.6 | | End wk 1577 sec 1392.6 | | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.0078896265 | |
| | | VCV xx 0.0000546877 | | VCV xy | 0.0000430374 | |
| | | VCV xz -0.0000312806 | | VCV yy | 0.0001130454 | |
| | | VCV yz -0.000087153 | | VCV zz | 0.0001239693 | |
| GPSVEC | TP | Point ID 20108 | DX | 1524.605 | DY | -2586.712 |
| | | Class Normal | DZ | -2310.070 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.4 | |
| | | Monitor status Not monitored | | RMS | 15.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1577 sec 1400.8 | | End wk 1577 sec 1405.8 | | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.0079097245 | |
| | | VCV xx 0.0000551013 | | VCV xy | 0.0000435613 | |
| | | VCV xz -0.0000319461 | | VCV yy | 0.0001136837 | |
| | | VCV yz -0.0000877081 | | VCV zz | 0.0001245052 | |
| GPSVEC | TP | Point ID 20109 | DX | 1532.291 | DY | -2575.535 |
| | | Class Del normal | DZ | -2291.624 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 7 | | VDOP max | 1.4 | |
| | | Monitor status Not monitored | | RMS | 15.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1577 sec 1415.0 | | End wk 1577 sec 1420.8 | | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.0078876019 | |
| | | VCV xx 0.0000549478 | | VCV xy | 0.0000436203 | |
| | | VCV xz -0.0000322296 | | VCV yy | 0.0001131856 | |
| | | VCV yz -0.0000873082 | | VCV zz | 0.0001236178 | |
| NOTE | NM | Deleted 4:23:47 PM 3/27/2010 | | | | |
| GPSVEC | TP | Point ID 20110 | DX | 1534.183 | DY | -2575.840 |
| | | Class Normal | DZ | -2291.139 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 6 | | VDOP max | 1.4 | |
| | | Monitor status Not monitored | | RMS | 15.7 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1577 sec 1452.2 | | End wk 1577 sec 1457.2 | | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.0079387361 | |
| | | VCV xx 0.0000561687 | | VCV xy | 0.0000449973 | |
| | | VCV xz -0.0000336994 | | VCV yy | 0.0001151705 | |
| | | VCV yz -0.0000885728 | | VCV zz | 0.0001244651 | |
| GPSVEC | TP | Point ID 20111 | DX | 1544.511 | DY | -2567.015 |
| | | Class Normal | DZ | -2274.275 | Code | SPT |
| | | Obs L1 Fixed | H.pr | 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 5 | | VDOP max | 1.4 | |
| | | Monitor status Not monitored | | RMS | 15.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1577 sec 1481.4 | | End wk 1577 sec 1486.6 | | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.007926234 | |
| | | VCV xx 0.0000564442 | | VCV xy | 0.0000454763 | |
| | | VCV xz -0.0000342812 | | VCV yy | 0.000115357 | |
| | | VCV yz -0.0000883251 | | VCV zz | 0.0001232859 | |
| GPSVEC | SO | Point ID 60500070 | DX | 1537.545 | DY | -2601.598 |
| | | Class Stake out | DZ | -2320.574 | Code | 500070 |
| | | Obs L1 Fixed | H.pr | 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs 9 | | PDOP max | 1.7 | |
| | | Relative DOPs Yes | | HDOP max | 1.0 | |
| | | Total GPS pos 7 | | VDOP max | 1.4 | |
| | | Monitor status Not monitored | | RMS | 16.9 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1577 sec 1544.4 | | End wk 1577 sec 1550.2 | | |
| GPSQC2 | NM | Ttl satellites 9 | | Err Scale | 0.0079864375 | |
| | | VCV xx 0.0000583852 | | VCV xy | 0.0000475182 | |
| | | VCV xz -0.0000361065 | | VCV yy | 0.0001184743 | |
| | | VCV yz -0.0000896085 | | VCV zz | 0.0001231879 | |
| PT DGN | SO | Name | 500070 | To the Point | | |
| GRID D | SO | Delta N | -0.134 | Delta E | 0.021 | |
| | | Delta Elv | 0.088 | | | |

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NOTE    TS    Time Date 03/27/2010 Time 16:31:51

GPSVEC  SO    Point ID 20112          DX    1975.984          DY    -3241.903
          Class Stake out          DZ    -2848.487          Code CP106-3-27-10POS
          Obs L1 Fixed          H.pr 0.030          V.pr 0.040

F-CODE  SO    Code CP106-3-27-10POSTCHK

GPSQC1  NM    Min SVs          9          PDOP max 1.7
          Relative DOPs Yes          HDOP max 1.0
          Total GPS pos 7          VDOP max 1.4
          Monitor status Not monitored          RMS 18.6
          Horz SD          Vert SD
          Start wk 1577 sec 1918.2          End wk 1577 sec 1923.8

GPSQC2  NM    Ttl satellites 9          Err Scale 0.0090304855
          VCV xx 0.0000803852          VCV xy 0.0000693607
          VCV xz -0.0000535173          VCV yy 0.0001612048
          VCV yz -0.0001160852          VCV zz 0.0001452711

PT DGN  SO    Name          106          To the Point

GRID D  SO    Delta N          -0.013          Delta E          -0.005
          Delta Elv          0.015

SURVEY EVENTKISurvey event Survey ended

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