

SC V10-70 Copyright © Trimble Navigation Ltd, 1996-2003
 Serial no 4401 15-Apr-10 08:57
 Angle Degrees Dist US Feet Press inch Hg
 Temp Fahrenheit Coord N-E-Elv H.obs Right

JOB Job ID BMI LINER REPAIR
 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 04/07/2010 Time 13:02:40

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 1578
 Init type On the fly seconds 331674.0
 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 | Lost | Week | 1578 |
| | | Init type | On the fly | seconds | 331676.0 |
| | | 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 | Gained | Week | 1578 |
| | | Init type | On the fly | seconds | 331678.0 |
| | | Init counter | 3 | Point ID | <no text> |
| | | Survey type | Real Time | Plate H.Dist | <null> |
| | | Plate V.Dist | <null> | Plate azimuth | <null> |
| EQUIP | NM | Receiver | R8-2 | Serial no | 4906165952 |
| | | Antenna | R8 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 12001 | DX 1975.989 | DY | -3241.897 |
| | | Class Stake out | DZ -2848.492 | Code | PRECHK.CP-106.4- |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.043 |
| F-CODE | SO | Code PRECHK.CP-106.4-7-10.MV | | | |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.9 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.8 |
| | | Monitor status | Not monitored | RMS | 15.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 331828.0 | End wk 1578 sec | 331833.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000908741 | VCV xy | 0.0000926383 |
| | | VCV xz | -0.00006927 | VCV yy | 0.000138124 |
| | | VCV yz | -0.0000998511 | VCV zz | 0.0001172019 |
| PT DGN | SO | Name | 12000 | To the Point | |
| GRID D | SO | Delta N | -0.013 | Delta E | -0.006 |
| | | Delta Elv | 0.023 | | |
| GPSVEC | TP | Point ID 12002 | DX 2003.437 | DY | -2778.858 |
| | | Class Normal | DZ -2269.992 | Code | R-858-PS |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.039 |
| GPSQC1 | NM | Min SVs | 14 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 20.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332143.6 | End wk 1578 sec | 332148.6 |
| GPSQC2 | NM | Ttl satellites | 14 | Err Scale | 0.0095024034 |
| | | VCV xx | 0.0000729589 | VCV xy | 0.0000717842 |
| | | VCV xz | -0.0000513056 | VCV yy | 0.0001225315 |
| | | VCV yz | -0.0000864659 | VCV zz | 0.0001137184 |
| GPSVEC | TP | Point ID 12003 | DX 2002.754 | DY | -2778.833 |
| | | Class Normal | DZ -2271.055 | Code | R-858/833-EXT |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.038 |
| GPSQC1 | NM | Min SVs | 14 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 19.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332164.6 | End wk 1578 sec | 332169.6 |
| GPSQC2 | NM | Ttl satellites | 14 | Err Scale | 0.0093803275 |
| | | VCV xx | 0.0000708 | VCV xy | 0.0000693428 |
| | | VCV xz | -0.0000497224 | VCV yy | 0.0001187992 |
| | | VCV yz | -0.0000842547 | VCV zz | 0.0001113836 |
| NOTE | NM | Modified 1:22:41 PM 4/7/2010 | | | |
| NOTE | NM | Old values R-858-EXT | | | |
| GPSVEC | TP | Point ID 12004 | DX 2002.542 | DY | -2779.005 |
| | | Class Normal | DZ -2271.382 | Code | R-858-EXT |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.038 |
| GPSQC1 | NM | Min SVs | 14 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 16.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332175.8 | End wk 1578 sec | 332180.8 |
| GPSQC2 | NM | Ttl satellites | 14 | Err Scale | 0.0092881536 |
| | | VCV xx | 0.0000692873 | VCV xy | 0.0000677195 |
| | | VCV xz | -0.0000486019 | VCV yy | 0.0001162274 |
| | | VCV yz | -0.0000825726 | VCV zz | 0.0001094281 |
| GPSVEC | TP | Point ID 12005 | DX 2003.521 | DY | -2779.475 |
| | | Class Normal | DZ -2271.468 | Code | R-858-EXT |
| | | Obs L1 Fixed | H.pr 0.022 | V.pr | 0.037 |

GPSQC1 NM Min SVs 14 PDOP max 1.4
 Relative DOPs Yes HDOP max 0.7
 Total GPS pos 7 VDOP max 1.2
 Monitor status Not monitored RMS 16.1
 Horz SD Vert SD
 Start wk 1578 sec 332187.2 End wk 1578 sec 332192.8

GPSQC2 NM Ttl satellites 14 Err Scale 0.0092024934
 VCV xx 0.0000678947 VCV xy 0.0000662187
 VCV xz -0.0000475449 VCV yy 0.0001138579
 VCV yz -0.0000809852 VCV zz 0.000107589

GPSVEC TP Point ID 12006 DX 2003.243 DY -2779.709
 Class Normal DZ -2271.851 Code R-858
 Obs L1 Fixed H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 14 PDOP max 1.4
 Relative DOPs Yes HDOP max 0.7
 Total GPS pos 6 VDOP max 1.2
 Monitor status Not monitored RMS 17.7
 Horz SD Vert SD
 Start wk 1578 sec 332204.8 End wk 1578 sec 332210.0

GPSQC2 NM Ttl satellites 14 Err Scale 0.0091037732
 VCV xx 0.0000661905 VCV xy 0.0000643772
 VCV xz -0.0000462838 VCV yy 0.0001110569
 VCV yz -0.0000792138 VCV zz 0.0001056374

GPSVEC TP Point ID 12007 DX 2002.499 DY -2779.294
 Class Normal DZ -2271.741 Code R-858
 Obs L1 Fixed H.pr 0.021 V.pr 0.037

GPSQC1 NM Min SVs 14 PDOP max 1.4
 Relative DOPs Yes HDOP max 0.7
 Total GPS pos 6 VDOP max 1.2
 Monitor status Not monitored RMS 19.3
 Horz SD Vert SD
 Start wk 1578 sec 332216.0 End wk 1578 sec 332221.0

GPSQC2 NM Ttl satellites 14 Err Scale 0.0090161329
 VCV xx 0.000064793 VCV xy 0.0000629128
 VCV xz -0.0000452401 VCV yy 0.0001087388
 VCV yz -0.0000776404 VCV zz 0.0001037741

GPSVEC TP Point ID 12008 DX 1999.905 DY -2777.379
 Class Normal DZ -2270.857 Code R-823
 Obs L1 Fixed H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 14 PDOP max 1.4
 Relative DOPs Yes HDOP max 0.7
 Total GPS pos 6 VDOP max 1.2
 Monitor status Not monitored RMS 16.7
 Horz SD Vert SD
 Start wk 1578 sec 332282.4 End wk 1578 sec 332287.4

GPSQC2 NM Ttl satellites 14 Err Scale 0.0090652406
 VCV xx 0.0000641252 VCV xy 0.0000625025
 VCV xz -0.0000448973 VCV yy 0.0001085715
 VCV yz -0.0000784131 VCV zz 0.0001064794

GPSVEC TP Point ID 12009 DX 1988.857 DY -2771.916
 Class Normal DZ -2270.029 Code R-823
 Obs L1 Fixed H.pr 0.022 V.pr 0.037

GPSQC1 NM Min SVs 14 PDOP max 1.4
 Relative DOPs Yes HDOP max 0.7
 Total GPS pos 6 VDOP max 1.2
 Monitor status Not monitored RMS 16.7
 Horz SD Vert SD
 Start wk 1578 sec 332296.6 End wk 1578 sec 332301.6

GPSQC2 NM Ttl satellites 14 Err Scale 0.0090651521
 VCV xx 0.000064009 VCV xy 0.0000620829
 VCV xz -0.0000445972 VCV yy 0.0001083913
 VCV yz -0.0000782432 VCV zz 0.0001065101

GPSVEC TP Point ID 12010 DX 1983.169 DY -2769.054
 Class Normal DZ -2269.660 Code R-823/824-PS
 Obs L1 Fixed H.pr 0.021 V.pr 0.036

GPSQC1 NM Min SVs 14 PDOP max 1.4
 Relative DOPs Yes HDOP max 0.7
 Total GPS pos 6 VDOP max 1.2
 Monitor status Not monitored RMS 19.1
 Horz SD Vert SD
 Start wk 1578 sec 332329.8 End wk 1578 sec 332334.8

GPSQC2 NM Ttl satellites 14 Err Scale 0.0089777755
 VCV xx 0.000062343 VCV xy 0.0000599345
 VCV xz -0.0000430968 VCV yy 0.0001057956
 VCV yz -0.0000764804 VCV zz 0.0001047761

NOTE NM Modified 1:19:40 PM 4/7/2010

NOTE NM Old values R-823-PS

GPSVEC TP Point ID 12011 DX 1981.561 DY -2768.177
 Class Normal DZ -2269.580 Code DS-178/R-836-EXT
 Obs L1 Fixed H.pr 0.020 V.pr 0.032

| | | | | | |
|--------|----|-------------------|---------------|-----------------|------------------|
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 13.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332692.0 | End wk 1578 sec | 332697.0 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0078172637 |
| | | VCV xx | 0.0000453624 | VCV xy | 0.0000421517 |
| | | VCV xz | -0.0000299583 | VCV yy | 0.0000835333 |
| | | VCV yz | -0.0000637889 | VCV zz | 0.0000941967 |
| GPSVEC | TP | Point ID 12012 | DX 1977.886 | DY | -2766.307 |
| | | Class Normal | DZ -2269.333 | Code | DS-178/R-836-EXT |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 13.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332705.0 | End wk 1578 sec | 332710.0 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0078139901 |
| | | VCV xx | 0.0000449877 | VCV xy | 0.0000417829 |
| | | VCV xz | -0.0000296729 | VCV yy | 0.0000832593 |
| | | VCV yz | -0.000063814 | VCV zz | 0.0000944668 |
| GPSVEC | TP | Point ID 12013 | DX 1977.917 | DY | -2766.555 |
| | | Class Normal | DZ -2269.674 | Code | DS-178/R-836-EXT |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 18.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332721.0 | End wk 1578 sec | 332726.0 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077871718 |
| | | VCV xx | 0.0000442804 | VCV xy | 0.0000411002 |
| | | VCV xz | -0.000029158 | VCV yy | 0.0000824359 |
| | | VCV yz | -0.0000634376 | VCV zz | 0.000094212 |
| GPSVEC | TP | Point ID 12014 | DX 1981.413 | DY | -2768.368 |
| | | Class Normal | DZ -2269.880 | Code | DS-178/R-836-EXT |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 15.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332733.2 | End wk 1578 sec | 332738.2 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077642724 |
| | | VCV xx | 0.0000438161 | VCV xy | 0.0000406303 |
| | | VCV xz | -0.0000287866 | VCV yy | 0.000081799 |
| | | VCV yz | -0.0000630364 | VCV zz | 0.0000938184 |
| GPSVEC | TP | Point ID 12015 | DX 1981.679 | DY | -2767.549 |
| | | Class Normal | DZ -2268.618 | Code | DS-178/R-836 |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs | 14 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332756.2 | End wk 1578 sec | 332761.2 |
| GPSQC2 | NM | Ttl satellites | 14 | Err Scale | 0.007896943 |
| | | VCV xx | 0.0000428194 | VCV xy | 0.0000383608 |
| | | VCV xz | -0.0000270184 | VCV yy | 0.0000749612 |
| | | VCV yz | -0.000057973 | VCV zz | 0.0000902494 |
| GPSVEC | TP | Point ID 12016 | DX 1978.301 | DY | -2765.870 |
| | | Class Normal | DZ -2268.368 | Code | DS-178/R-836 |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs | 14 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332769.4 | End wk 1578 sec | 332774.4 |
| GPSQC2 | NM | Ttl satellites | 14 | Err Scale | 0.0078956494 |
| | | VCV xx | 0.0000426689 | VCV xy | 0.0000381704 |
| | | VCV xz | -0.000026837 | VCV yy | 0.0000748129 |
| | | VCV yz | -0.0000578867 | VCV zz | 0.0000903618 |
| GPSVEC | TP | Point ID 12017 | DX 1978.062 | DY | -2765.993 |
| | | Class Normal | DZ -2268.939 | Code | DS-178/R-836-TOE |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.030 |
| GPSQC1 | NM | Min SVs | 14 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 16.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 332785.0 | End wk 1578 sec | 332790.8 |

| | | | | | |
|--------|----|------------------------------|--------------|--------------------------|------------------|
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0078088157 |
| | | VCV xx 0.0000416512 | | VCV xy | 0.0000371761 |
| | | VCV xz -0.0000260658 | | VCV yy | 0.000073064 |
| | | VCV yz -0.0000564852 | | VCV zz | 0.0000884437 |
| GPSVEC | TP | Point ID 12018 | DX 1981.762 | DY | -2767.843 |
| | | Class Normal | DZ -2269.133 | Code | DS-178/R-836-TOE |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.030 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 17.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 332797.8 | | End wk 1578 sec 332803.0 | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.007802608 |
| | | VCV xx 0.0000414983 | | VCV xy | 0.0000369877 |
| | | VCV xz -0.0000258809 | | VCV yy | 0.0000728521 |
| | | VCV yz -0.0000563033 | | VCV zz | 0.0000883782 |
| GPSVEC | TP | Point ID 12019 | DX 1970.605 | DY | -2762.556 |
| | | Class Normal | DZ -2268.922 | Code | R-834 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 17.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 332892.6 | | End wk 1578 sec 332897.6 | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000397906 | | VCV xy | 0.0000350094 |
| | | VCV xz -0.0000241741 | | VCV yy | 0.0000701036 |
| | | VCV yz -0.000054056 | | VCV zz | 0.0000866335 |
| GPSVEC | TP | Point ID 12020 | DX 1963.125 | DY | -2758.704 |
| | | Class Normal | DZ -2268.506 | Code | R-834/835-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.030 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 7 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 15.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 332921.0 | | End wk 1578 sec 332926.8 | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000387456 | | VCV xy | 0.0000339538 |
| | | VCV xz -0.0000233231 | | VCV yy | 0.0000682277 |
| | | VCV yz -0.0000524611 | | VCV zz | 0.0000845486 |
| GPSVEC | TP | Point ID 12021 | DX 1951.443 | DY | -2752.850 |
| | | Class Normal | DZ -2267.707 | Code | R-835 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.030 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 16.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 332947.8 | | End wk 1578 sec 332952.8 | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000381139 | | VCV xy | 0.000033287 |
| | | VCV xz -0.0000227615 | | VCV yy | 0.0000671151 |
| | | VCV yz -0.0000514953 | | VCV zz | 0.000083425 |
| GPSVEC | TP | Point ID 12022 | DX 1943.118 | DY | -2748.676 |
| | | Class Normal | DZ -2267.069 | Code | R-835/837-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.030 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 18.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 332977.8 | | End wk 1578 sec 332982.8 | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.000037812 | | VCV xy | 0.0000329026 |
| | | VCV xz -0.000022388 | | VCV yy | 0.0000666383 |
| | | VCV yz -0.0000510497 | | VCV zz | 0.0000832424 |
| GPSVEC | TP | Point ID 12023 | DX 1931.877 | DY | -2742.936 |
| | | Class Normal | DZ -2266.382 | Code | R-837-DS121 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.2 |
| | | Monitor status Not monitored | | RMS | 16.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 333081.2 | | End wk 1578 sec 333086.2 | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000368111 | | VCV xy | 0.0000315996 |
| | | VCV xz -0.0000211306 | | VCV yy | 0.0000648788 |
| | | VCV yz -0.0000493044 | | VCV zz | 0.0000821439 |

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|--------|----|------------------------------------|------|--------------------------|--------------|--------------|
| GPSVEC | TP | Point ID 12024 | DX | 1926.765 | DY | -2740.181 |
| | | Class Normal | DZ | -2266.123 | Code | R-837-DS121 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 6 | | VDOP max | 1.2 | |
| | | Monitor status Not monitored | | RMS | 16.0 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333096.2 | | End wk 1578 sec 333101.2 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000364294 | | VCV xy | 0.0000312145 | |
| | | VCV xz -0.0000208055 | | VCV yy | 0.0000641754 | |
| | | VCV yz -0.0000486638 | | VCV zz | 0.0000812935 | |
| GPSVEC | TP | Point ID 12025 | DX | 1927.157 | DY | -2739.960 |
| | | Class Normal | DZ | -2265.724 | Code | DS121 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 6 | | VDOP max | 1.2 | |
| | | Monitor status Not monitored | | RMS | 17.8 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333111.4 | | End wk 1578 sec 333116.4 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000363928 | | VCV xy | 0.0000311313 | |
| | | VCV xz -0.0000206898 | | VCV yy | 0.0000641344 | |
| | | VCV yz -0.0000485742 | | VCV zz | 0.0000814024 | |
| GPSVEC | TP | Point ID 12026 | DX | 1931.793 | DY | -2742.475 |
| | | Class Normal | DZ | -2266.023 | Code | DS121 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.2 | |
| | | Monitor status Not monitored | | RMS | 16.0 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333124.4 | | End wk 1578 sec 333129.4 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000361465 | | VCV xy | 0.0000308697 | |
| | | VCV xz -0.0000204629 | | VCV yy | 0.000063665 | |
| | | VCV yz -0.0000481265 | | VCV zz | 0.0000808296 | |
| NOTE | TS | Time Date 04/07/2010 Time 13:32:42 | | | | |
| GPSVEC | TP | Point ID 12027 | DX | 1923.492 | DY | -2737.977 |
| | | Class Normal | DZ | -2265.521 | Code | R-838-PS/TOE |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.2 | |
| | | Monitor status Not monitored | | RMS | 13.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333172.6 | | End wk 1578 sec 333177.6 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000356135 | | VCV xy | 0.0000302341 | |
| | | VCV xz -0.0000198785 | | VCV yy | 0.0000627745 | |
| | | VCV yz -0.0000472879 | | VCV zz | 0.0000802518 | |
| NOTE | NM | Modified 1:35:02 PM 4/7/2010 | | | | |
| NOTE | NM | Old values R-383-PS/TOE | | | | |
| GPSVEC | TP | Point ID 12028 | DX | 1923.945 | DY | -2738.599 |
| | | Class Normal | DZ | -2266.000 | Code | R-838-EXT |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.2 | |
| | | Monitor status Not monitored | | RMS | 17.7 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333196.0 | | End wk 1578 sec 333201.0 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000352657 | | VCV xy | 0.0000298556 | |
| | | VCV xz -0.0000195454 | | VCV yy | 0.00006215 | |
| | | VCV yz -0.0000467007 | | VCV zz | 0.0000796184 | |
| NOTE | NM | Modified 1:35:17 PM 4/7/2010 | | | | |
| NOTE | NM | Old values R-383-EXT | | | | |
| GPSVEC | TP | Point ID 12029 | DX | 1923.830 | DY | -2738.764 |
| | | Class Normal | DZ | -2266.275 | Code | R-838-EXT |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.2 | |
| | | Monitor status Not monitored | | RMS | 16.4 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333206.0 | | End wk 1578 sec 333211.2 | | |

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|--------|----|------------------------------|--------------------------|
| GPSQC2 | NM | Ttl satellites 14 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000348166 | VCV xy 0.0000294416 |
| | | VCV xz -0.0000192295 | VCV yy 0.0000613251 |
| | | VCV yz -0.0000459935 | VCV zz 0.0000785369 |
| NOTE | NM | Modified 1:35:26 PM 4/7/2010 | |
| NOTE | NM | Old values R-383-EXT | |
| GPSVEC | TP | Point ID 12030 | DX 1922.545 |
| | | Class Normal | DZ -2266.200 |
| | | Obs L1 Fixed | H.pr 0.018 |
| | | | DY -2738.122 |
| | | | Code R-838-EXT |
| | | | V.pr 0.028 |
| GPSQC1 | NM | Min SVs 14 | PDOP max 1.4 |
| | | Relative DOPs Yes | HDOP max 0.7 |
| | | Total GPS pos 7 | VDOP max 1.2 |
| | | Monitor status Not monitored | RMS 15.8 |
| | | Horz SD | Vert SD |
| | | Start wk 1578 sec 333215.4 | End wk 1578 sec 333221.2 |
| GPSQC2 | NM | Ttl satellites 14 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000345647 | VCV xy 0.000029196 |
| | | VCV xz -0.0000190271 | VCV yy 0.0000608591 |
| | | VCV yz -0.000045569 | VCV zz 0.0000779437 |
| NOTE | NM | Modified 1:35:35 PM 4/7/2010 | |
| NOTE | NM | Old values R-383-EXT | |
| GPSVEC | TP | Point ID 12031 | DX 1922.560 |
| | | Class Normal | DZ -2266.487 |
| | | Obs L1 Fixed | H.pr 0.018 |
| | | | DY -2738.404 |
| | | | Code R-838 |
| | | | V.pr 0.028 |
| GPSQC1 | NM | Min SVs 14 | 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 1578 sec 333230.2 | End wk 1578 sec 333235.2 |
| GPSQC2 | NM | Ttl satellites 14 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000344394 | VCV xy 0.0000290446 |
| | | VCV xz -0.0000188782 | VCV yy 0.0000606377 |
| | | VCV yz -0.0000453359 | VCV zz 0.0000777596 |
| NOTE | NM | Modified 1:35:46 PM 4/7/2010 | |
| NOTE | NM | Old values R-383 | |
| GPSVEC | TP | Point ID 12032 | DX 1923.589 |
| | | Class Normal | DZ -2266.528 |
| | | Obs L1 Fixed | H.pr 0.018 |
| | | | DY -2738.891 |
| | | | Code R-838 |
| | | | V.pr 0.028 |
| GPSQC1 | NM | Min SVs 14 | 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 1578 sec 333240.4 | End wk 1578 sec 333245.4 |
| GPSQC2 | NM | Ttl satellites 14 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000345167 | VCV xy 0.0000290809 |
| | | VCV xz -0.0000188638 | VCV yy 0.0000607962 |
| | | VCV yz -0.0000454188 | VCV zz 0.0000780742 |
| NOTE | NM | Modified 1:35:57 PM 4/7/2010 | |
| NOTE | NM | Old values R-383 | |
| GPSVEC | TP | Point ID 12033 | DX 1898.660 |
| | | Class Normal | DZ -2264.740 |
| | | Obs L1 Fixed | H.pr 0.018 |
| | | | DY -2726.115 |
| | | | Code R-842 |
| | | | V.pr 0.028 |
| GPSQC1 | NM | Min SVs 14 | PDOP max 1.3 |
| | | Relative DOPs Yes | HDOP max 0.7 |
| | | Total GPS pos 6 | VDOP max 1.1 |
| | | Monitor status Not monitored | RMS 14.5 |
| | | Horz SD | Vert SD |
| | | Start wk 1578 sec 333397.6 | End wk 1578 sec 333402.6 |
| GPSQC2 | NM | Ttl satellites 14 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000329675 | VCV xy 0.0000272713 |
| | | VCV xz -0.0000171994 | VCV yy 0.0000580533 |
| | | VCV yz -0.0000426274 | VCV zz 0.0000756078 |
| GPSVEC | TP | Point ID 12034 | DX 1899.012 |
| | | Class Normal | DZ -2264.017 |
| | | Obs L1 Fixed | H.pr 0.018 |
| | | | DY -2725.683 |
| | | | Code R-842/TOE |
| | | | V.pr 0.028 |
| GPSQC1 | NM | Min SVs 14 | PDOP max 1.3 |
| | | Relative DOPs Yes | HDOP max 0.7 |
| | | Total GPS pos 6 | VDOP max 1.1 |
| | | Monitor status Not monitored | RMS 14.4 |
| | | Horz SD | Vert SD |
| | | Start wk 1578 sec 333421.8 | End wk 1578 sec 333426.8 |
| GPSQC2 | NM | Ttl satellites 14 | Err Scale 0.0077459668 |
| | | VCV xx 0.0000326532 | VCV xy 0.0000269475 |
| | | VCV xz -0.000016915 | VCV yy 0.0000575077 |
| | | VCV yz -0.000042101 | VCV zz 0.0000750237 |

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|--------|----|------------------------------|------|--------------------------|--------------|--------------|
| GPSVEC | TP | Point ID 12035 | DX | 1895.033 | DY | -2723.691 |
| | | Class Normal | DZ | -2263.657 | Code | R-842/TOE |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 7 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 12.7 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333434.0 | | End wk 1578 sec 333439.8 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000323246 | | VCV xy | 0.0000266415 | |
| | | VCV xz -0.0000166787 | | VCV yy | 0.0000568968 | |
| | | VCV yz -0.0000415503 | | VCV zz | 0.0000741811 | |
| GPSVEC | TP | Point ID 12036 | DX | 1894.793 | DY | -2724.050 |
| | | Class Normal | DZ | -2264.410 | Code | R-842 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 16.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333451.0 | | End wk 1578 sec 333456.0 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000321506 | | VCV xy | 0.0000264604 | |
| | | VCV xz -0.000016512 | | VCV yy | 0.0000566043 | |
| | | VCV yz -0.0000412522 | | VCV zz | 0.0000738727 | |
| GPSVEC | TP | Point ID 12037 | DX | 1894.662 | DY | -2723.838 |
| | | Class Normal | DZ | -2264.196 | Code | R-842-EXT |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 15.5 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333480.2 | | End wk 1578 sec 333485.4 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000321507 | | VCV xy | 0.0000263887 | |
| | | VCV xz -0.0000163822 | | VCV yy | 0.0000566681 | |
| | | VCV yz -0.0000411993 | | VCV zz | 0.0000742465 | |
| GPSVEC | TP | Point ID 12038 | DX | 1888.944 | DY | -2720.801 |
| | | Class Normal | DZ | -2263.767 | Code | R-839 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 13.7 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333512.4 | | End wk 1578 sec 333517.4 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000316978 | | VCV xy | 0.0000259342 | |
| | | VCV xz -0.0000160114 | | VCV yy | 0.0000558598 | |
| | | VCV yz -0.0000404386 | | VCV zz | 0.0000733047 | |
| GPSVEC | TP | Point ID 12039 | DX | 1883.406 | DY | -2717.900 |
| | | Class Normal | DZ | -2263.402 | Code | R-839/840-PS |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 14.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333537.4 | | End wk 1578 sec 333542.4 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000314198 | | VCV xy | 0.0000256429 | |
| | | VCV xz -0.0000157562 | | VCV yy | 0.0000556316 | |
| | | VCV yz -0.0000403805 | | VCV zz | 0.0000734598 | |
| GPSVEC | TP | Point ID 12040 | DX | 1873.387 | DY | -2712.906 |
| | | Class Normal | DZ | -2262.993 | Code | R-840 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 12.4 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 333561.6 | | End wk 1578 sec 333566.6 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000311679 | | VCV xy | 0.000025368 | |
| | | VCV xz -0.0000155059 | | VCV yy | 0.0000556604 | |
| | | VCV yz -0.0000407023 | | VCV zz | 0.0000742114 | |
| GPSVEC | TP | Point ID 12041 | DX | 1863.551 | DY | -2707.765 |
| | | Class Normal | DZ | -2262.193 | Code | R-840/841-PS |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.027 |

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| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 11.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 333590.8 | End wk 1578 sec | 333596.6 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000311008 | VCV xy | 0.0000252331 |
| | | VCV xz | -0.000015332 | VCV yy | 0.0000558624 |
| | | VCV yz | -0.0000409842 | VCV zz | 0.000075039 |
| GPSVEC | TP | Point ID 12042 | DX 1853.031 | DY | -2702.351 |
| | | Class Normal | DZ -2261.243 | Code | R-841 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 11.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 333616.8 | End wk 1578 sec | 333621.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000031049 | VCV xy | 0.0000251298 |
| | | VCV xz | -0.0000151961 | VCV yy | 0.0000559126 |
| | | VCV yz | -0.0000410113 | VCV zz | 0.000075402 |
| GPSVEC | TP | Point ID 12043 | DX 1843.635 | DY | -2697.530 |
| | | Class Normal | DZ -2260.473 | Code | R-841/843-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 14.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 333645.0 | End wk 1578 sec | 333650.0 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000309149 | VCV xy | 0.0000249578 |
| | | VCV xz | -0.0000150146 | VCV yy | 0.0000557387 |
| | | VCV yz | -0.0000407827 | VCV zz | 0.0000753315 |
| GPSVEC | TP | Point ID 12044 | DX 1833.291 | DY | -2692.181 |
| | | Class Normal | DZ -2259.993 | Code | R-843 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 14.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 333697.0 | End wk 1578 sec | 333702.0 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000306031 | VCV xy | 0.000024598 |
| | | VCV xz | -0.0000146709 | VCV yy | 0.0000552031 |
| | | VCV yz | -0.0000401213 | VCV zz | 0.0000748026 |
| GPSVEC | TP | Point ID 12045 | DX 1837.717 | DY | -2695.163 |
| | | Class Normal | DZ -2260.990 | Code | DS-41/R-187-EXT |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 333757.2 | End wk 1578 sec | 333762.2 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000300375 | VCV xy | 0.0000240334 |
| | | VCV xz | -0.0000142019 | VCV yy | 0.0000541294 |
| | | VCV yz | -0.0000389529 | VCV zz | 0.0000733914 |
| GPSVEC | TP | Point ID 12046 | DX 1833.117 | DY | -2692.768 |
| | | Class Normal | DZ -2260.735 | Code | DS-41/R-187-EXT |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 333771.2 | End wk 1578 sec | 333776.4 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000298863 | VCV xy | 0.0000238917 |
| | | VCV xz | -0.0000140858 | VCV yy | 0.0000538307 |
| | | VCV yz | -0.0000386192 | VCV zz | 0.0000728945 |
| GPSVEC | TP | Point ID 12047 | DX 1833.697 | DY | -2692.940 |
| | | Class Normal | DZ -2260.571 | Code | DS-41/R-187 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 13.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 333789.4 | End wk 1578 sec | 333794.4 |

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| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000298662 | | VCV xy | 0.0000238486 |
| | | VCV xz -0.0000140215 | | VCV yy | 0.0000537776 |
| | | VCV yz -0.0000384518 | | VCV zz | 0.000072788 |
| GPSVEC | TP | Point ID 12048 | DX 1833.933 | DY | -2692.967 |
| | | Class Normal | DZ -2260.468 | Code | DS-41/R-187 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 5 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 15.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 333798.4 | | End wk 1578 sec 333803.6 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000294293 | | VCV xy | 0.000023486 |
| | | VCV xz -0.0000137876 | | VCV yy | 0.0000529568 |
| | | VCV yz -0.0000377645 | | VCV zz | 0.0000715376 |
| GPSVEC | TP | Point ID 12049 | DX 1837.138 | DY | -2694.561 |
| | | Class Normal | DZ -2260.586 | Code | DS-41/R-187 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 13.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 333809.6 | | End wk 1578 sec 333814.6 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000294133 | | VCV xy | 0.0000234599 |
| | | VCV xz -0.0000137466 | | VCV yy | 0.0000529365 |
| | | VCV yz -0.0000376833 | | VCV zz | 0.0000715376 |
| GPSVEC | TP | Point ID 12050 | DX 1837.190 | DY | -2694.762 |
| | | Class Normal | DZ -2260.763 | Code | DS-41/R-187 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 333819.6 | | End wk 1578 sec 333824.6 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000294577 | | VCV xy | 0.0000234808 |
| | | VCV xz -0.00001374 | | VCV yy | 0.0000529953 |
| | | VCV yz -0.0000376436 | | VCV zz | 0.0000715482 |
| GPSVEC | TP | Point ID 12051 | DX 1837.343 | DY | -2695.753 |
| | | Class Normal | DZ -2261.811 | Code | DS-41/R-187-TOP |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 13.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 333842.6 | | End wk 1578 sec 333847.6 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000295294 | | VCV xy | 0.0000235053 |
| | | VCV xz -0.0000137083 | | VCV yy | 0.0000531406 |
| | | VCV yz -0.0000376242 | | VCV zz | 0.0000718612 |
| GPSVEC | TP | Point ID 12052 | DX 1832.822 | DY | -2693.361 |
| | | Class Normal | DZ -2261.576 | Code | DS-41/R-187-TOP |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 12.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 333856.8 | | End wk 1578 sec 333861.8 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000296016 | | VCV xy | 0.000023543 |
| | | VCV xz -0.0000137041 | | VCV yy | 0.0000532665 |
| | | VCV yz -0.0000376229 | | VCV zz | 0.0000720412 |
| GPSVEC | TP | Point ID 12053 | DX 1823.609 | DY | -2687.141 |
| | | Class Normal | DZ -2259.440 | Code | R-843/844-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 11.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 333889.0 | | End wk 1578 sec 333894.0 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000297097 | | VCV xy | 0.0000235821 |
| | | VCV xz -0.0000136725 | | VCV yy | 0.0000534524 |
| | | VCV yz -0.0000375566 | | VCV zz | 0.0000723521 |

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|--------|----|----------------|-------------------|------|-----------|-----------|-------------------|-----------|
| GPSVEC | TP | Point ID 12054 | | DX | 1818.572 | | DY | -2684.631 |
| | | Class Normal | | DZ | -2259.195 | | Code | R-844 |
| | | Obs L1 Fixed | | H.pr | 0.018 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.7 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 13.1 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 333913.2 | | | End wk | 1578 sec 333918.2 | |
| GPSQC2 | NM | Ttl satellites | 13 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000295631 | | | VCV xy | 0.0000234336 | |
| | | VCV xz | -0.0000135459 | | | VCV yy | 0.0000531702 | |
| | | VCV yz | -0.0000371918 | | | VCV zz | 0.0000719398 | |
| GPSVEC | TP | Point ID 12055 | | DX | 1815.471 | | DY | -2683.160 |
| | | Class Normal | | DZ | -2259.094 | | Code | R-845-EXT |
| | | Obs L1 Fixed | | H.pr | 0.018 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.7 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 13.9 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 333944.4 | | | End wk | 1578 sec 333949.4 | |
| GPSQC2 | NM | Ttl satellites | 13 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000296765 | | | VCV xy | 0.0000234842 | |
| | | VCV xz | -0.0000135214 | | | VCV yy | 0.000053375 | |
| | | VCV yz | -0.0000371367 | | | VCV zz | 0.000072263 | |
| GPSVEC | TP | Point ID 12056 | | DX | 1815.427 | | DY | -2683.343 |
| | | Class Normal | | DZ | -2259.441 | | Code | R-845-EXT |
| | | Obs L1 Fixed | | H.pr | 0.018 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.7 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 12.1 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 333957.4 | | | End wk | 1578 sec 333962.4 | |
| GPSQC2 | NM | Ttl satellites | 13 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000293403 | | | VCV xy | 0.0000232022 | |
| | | VCV xz | -0.0000133416 | | | VCV yy | 0.0000527405 | |
| | | VCV yz | -0.0000365808 | | | VCV zz | 0.000071272 | |
| GPSVEC | TP | Point ID 12057 | | DX | 1809.366 | | DY | -2680.396 |
| | | Class Normal | | DZ | -2259.194 | | Code | R-845-EXT |
| | | Obs L1 Fixed | | H.pr | 0.018 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.7 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 15.6 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 333970.6 | | | End wk | 1578 sec 333975.6 | |
| GPSQC2 | NM | Ttl satellites | 13 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000291942 | | | VCV xy | 0.0000230723 | |
| | | VCV xz | -0.0000132447 | | | VCV yy | 0.0000524675 | |
| | | VCV yz | -0.0000362831 | | | VCV zz | 0.0000708271 | |
| GPSVEC | TP | Point ID 12058 | | DX | 1815.469 | | DY | -2683.016 |
| | | Class Normal | | DZ | -2258.901 | | Code | R-845 |
| | | Obs L1 Fixed | | H.pr | 0.018 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.7 | |
| | | Total GPS pos | 7 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 12.1 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 333992.2 | | | End wk | 1578 sec 333997.8 | |
| GPSQC2 | NM | Ttl satellites | 13 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000293461 | | | VCV xy | 0.0000231699 | |
| | | VCV xz | -0.000013266 | | | VCV yy | 0.0000527504 | |
| | | VCV yz | -0.0000363447 | | | VCV zz | 0.0000712302 | |
| GPSVEC | TP | Point ID 12059 | | DX | 1815.279 | | DY | -2683.468 |
| | | Class Normal | | DZ | -2259.677 | | Code | R-845 |
| | | Obs L1 Fixed | | H.pr | 0.018 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.7 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 12.8 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 334003.8 | | | End wk | 1578 sec 334008.8 | |
| GPSQC2 | NM | Ttl satellites | 13 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000289673 | | | VCV xy | 0.0000228591 | |
| | | VCV xz | -0.0000130728 | | | VCV yy | 0.0000520462 | |
| | | VCV yz | -0.0000357528 | | | VCV zz | 0.0000701393 | |
| GPSVEC | TP | Point ID 12060 | | DX | 1809.543 | | DY | -2680.227 |
| | | Class Normal | | DZ | -2258.843 | | Code | R-845 |
| | | Obs L1 Fixed | | H.pr | 0.018 | | V.pr | 0.026 |

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|--------|----|-----------------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 11.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334016.8 | End wk 1578 sec | 334021.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000289648 | VCV xy | 0.0000228449 |
| | | VCV xz | -0.0000130452 | VCV yy | 0.0000520392 |
| | | VCV yz | -0.0000356549 | VCV zz | 0.0000700851 |
| GPSVEC | TP | Point ID 12061 | DX 1809.353 | DY | -2680.670 |
| | | Class Normal | DZ -2259.545 | Code | R-845 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334029.8 | End wk 1578 sec | 334034.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000289864 | VCV xy | 0.0000228499 |
| | | VCV xz | -0.0000130295 | VCV yy | 0.0000520769 |
| | | VCV yz | -0.0000355903 | VCV zz | 0.0000701007 |
| GPSVEC | TP | Point ID 12062 | DX 1783.819 | DY | -2667.180 |
| | | Class Del normal | DZ -2257.272 | Code | R-851-EXT-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 15.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334120.4 | End wk 1578 sec | 334125.4 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000294426 | VCV xy | 0.0000231142 |
| | | VCV xz | -0.000013071 | VCV yy | 0.0000529161 |
| | | VCV yz | -0.0000355891 | VCV zz | 0.0000713009 |
| NOTE | NM | Deleted 3:27:25 PM 4/7/2010 | | | |
| GPSVEC | TP | Point ID 12063 | DX 1783.845 | DY | -2666.898 |
| | | Class Del normal | DZ -2256.920 | Code | R-851/846-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 15.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334150.4 | End wk 1578 sec | 334155.4 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000029087 | VCV xy | 0.00002281 |
| | | VCV xz | -0.0000128729 | VCV yy | 0.0000522599 |
| | | VCV yz | -0.0000349175 | VCV zz | 0.0000702136 |
| NOTE | NM | Deleted 3:27:32 PM 4/7/2010 | | | |
| GPSVEC | TP | Point ID 12064 | DX 1778.215 | DY | -2663.964 |
| | | Class Normal | DZ -2256.573 | Code | R-846 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334169.8 | End wk 1578 sec | 334175.6 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000028753 | VCV xy | 0.0000225338 |
| | | VCV xz | -0.0000127006 | VCV yy | 0.0000516488 |
| | | VCV yz | -0.0000343453 | VCV zz | 0.0000692112 |
| GPSVEC | TP | Point ID 12065 | DX 1766.671 | DY | -2655.749 |
| | | Class Normal | DZ -2253.004 | Code | R-846/847-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334197.0 | End wk 1578 sec | 334202.0 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000288034 | VCV xy | 0.0000225564 |
| | | VCV xz | -0.000012684 | VCV yy | 0.0000517661 |
| | | VCV yz | -0.0000342543 | VCV zz | 0.0000693451 |
| GPSVEC | TP | Point ID 12066 | DX 1757.121 | DY | -2649.022 |
| | | Class Normal | DZ -2250.118 | Code | R-847 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334217.0 | End wk 1578 sec | 334222.2 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000286433 | VCV xy | 0.0000224193 |
| | | VCV xz | -0.0000125897 | VCV yy | 0.0000514877 |
| | | VCV yz | -0.000033932 | VCV zz | 0.0000688912 |
| GPSVEC | TP | Point ID 12067 | DX 1748.781 | DY | -2643.294 |
| | | Class Normal | DZ -2247.503 | Code | R-847/848-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334243.2 | End wk 1578 sec | 334248.2 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000285009 | VCV xy | 0.0000222919 |
| | | VCV xz | -0.0000124978 | VCV yy | 0.0000512478 |
| | | VCV yz | -0.0000336056 | VCV zz | 0.0000685195 |
| GPSVEC | TP | Point ID 12068 | DX 1739.717 | DY | -2636.771 |
| | | Class Normal | DZ -2244.798 | Code | R-848 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 5 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334264.6 | End wk 1578 sec | 334270.4 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000281884 | VCV xy | 0.0000220349 |
| | | VCV xz | -0.0000123427 | VCV yy | 0.0000506853 |
| | | VCV yz | -0.0000330835 | VCV zz | 0.0000676393 |
| GPSVEC | TP | Point ID 12069 | DX 1731.111 | DY | -2630.432 |
| | | Class Normal | DZ -2241.939 | Code | R-848/849-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334289.6 | End wk 1578 sec | 334294.6 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000282161 | VCV xy | 0.0000220445 |
| | | VCV xz | -0.0000123278 | VCV yy | 0.0000507653 |
| | | VCV yz | -0.0000329797 | VCV zz | 0.0000677276 |
| GPSVEC | TP | Point ID 12070 | DX 1724.322 | DY | -2625.853 |
| | | Class Normal | DZ -2239.984 | Code | R-849 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334318.6 | End wk 1578 sec | 334323.6 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000280249 | VCV xy | 0.0000218793 |
| | | VCV xz | -0.0000122221 | VCV yy | 0.0000504356 |
| | | VCV yz | -0.0000325751 | VCV zz | 0.0000671855 |
| GPSVEC | TP | Point ID 12071 | DX 1718.628 | DY | -2624.172 |
| | | Class Normal | DZ -2241.265 | Code | R-188 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334385.8 | End wk 1578 sec | 334390.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000282147 | VCV xy | 0.0000219968 |
| | | VCV xz | -0.0000122528 | VCV yy | 0.0000508431 |
| | | VCV yz | -0.0000323985 | VCV zz | 0.0000675558 |
| GPSVEC | TP | Point ID 12072 | DX 1717.411 | DY | -2623.321 |
| | | Class Normal | DZ -2240.963 | Code | R-188 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334396.0 | End wk 1578 sec | 334401.8 |

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|--------|----|------------------------------|--------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.000027958 | | VCV xy | 0.0000217953 |
| | | VCV xz -0.0000121448 | | VCV yy | 0.0000503747 |
| | | VCV yz -0.0000320093 | | VCV zz | 0.0000667367 |
| GPSVEC | TP | Point ID 12073 | DX 1717.995 | DY | -2623.811 |
| | | Class Normal | DZ -2241.256 | Code | R-188-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334414.0 | | End wk 1578 sec 334419.0 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000278289 | | VCV xy | 0.0000216919 |
| | | VCV xz -0.0000120793 | | VCV yy | 0.0000501673 |
| | | VCV yz -0.0000317677 | | VCV zz | 0.0000663994 |
| GPSVEC | TP | Point ID 12074 | DX 1719.130 | DY | -2624.068 |
| | | Class Normal | DZ -2240.562 | Code | R-188-TOP |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 11.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334431.0 | | End wk 1578 sec 334436.0 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000277212 | | VCV xy | 0.0000216039 |
| | | VCV xz -0.0000120261 | | VCV yy | 0.0000499922 |
| | | VCV yz -0.0000315484 | | VCV zz | 0.0000661003 |
| GPSVEC | TP | Point ID 12075 | DX 1717.639 | DY | -2623.082 |
| | | Class Normal | DZ -2240.252 | Code | R-188-TOP |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334445.2 | | End wk 1578 sec 334450.2 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000275852 | | VCV xy | 0.000021457 |
| | | VCV xz -0.0000119294 | | VCV yy | 0.0000484765 |
| | | VCV yz -0.0000301874 | | VCV zz | 0.0000647409 |
| GPSVEC | TP | Point ID 12076 | DX 1718.327 | DY | -2622.544 |
| | | Class Normal | DZ -2239.257 | Code | R-188-EXT |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 13.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334465.2 | | End wk 1578 sec 334470.2 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.000027588 | | VCV xy | 0.0000214682 |
| | | VCV xz -0.0000119364 | | VCV yy | 0.0000489374 |
| | | VCV yz -0.0000304705 | | VCV zz | 0.0000650781 |
| GPSVEC | TP | Point ID 12077 | DX 1719.831 | DY | -2623.554 |
| | | Class Normal | DZ -2239.620 | Code | R-188-EXT |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 13.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334477.4 | | End wk 1578 sec 334482.4 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000276623 | | VCV xy | 0.0000215321 |
| | | VCV xz -0.0000119671 | | VCV yy | 0.0000492845 |
| | | VCV yz -0.0000306629 | | VCV zz | 0.0000654157 |
| GPSVEC | TP | Point ID 12078 | DX 1719.916 | DY | -2623.459 |
| | | Class Normal | DZ -2239.495 | Code | R-188-R-850 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 7 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 11.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334505.8 | | End wk 1578 sec 334511.6 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000274057 | | VCV xy | 0.0000213312 |
| | | VCV xz -0.0000118661 | | VCV yy | 0.0000491447 |
| | | VCV yz -0.0000304636 | | VCV zz | 0.0000649043 |

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|--------|----|------------------------------|------|--------------------------|--------------|-------------|
| GPSVEC | TP | Point ID 12079 | DX | 1718.417 | DY | -2622.482 |
| | | Class Normal | DZ | -2239.114 | Code | R-188-R-850 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 11.0 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 334518.6 | | End wk 1578 sec 334523.6 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000276676 | | VCV xy | 0.000021539 | |
| | | VCV xz -0.0000119726 | | VCV yy | 0.0000497301 | |
| | | VCV yz -0.0000307767 | | VCV zz | 0.0000656318 | |
| GPSVEC | TP | Point ID 12080 | DX | 1720.682 | DY | -2623.679 |
| | | Class Normal | DZ | -2239.330 | Code | R-850-EXT |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 7 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 12.8 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 334541.8 | | End wk 1578 sec 334547.6 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000275447 | | VCV xy | 0.0000214383 | |
| | | VCV xz -0.0000119286 | | VCV yy | 0.0000496343 | |
| | | VCV yz -0.0000305808 | | VCV zz | 0.000065261 | |
| GPSVEC | TP | Point ID 12081 | DX | 1720.759 | DY | -2623.365 |
| | | Class Normal | DZ | -2238.921 | Code | R-850-EXT |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 11.0 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 334551.8 | | End wk 1578 sec 334556.8 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000275458 | | VCV xy | 0.0000214416 | |
| | | VCV xz -0.0000119287 | | VCV yy | 0.0000496859 | |
| | | VCV yz -0.0000305571 | | VCV zz | 0.000065241 | |
| GPSVEC | TP | Point ID 12082 | DX | 1714.742 | DY | -2619.862 |
| | | Class Normal | DZ | -2237.893 | Code | R-850-TN |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 12.8 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 334570.0 | | End wk 1578 sec 334575.0 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000275809 | | VCV xy | 0.000021468 | |
| | | VCV xz -0.0000119455 | | VCV yy | 0.0000498204 | |
| | | VCV yz -0.0000305353 | | VCV zz | 0.0000653038 | |
| GPSVEC | TP | Point ID 12083 | DX | 1713.284 | DY | -2617.983 |
| | | Class Normal | DZ | -2236.520 | Code | R-850-PS |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 13.8 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 334598.0 | | End wk 1578 sec 334603.0 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.000027723 | | VCV xy | 0.0000215638 | |
| | | VCV xz -0.0000120001 | | VCV yy | 0.0000498955 | |
| | | VCV yz -0.0000303245 | | VCV zz | 0.0000653946 | |
| GPSVEC | TP | Point ID 12084 | DX | 1707.694 | DY | -2614.098 |
| | | Class Normal | DZ | -2234.616 | Code | R-850-R-852 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 13.8 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 334630.4 | | End wk 1578 sec 334635.4 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000280575 | | VCV xy | 0.0000218288 | |
| | | VCV xz -0.0000121536 | | VCV yy | 0.0000507217 | |
| | | VCV yz -0.0000306822 | | VCV zz | 0.0000663295 | |
| GPSVEC | TP | Point ID 12085 | DX | 1707.215 | DY | -2614.453 |
| | | Class Normal | DZ | -2235.512 | Code | R-850-R-852 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334644.4 | End wk 1578 sec | 334649.4 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000280149 | VCV xy | 0.0000217979 |
| | | VCV xz | -0.0000121435 | VCV yy | 0.000050708 |
| | | VCV yz | -0.0000305949 | VCV zz | 0.0000661869 |
| GPSVEC | TP | Point ID 12086 | | DY | -2609.840 |
| | | Class Normal | | Code | R-852-TN |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 5 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334674.6 | End wk 1578 sec | 334679.6 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000027472 | VCV xy | 0.000021374 |
| | | VCV xz | -0.0000119375 | VCV yy | 0.0000498036 |
| | | VCV yz | -0.0000298697 | VCV zz | 0.0000646887 |
| GPSVEC | TP | Point ID 12087 | | DY | -2609.632 |
| | | Class Normal | | Code | R-852 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334693.6 | End wk 1578 sec | 334698.6 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000275574 | VCV xy | 0.0000214434 |
| | | VCV xz | -0.0000119832 | VCV yy | 0.00005002 |
| | | VCV yz | -0.0000298871 | VCV zz | 0.0000648486 |
| GPSVEC | TP | Point ID 12088 | | DY | -2604.517 |
| | | Class Normal | | Code | R-852-EXT |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334715.8 | End wk 1578 sec | 334720.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000277097 | VCV xy | 0.0000215642 |
| | | VCV xz | -0.0000120545 | VCV yy | 0.0000503655 |
| | | VCV yz | -0.0000299639 | VCV zz | 0.0000652304 |
| GPSVEC | TP | Point ID 12089 | | DY | -2604.286 |
| | | Class Normal | | Code | R-852-R-853 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334746.8 | End wk 1578 sec | 334751.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000027676 | VCV xy | 0.0000215395 |
| | | VCV xz | -0.0000120556 | VCV yy | 0.0000503804 |
| | | VCV yz | -0.0000297859 | VCV zz | 0.0000651037 |
| GPSVEC | TP | Point ID 12090 | | DY | -2604.296 |
| | | Class Normal | | Code | R-852 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334764.0 | End wk 1578 sec | 334769.0 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000276124 | VCV xy | 0.0000214929 |
| | | VCV xz | -0.0000120428 | VCV yy | 0.0000503041 |
| | | VCV yz | -0.0000296375 | VCV zz | 0.0000648728 |
| GPSVEC | TP | Point ID 12091 | | DY | -2605.519 |
| | | Class Normal | | Code | R-852-PS/TOE |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 334784.2 | End wk 1578 sec | 334790.0 |

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|--------|----|------------------------------------|--------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000273548 | | VCV xy | 0.0000212946 |
| | | VCV xz -0.0000119531 | | VCV yy | 0.0000498738 |
| | | VCV yz -0.0000292602 | | VCV zz | 0.0000641485 |
| GPSVEC | TP | Point ID 12092 | DX 1686.786 | DY | -2599.679 |
| | | Class Normal | DZ -2228.733 | Code | R-853 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 15.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334806.2 | | End wk 1578 sec 334811.2 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000274596 | | VCV xy | 0.0000213806 |
| | | VCV xz -0.0000120124 | | VCV yy | 0.0000501203 |
| | | VCV yz -0.0000292807 | | VCV zz | 0.0000643836 |
| GPSVEC | TP | Point ID 12093 | DX 1677.650 | DY | -2592.991 |
| | | Class Normal | DZ -2225.511 | Code | R-853/854-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334835.2 | | End wk 1578 sec 334840.2 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000275644 | | VCV xy | 0.0000214659 |
| | | VCV xz -0.0000120807 | | VCV yy | 0.0000503772 |
| | | VCV yz -0.0000292592 | | VCV zz | 0.0000645994 |
| GPSVEC | TP | Point ID 12094 | DX 1669.151 | DY | -2586.666 |
| | | Class Normal | DZ -2222.582 | Code | R-854 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334865.2 | | End wk 1578 sec 334870.2 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000276267 | | VCV xy | 0.0000215193 |
| | | VCV xz -0.000012135 | | VCV yy | 0.0000505591 |
| | | VCV yz -0.0000291856 | | VCV zz | 0.0000646804 |
| GPSVEC | TP | Point ID 12095 | DX 1659.947 | DY | -2580.716 |
| | | Class Normal | DZ -2220.362 | Code | R-854/855-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 15.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334888.4 | | End wk 1578 sec 334893.4 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000277721 | | VCV xy | 0.0000216387 |
| | | VCV xz -0.0000122154 | | VCV yy | 0.0000508894 |
| | | VCV yz -0.0000292361 | | VCV zz | 0.0000650124 |
| GPSVEC | TP | Point ID 12096 | DX 1653.358 | DY | -2576.166 |
| | | Class Normal | DZ -2218.603 | Code | R-855 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 14.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334910.4 | | End wk 1578 sec 334915.4 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000276358 | | VCV xy | 0.0000215356 |
| | | VCV xz -0.0000121847 | | VCV yy | 0.000050682 |
| | | VCV yz -0.0000289878 | | VCV zz | 0.000064572 |
| GPSVEC | TP | Point ID 12097 | DX 1646.205 | DY | -2571.817 |
| | | Class Normal | DZ -2217.339 | Code | R-855/856-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 13.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 334956.6 | | End wk 1578 sec 334961.6 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000275204 | | VCV xy | 0.0000214551 |
| | | VCV xz -0.0000121932 | | VCV yy | 0.0000505768 |
| | | VCV yz -0.0000286545 | | VCV zz | 0.0000641594 |
| NOTE | TS | Time Date 04/07/2010 Time 14:02:52 | | | |

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|--------|----|------------------------------|------|--------------------------|--------------|--------------|
| GPSVEC | TP | Point ID 12098 | DX | 1641.429 | DY | -2569.027 |
| | | Class Normal | DZ | -2216.474 | Code | R-856 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 11.4 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 334982.6 | | End wk 1578 sec 334987.6 | | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000275615 | | VCV xy | 0.0000214958 | |
| | | VCV xz -0.0000122428 | | VCV yy | 0.0000507255 | |
| | | VCV yz -0.0000285881 | | VCV zz | 0.0000642157 | |
| GPSVEC | TP | Point ID 12099 | DX | 1636.917 | DY | -2566.367 |
| | | Class Normal | DZ | -2215.747 | Code | R-856/857-PS |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 7 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 13.6 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 335007.8 | | End wk 1578 sec 335013.6 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000273341 | | VCV xy | 0.0000213072 | |
| | | VCV xz -0.0000121573 | | VCV yy | 0.0000479381 | |
| | | VCV yz -0.0000247166 | | VCV zz | 0.0000584447 | |
| GPSVEC | TP | Point ID 12100 | DX | 1632.695 | DY | -2564.102 |
| | | Class Normal | DZ | -2215.373 | Code | R-857 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 7 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 13.6 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 335043.0 | | End wk 1578 sec 335048.8 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000272885 | | VCV xy | 0.0000212818 | |
| | | VCV xz -0.0000121853 | | VCV yy | 0.0000479278 | |
| | | VCV yz -0.0000245044 | | VCV zz | 0.0000582301 | |
| GPSVEC | TP | Point ID 12101 | DX | 1628.824 | DY | -2562.035 |
| | | Class Normal | DZ | -2214.970 | Code | R-857-PS |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 7 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 14.6 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 335103.4 | | End wk 1578 sec 335109.2 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000274142 | | VCV xy | 0.0000213993 | |
| | | VCV xz -0.0000123227 | | VCV yy | 0.000048254 | |
| | | VCV yz -0.0000242842 | | VCV zz | 0.0000583007 | |
| GPSVEC | TP | Point ID 12102 | DX | 1628.629 | DY | -2561.952 |
| | | Class Normal | DZ | -2214.968 | Code | R-859-EXT |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 14.6 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 335130.2 | | End wk 1578 sec 335135.2 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000273134 | | VCV xy | 0.0000213296 | |
| | | VCV xz -0.0000123229 | | VCV yy | 0.000048118 | |
| | | VCV yz -0.0000240596 | | VCV zz | 0.0000579493 | |
| GPSVEC | TP | Point ID 12103 | DX | 1628.607 | DY | -2561.580 |
| | | Class Normal | DZ | -2214.527 | Code | R-859-TOE |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.023 |
| GPSQC1 | NM | Min SVs 14 | | PDOP max | 1.2 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 7 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 12.8 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 335151.4 | | End wk 1578 sec 335157.4 | | |
| GPSQC2 | NM | Ttl satellites 14 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000271548 | | VCV xy | 0.0000212135 | |
| | | VCV xz -0.00001229 | | VCV yy | 0.0000478705 | |
| | | VCV yz -0.0000238042 | | VCV zz | 0.0000575019 | |
| GPSVEC | TP | Point ID 12104 | DX | 1628.466 | DY | -2562.032 |
| | | Class Normal | DZ | -2215.165 | Code | R-859 |
| | | Obs L1 Fixed | H.pr | 0.018 | V.pr | 0.023 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 14 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 16.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 335167.4 | End wk 1578 sec | 335172.4 |
| GPSQC2 | NM | Ttl satellites | 14 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000027067 | VCV xy | 0.0000211506 |
| | | VCV xz | -0.0000122784 | VCV yy | 0.0000477386 |
| | | VCV yz | -0.0000236533 | VCV zz | 0.0000572285 |
| GPSVEC | TP | Point ID 12105 | | DY | -2558.974 |
| | | Class Normal | | Code | R-859 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.023 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 16.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 335195.4 | End wk 1578 sec | 335200.4 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000271953 | VCV xy | 0.0000212627 |
| | | VCV xz | -0.0000123837 | VCV yy | 0.0000480447 |
| | | VCV yz | -0.0000236416 | VCV zz | 0.0000574361 |
| GPSVEC | TP | Point ID 12106 | | DY | -2558.418 |
| | | Class Normal | | Code | R-859 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.023 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 335205.4 | End wk 1578 sec | 335210.4 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000270519 | VCV xy | 0.0000211669 |
| | | VCV xz | -0.0000123506 | VCV yy | 0.0000480137 |
| | | VCV yz | -0.0000236482 | VCV zz | 0.0000571979 |
| GPSVEC | TP | Point ID 12107 | | DY | -2556.454 |
| | | Class Normal | | Code | R-859/860-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 335229.6 | End wk 1578 sec | 335234.6 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000027145 | VCV xy | 0.0000212719 |
| | | VCV xz | -0.0000124515 | VCV yy | 0.0000486014 |
| | | VCV yz | -0.0000239076 | VCV zz | 0.0000575874 |
| GPSVEC | TP | Point ID 12108 | | DY | -2556.965 |
| | | Class Normal | | Code | R-859/860-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 15.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 335241.8 | End wk 1578 sec | 335247.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000272289 | VCV xy | 0.0000213498 |
| | | VCV xz | -0.0000125182 | VCV yy | 0.0000488966 |
| | | VCV yz | -0.000024023 | VCV zz | 0.0000577908 |
| GPSVEC | TP | Point ID 12109 | | DY | -2554.251 |
| | | Class Normal | | Code | R-860-TOE |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 335270.8 | End wk 1578 sec | 335275.8 |
| GPSQC2 | NM | Ttl satellites | 13 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000273172 | VCV xy | 0.0000214419 |
| | | VCV xz | -0.000012617 | VCV yy | 0.0000493044 |
| | | VCV yz | -0.000024101 | VCV zz | 0.0000580158 |
| GPSVEC | TP | Point ID 12110 | | DY | -2554.830 |
| | | Class Normal | | Code | R-860 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 13 | PDOP max | 1.2 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 335285.8 | End wk 1578 sec | 335290.8 |

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|--------|----|------------------------------------|----------------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000272049 | | VCV xy | 0.0000213635 |
| | | VCV xz -0.0000125994 | | VCV yy | 0.0000491922 |
| | | VCV yz -0.000023983 | | VCV zz | 0.0000577359 |
| GPSVEC | TP | Point ID 12111 | DX 1605.098 | DY | -2551.963 |
| | | Class Normal | DZ -2216.019 | Code | R-860-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 13.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 335326.0 | | End wk 1578 sec 335331.0 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000274521 | | VCV xy | 0.0000215782 |
| | | VCV xz -0.0000127956 | | VCV yy | 0.000049787 |
| | | VCV yz -0.0000240456 | | VCV zz | 0.0000581907 |
| GPSVEC | TP | Point ID 12112 | DX 1604.732 | DY | -2551.858 |
| | | Class Normal | DZ -2216.115 | Code | R-860-TOE |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 14.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 335350.0 | | End wk 1578 sec 335355.0 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000274315 | | VCV xy | 0.0000215727 |
| | | VCV xz -0.0000128399 | | VCV yy | 0.0000498081 |
| | | VCV yz -0.0000239242 | | VCV zz | 0.0000580477 |
| GPSVEC | TP | Point ID 12113 | DX 1604.738 | DY | -2552.309 |
| | | Class Normal | DZ -2216.747 | Code | R-860 |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 13.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 335373.2 | | End wk 1578 sec 335378.2 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000273765 | | VCV xy | 0.000021539 |
| | | VCV xz -0.0000128642 | | VCV yy | 0.0000497503 |
| | | VCV yz -0.0000237651 | | VCV zz | 0.0000578325 |
| GPSVEC | TP | Point ID 12114 | DX 1605.059 | DY | -2552.443 |
| | | Class Normal | DZ -2216.739 | Code | R-860-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 13 | | PDOP max | 1.2 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 335392.4 | | End wk 1578 sec 335397.4 | |
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000276861 | | VCV xy | 0.0000217955 |
| | | VCV xz -0.0000130373 | | VCV yy | 0.0000503529 |
| | | VCV yz -0.0000239163 | | VCV zz | 0.0000584595 |
| NOTE | TS | Time Date 04/07/2010 Time 14:50:11 | | | |
| INIT | KI | Init event Lost | Week 1578 | | |
| | | Init type On the fly | seconds 337824.0 | | |
| | | Init counter 3 | Point ID <no text> | | |
| | | Survey type Real Time | Plate H.Dist <null> | | |
| | | Plate V.Dist <null> | Plate azimuth <null> | | |
| INIT | KI | Init event Gained | Week 1578 | | |
| | | Init type On the fly | seconds 337826.0 | | |
| | | Init counter 3 | Point ID <no text> | | |
| | | Survey type Real Time | Plate H.Dist <null> | | |
| | | Plate V.Dist <null> | Plate azimuth <null> | | |
| GPSVEC | TP | Point ID 12115 | DX 1604.586 | DY | -2552.123 |
| | | Class Normal | DZ -2216.606 | Code | R-860-R-861 |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 13.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 338511.0 | | End wk 1578 sec 338516.0 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0080300886 |
| | | VCV xx 0.0000423242 | | VCV xy | 0.0000384705 |
| | | VCV xz -0.0000149252 | | VCV yy | 0.0000936007 |
| | | VCV yz -0.0000266525 | | VCV zz | 0.0000482684 |
| GPSVEC | TP | Point ID 12116 | DX 1599.456 | DY | -2550.647 |
| | | Class Normal | DZ -2217.639 | Code | R-861 |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.029 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 13.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 338533.0 | End wk 1578 sec | 338538.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0080149239 |
| | | VCV xx | 0.0000418514 | VCV xy | 0.0000380034 |
| | | VCV xz | -0.0000146717 | VCV yy | 0.0000926241 |
| | | VCV yz | -0.0000264077 | VCV zz | 0.0000477075 |
| GPSVEC | TP | Point ID 12117 | DX 1595.878 | DY | -2549.421 |
| | | Class Normal | DZ -2218.283 | Code | R-861/862-PS |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.029 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 13.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 338564.0 | End wk 1578 sec | 338569.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0080739092 |
| | | VCV xx | 0.0000422615 | VCV xy | 0.0000383388 |
| | | VCV xz | -0.0000146804 | VCV yy | 0.0000936296 |
| | | VCV yz | -0.0000267086 | VCV zz | 0.000048103 |
| GPSVEC | TP | Point ID 12118 | DX 1590.845 | DY | -2548.358 |
| | | Class Normal | DZ -2219.740 | Code | R-862 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.027 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.4 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 11.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 338589.4 | End wk 1578 sec | 338595.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000384931 | VCV xy | 0.0000348861 |
| | | VCV xz | -0.000013269 | VCV yy | 0.0000853504 |
| | | VCV yz | -0.0000243658 | VCV zz | 0.0000437714 |
| GPSVEC | TP | Point ID 12119 | DX 1585.163 | DY | -2547.197 |
| | | Class Normal | DZ -2221.352 | Code | R-862/863-PS |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 11.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 338623.4 | End wk 1578 sec | 338628.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000382518 | VCV xy | 0.0000346441 |
| | | VCV xz | -0.0000130467 | VCV yy | 0.0000848976 |
| | | VCV yz | -0.0000242319 | VCV zz | 0.0000433973 |
| GPSVEC | TP | Point ID 12120 | DX 1579.786 | DY | -2546.592 |
| | | Class Normal | DZ -2223.879 | Code | R-863 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 13.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 338651.6 | End wk 1578 sec | 338656.6 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000374945 | VCV xy | 0.0000338944 |
| | | VCV xz | -0.0000126837 | VCV yy | 0.0000832857 |
| | | VCV yz | -0.000023817 | VCV zz | 0.0000425489 |
| GPSVEC | TP | Point ID 12121 | DX 1575.293 | DY | -2546.162 |
| | | Class Normal | DZ -2225.910 | Code | R-863/864-PS |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 13.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 338684.0 | End wk 1578 sec | 338689.8 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000353486 | VCV xy | 0.0000318879 |
| | | VCV xz | -0.0000118461 | VCV yy | 0.0000785777 |
| | | VCV yz | -0.0000225207 | VCV zz | 0.0000401176 |
| GPSVEC | TP | Point ID 12122 | DX 1569.577 | DY | -2545.985 |
| | | Class Normal | DZ -2228.900 | Code | R-864 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 10.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 338706.2 | End wk 1578 sec | 338712.0 |

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|--------|----|------------------------------|--------------|--------------------------|------------------|
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000350804 | | VCV xy | 0.0000316005 |
| | | VCV xz -0.0000116852 | | VCV yy | 0.0000780099 |
| | | VCV yz -0.0000224019 | | VCV zz | 0.0000398199 |
| GPSVEC | TP | Point ID 12123 | DX 1565.567 | DY | -2545.748 |
| | | Class Normal | DZ -2230.966 | Code | R-864-R-865 |
| | | Obs L1 Fixed | H.pr 0.019 | 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 | 13.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 338737.2 | | End wk 1578 sec 338742.2 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000352452 | | VCV xy | 0.0000317161 |
| | | VCV xz -0.0000116311 | | VCV yy | 0.0000784046 |
| | | VCV yz -0.0000225339 | | VCV zz | 0.0000399463 |
| GPSVEC | TP | Point ID 12124 | DX 1565.202 | DY | -2545.249 |
| | | Class Normal | DZ -2230.611 | Code | R-865-TOE |
| | | Obs L1 Fixed | H.pr 0.019 | 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 | 11.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 338759.2 | | End wk 1578 sec 338764.2 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000351411 | | VCV xy | 0.0000315822 |
| | | VCV xz -0.0000115206 | | VCV yy | 0.0000781913 |
| | | VCV yz -0.0000225061 | | VCV zz | 0.0000398187 |
| GPSVEC | TP | Point ID 12125 | DX 1565.537 | DY | -2545.864 |
| | | Class Normal | DZ -2231.131 | Code | R-865 |
| | | Obs L1 Fixed | H.pr 0.018 | 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 | 11.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 338777.4 | | End wk 1578 sec 338782.4 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000347634 | | VCV xy | 0.0000311905 |
| | | VCV xz -0.0000113364 | | VCV yy | 0.0000773681 |
| | | VCV yz -0.0000223177 | | VCV zz | 0.0000394233 |
| GPSVEC | TP | Point ID 12126 | DX 1560.229 | DY | -2545.122 |
| | | Class Normal | DZ -2233.159 | Code | R-865/866-PS-TOE |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| 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 | 13.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 338817.4 | | End wk 1578 sec 338822.4 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000354957 | | VCV xy | 0.0000318052 |
| | | VCV xz -0.0000114268 | | VCV yy | 0.0000790071 |
| | | VCV yz -0.0000228069 | | VCV zz | 0.0000401721 |
| GPSVEC | TP | Point ID 12127 | DX 1560.706 | DY | -2545.648 |
| | | Class Normal | DZ -2233.675 | Code | R-865/866-PS |
| | | Obs L1 Fixed | H.pr 0.019 | 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 | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 338868.6 | | End wk 1578 sec 338873.6 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000350391 | | VCV xy | 0.0000312453 |
| | | VCV xz -0.0000111049 | | VCV yy | 0.0000780221 |
| | | VCV yz -0.0000226489 | | VCV zz | 0.0000397549 |
| GPSVEC | TP | Point ID 12128 | DX 1554.724 | DY | -2545.840 |
| | | Class Normal | DZ -2237.471 | Code | R-866-PS |
| | | Obs L1 Fixed | H.pr 0.018 | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.0 |
| | | Monitor status Not monitored | | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 338890.6 | | End wk 1578 sec 338895.6 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.000031674 | | VCV xy | 0.0000278608 |
| | | VCV xz -0.000009162 | | VCV yy | 0.0000748037 |
| | | VCV yz -0.0000208615 | | VCV zz | 0.0000387971 |

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|--------|----|----------------|-------------------|------|-----------|-----------|-------------------|-----------------|
| GPSVEC | TP | Point ID 12129 | | DX | 1554.350 | | DY | -2545.263 |
| | | Class Normal | | DZ | -2236.904 | | Code | R-866-PS-TOE |
| | | Obs L1 Fixed | | H.pr | 0.019 | | 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 | 12.7 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 338937.8 | | | End wk | 1578 sec 338942.8 | |
| GPSQC2 | NM | Ttl satellites | 11 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000334822 | | | VCV xy | 0.0000295377 | |
| | | VCV xz | -0.0000099709 | | | VCV yy | 0.0000766399 | |
| | | VCV yz | -0.000021946 | | | VCV zz | 0.0000394158 | |
| GPSVEC | TP | Point ID 12130 | | DX | 1550.345 | | DY | -2545.493 |
| | | Class Normal | | DZ | -2239.431 | | Code | R-866-R-867-TOE |
| | | Obs L1 Fixed | | H.pr | 0.019 | | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 11 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.8 | |
| | | Total GPS pos | 7 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 13.7 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 339018.2 | | | End wk | 1578 sec 339024.0 | |
| GPSQC2 | NM | Ttl satellites | 11 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000344276 | | | VCV xy | 0.0000302498 | |
| | | VCV xz | -0.0000102321 | | | VCV yy | 0.0000774321 | |
| | | VCV yz | -0.000022642 | | | VCV zz | 0.0000397965 | |
| GPSVEC | TP | Point ID 12131 | | DX | 1550.688 | | DY | -2546.076 |
| | | Class Normal | | DZ | -2239.956 | | Code | R-866-R-867 |
| | | Obs L1 Fixed | | H.pr | 0.019 | | 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 | 13.7 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 339038.2 | | | End wk | 1578 sec 339043.2 | |
| GPSQC2 | NM | Ttl satellites | 11 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000346772 | | | VCV xy | 0.0000304525 | |
| | | VCV xz | -0.0000103017 | | | VCV yy | 0.0000776666 | |
| | | VCV yz | -0.0000228234 | | | VCV zz | 0.0000398996 | |
| GPSVEC | TP | Point ID 12132 | | DX | 1545.864 | | DY | -2545.944 |
| | | Class Normal | | DZ | -2242.623 | | Code | R-867 |
| | | Obs L1 Fixed | | H.pr | 0.019 | | V.pr | 0.025 |
| GPSQC1 | NM | Min SVs | 11 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.8 | |
| | | Total GPS pos | 7 | | | VDOP max | 1.0 | |
| | | Monitor status | Not monitored | | | RMS | 9.1 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 339076.4 | | | End wk | 1578 sec 339082.2 | |
| GPSQC2 | NM | Ttl satellites | 11 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000340809 | | | VCV xy | 0.000029756 | |
| | | VCV xz | -0.0000099193 | | | VCV yy | 0.0000766548 | |
| | | VCV yz | -0.0000225699 | | | VCV zz | 0.000039586 | |
| GPSVEC | TP | Point ID 12133 | | DX | 1546.157 | | DY | -2546.484 |
| | | Class Normal | | DZ | -2243.002 | | Code | R-867 |
| | | Obs L1 Fixed | | H.pr | 0.019 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 10 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.8 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 12.6 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 339103.4 | | | End wk | 1578 sec 339108.4 | |
| GPSQC2 | NM | Ttl satellites | 10 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000369625 | | | VCV xy | 0.0000325943 | |
| | | VCV xz | -0.0000113488 | | | VCV yy | 0.0000797236 | |
| | | VCV yz | -0.0000242108 | | | VCV zz | 0.0000405619 | |
| GPSVEC | TP | Point ID 12134 | | DX | 2086.623 | | DY | -2822.887 |
| | | Class Normal | | DZ | -2277.553 | | Code | R-189 |
| | | Obs L1 Fixed | | H.pr | 0.019 | | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | | | PDOP max | 1.3 | |
| | | Relative DOPs | Yes | | | HDOP max | 0.8 | |
| | | Total GPS pos | 6 | | | VDOP max | 1.1 | |
| | | Monitor status | Not monitored | | | RMS | 13.8 | |
| | | Horz SD | | | | Vert SD | | |
| | | Start wk | 1578 sec 339379.6 | | | End wk | 1578 sec 339384.8 | |
| GPSQC2 | NM | Ttl satellites | 11 | | | Err Scale | 0.0077459668 | |
| | | VCV xx | 0.0000417053 | | | VCV xy | 0.0000336439 | |
| | | VCV xz | -0.0000120852 | | | VCV yy | 0.0000773589 | |
| | | VCV yz | -0.0000260198 | | | VCV zz | 0.0000448825 | |
| GPSVEC | TP | Point ID 12135 | | DX | 2088.428 | | DY | -2823.846 |
| | | Class Normal | | DZ | -2277.750 | | Code | R-189 |
| | | Obs L1 Fixed | | H.pr | 0.019 | | V.pr | 0.026 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 7 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339396.0 | End wk 1578 sec | 339401.8 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000410786 | VCV xy | 0.0000330071 |
| | | VCV xz | -0.0000118089 | VCV yy | 0.0000760987 |
| | | VCV yz | -0.000025703 | VCV zz | 0.0000443852 |
| GPSVEC | TP | Point ID 12136 | | DY | -2824.272 |
| | | Class Normal | | Code | R-189-TOP |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339420.0 | End wk 1578 sec | 339425.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000410106 | VCV xy | 0.00003283 |
| | | VCV xz | -0.0000116718 | VCV yy | 0.0000758768 |
| | | VCV yz | -0.0000257367 | VCV zz | 0.0000444882 |
| GPSVEC | TP | Point ID 12137 | | DY | -2823.177 |
| | | Class Normal | | Code | R-189-TOP |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 10.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339435.2 | End wk 1578 sec | 339440.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000412248 | VCV xy | 0.0000329366 |
| | | VCV xz | -0.0000116585 | VCV yy | 0.0000762218 |
| | | VCV yz | -0.0000259148 | VCV zz | 0.0000448202 |
| GPSVEC | TP | Point ID 12138 | | DY | -2823.229 |
| | | Class Normal | | Code | R-189-PS |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | 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 1578 sec | 339455.6 | End wk 1578 sec | 339461.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000407913 | VCV xy | 0.0000324533 |
| | | VCV xz | -0.0000114228 | VCV yy | 0.0000753418 |
| | | VCV yz | -0.0000257135 | VCV zz | 0.0000445542 |
| GPSVEC | TP | Point ID 12139 | | DY | -2824.216 |
| | | Class Normal | | Code | R-189-PS |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339469.4 | End wk 1578 sec | 339475.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000402695 | VCV xy | 0.0000319347 |
| | | VCV xz | -0.0000111958 | VCV yy | 0.000074323 |
| | | VCV yz | -0.0000254406 | VCV zz | 0.000044137 |
| GPSVEC | TP | Point ID 12140 | | DY | -2876.003 |
| | | Class Normal | | Code | R-190-EXT |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339526.8 | End wk 1578 sec | 339531.8 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000411261 | VCV xy | 0.000032304 |
| | | VCV xz | -0.0000111353 | VCV yy | 0.0000757453 |
| | | VCV yz | -0.0000261659 | VCV zz | 0.0000455798 |
| GPSVEC | TP | Point ID 12141 | | DY | -2876.868 |
| | | Class Normal | | Code | R-190-EXT |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.1 |
| | | Monitor status | Not monitored | RMS | 12.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339539.8 | End wk 1578 sec | 339544.8 |

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|--------|----|------------------------------------|----------------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000409528 | | VCV xy | 0.0000320823 |
| | | VCV xz -0.0000110165 | | VCV yy | 0.0000753814 |
| | | VCV yz -0.0000261072 | | VCV zz | 0.0000455199 |
| GPSVEC | TP | Point ID 12142 | DX 2193.107 | DY | -2876.648 |
| | | Class Normal | DZ -2283.486 | Code | R-190 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 12.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 339558.8 | | End wk 1578 sec 339563.8 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000407694 | | VCV xy | 0.00003182 |
| | | VCV xz -0.0000108645 | | VCV yy | 0.000074982 |
| | | VCV yz -0.0000260618 | | VCV zz | 0.0000455035 |
| GPSVEC | TP | Point ID 12143 | DX 2191.624 | DY | -2875.839 |
| | | Class Normal | DZ -2283.339 | Code | R-190 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 10.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 339571.8 | | End wk 1578 sec 339577.0 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000405113 | | VCV xy | 0.0000315373 |
| | | VCV xz -0.0000107264 | | VCV yy | 0.0000744624 |
| | | VCV yz -0.0000259463 | | VCV zz | 0.0000453421 |
| GPSVEC | TP | Point ID 12144 | DX 2191.082 | DY | -2876.700 |
| | | Class Normal | DZ -2284.567 | Code | R-190 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 10.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 339587.0 | | End wk 1578 sec 339592.0 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000403139 | | VCV xy | 0.0000312967 |
| | | VCV xz -0.0000105964 | | VCV yy | 0.0000740512 |
| | | VCV yz -0.0000258734 | | VCV zz | 0.0000452621 |
| GPSVEC | TP | Point ID 12145 | DX 2192.594 | DY | -2877.456 |
| | | Class Normal | DZ -2284.721 | Code | R-190 |
| | | Obs L1 Fixed | H.pr 0.019 | V.pr | 0.026 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.3 |
| | | Relative DOPs Yes | | HDOP max | 0.8 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 11.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 339599.0 | | End wk 1578 sec 339604.0 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000400831 | | VCV xy | 0.0000310478 |
| | | VCV xz -0.0000104741 | | VCV yy | 0.0000735882 |
| | | VCV yz -0.0000257691 | | VCV zz | 0.0000451154 |
| NOTE | TS | Time Date 04/07/2010 Time 15:20:15 | | | |
| INIT | KI | Init event Lost | Week 1578 | | |
| | | Init type On the fly | seconds 339629.0 | | |
| | | Init counter 3 | Point ID <no text> | | |
| | | Survey type Real Time | Plate H.Dist <null> | | |
| | | Plate V.Dist <null> | Plate azimuth <null> | | |
| INIT | KI | Init event Gained | Week 1578 | | |
| | | Init type On the fly | seconds 339630.0 | | |
| | | Init counter 3 | Point ID <no text> | | |
| | | Survey type Real Time | Plate H.Dist <null> | | |
| | | Plate V.Dist <null> | Plate azimuth <null> | | |
| GPSVEC | TP | Point ID 12146 | DX 1898.079 | DY | -2726.113 |
| | | Class Normal | DZ -2265.015 | Code | R-191-TN |
| | | Obs L1 Fixed | H.pr 0.023 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 13.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 339761.2 | | End wk 1578 sec 339766.2 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0083915694 |
| | | VCV xx 0.0000497591 | | VCV xy | 0.0000374389 |
| | | VCV xz -0.0000119207 | | VCV yy | 0.0000910373 |
| | | VCV yz -0.0000329967 | | VCV zz | 0.0000583629 |
| GPSVEC | TP | Point ID 12147 | DX 1898.925 | DY | -2726.753 |
| | | Class Normal | DZ -2265.313 | Code | R-191-EXT |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.036 |

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| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 13.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339781.4 | End wk 1578 sec | 339786.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0090581039 |
| | | VCV xx | 0.000057164 | VCV xy | 0.0000428614 |
| | | VCV xz | -0.0000135845 | VCV yy | 0.0001044172 |
| | | VCV yz | -0.0000379455 | VCV zz | 0.0000672307 |
| GPSVEC | TP | Point ID 12148 | | DY | -2725.903 |
| | | Class Normal | | Code | R-191-EXT |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 1.0 |
| | | Total GPS pos | 5 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 18.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339792.4 | End wk 1578 sec | 339797.6 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0088998713 |
| | | VCV xx | 0.000055143 | VCV xy | 0.0000412936 |
| | | VCV xz | -0.0000130549 | VCV yy | 0.0001006633 |
| | | VCV yz | -0.0000366357 | VCV zz | 0.000064939 |
| GPSVEC | TP | Point ID 12149 | | DY | -2726.471 |
| | | Class Normal | | Code | R-191-TOP |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.036 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 18.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339811.6 | End wk 1578 sec | 339816.6 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0090634637 |
| | | VCV xx | 0.0000567839 | VCV xy | 0.0000423825 |
| | | VCV xz | -0.0000133323 | VCV yy | 0.0001035374 |
| | | VCV yz | -0.0000377973 | VCV zz | 0.0000670974 |
| GPSVEC | TP | Point ID 12150 | | DY | -2727.447 |
| | | Class Normal | | Code | R-191-TOP |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 16.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339827.6 | End wk 1578 sec | 339832.6 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0090335663 |
| | | VCV xx | 0.0000561411 | VCV xy | 0.0000417907 |
| | | VCV xz | -0.000013087 | VCV yy | 0.0001022746 |
| | | VCV yz | -0.0000374427 | VCV zz | 0.0000665342 |
| GPSVEC | TP | Point ID 12151 | | DY | -2727.475 |
| | | Class Normal | | Code | R-191 |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr | 0.038 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 16.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339843.8 | End wk 1578 sec | 339848.8 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0093255425 |
| | | VCV xx | 0.000060003 | VCV xy | 0.0000445677 |
| | | VCV xz | -0.0000138937 | VCV yy | 0.0001092336 |
| | | VCV yz | -0.000040106 | VCV zz | 0.0000713195 |
| GPSVEC | TP | Point ID 12152 | | DY | -2726.824 |
| | | Class Normal | | Code | R-191 |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr | 0.038 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.6 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 17.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 339857.8 | End wk 1578 sec | 339862.8 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0093738707 |
| | | VCV xx | 0.0000603221 | VCV xy | 0.000044692 |
| | | VCV xz | -0.0000138716 | VCV yy | 0.0001097322 |
| | | VCV yz | -0.0000404028 | VCV zz | 0.0000719069 |
| GPSVEC | TP | Point ID 12153 | | DY | -2667.444 |
| | | Class Normal | | Code | R-851-EXT |
| | | Obs L1 Fixed | H.pr 0.028 | V.pr | 0.039 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 7 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 22.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 340112.4 | End wk 1578 sec | 340118.2 |

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|--------|----|------------------------------|--------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0099231917 |
| | | VCV xx 0.000060778 | | VCV xy | 0.0000424853 |
| | | VCV xz -0.0000118791 | | VCV yy | 0.000100406 |
| | | VCV yz -0.0000368316 | | VCV zz | 0.0000733878 |
| GPSVEC | TP | Point ID 12154 | DX 1779.985 | DY | -2665.240 |
| | | Class Normal | DZ -2257.024 | Code | R-851-EXT |
| | | Obs L1 Fixed | H.pr 0.029 | V.pr | 0.040 |
| 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 | 18.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 340125.4 | | End wk 1578 sec 340130.4 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0102678286 |
| | | VCV xx 0.0000625914 | | VCV xy | 0.0000436806 |
| | | VCV xz -0.0000121618 | | VCV yy | 0.0001032889 |
| | | VCV yz -0.0000379974 | | VCV zz | 0.000075763 |
| GPSVEC | TP | Point ID 12155 | DX 1780.209 | DY | -2665.529 |
| | | Class Normal | DZ -2257.290 | Code | R-851 |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.036 |
| 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 | 21.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 340147.6 | | End wk 1578 sec 340153.6 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0092575094 |
| | | VCV xx 0.0000558332 | | VCV xy | 0.0000387534 |
| | | VCV xz -0.0000106778 | | VCV yy | 0.0000918922 |
| | | VCV yz -0.0000340092 | | VCV zz | 0.0000679951 |
| GPSVEC | TP | Point ID 12156 | DX 1784.063 | DY | -2667.492 |
| | | Class Normal | DZ -2257.547 | Code | R-851 |
| | | Obs L1 Fixed | H.pr 0.027 | V.pr | 0.033 |
| 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 | 16.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 340161.6 | | End wk 1578 sec 340166.6 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0090584103 |
| | | VCV xx 0.0000533407 | | VCV xy | 0.0000369272 |
| | | VCV xz -0.000010119 | | VCV yy | 0.0000876709 |
| | | VCV yz -0.0000325525 | | VCV zz | 0.0000651575 |
| GPSVEC | TP | Point ID 12157 | DX 1784.416 | DY | -2666.945 |
| | | Class Normal | DZ -2256.658 | Code | R-851-TOE |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.033 |
| 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 | 18.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 340182.6 | | End wk 1578 sec 340187.6 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0089838123 |
| | | VCV xx 0.0000526161 | | VCV xy | 0.0000363002 |
| | | VCV xz -0.0000098671 | | VCV yy | 0.0000863077 |
| | | VCV yz -0.0000322142 | | VCV zz | 0.0000646091 |
| GPSVEC | TP | Point ID 12158 | DX 1780.513 | DY | -2664.927 |
| | | Class Normal | DZ -2256.459 | Code | R-851-TOE |
| | | Obs L1 Fixed | H.pr 0.026 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 6 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 14.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 340201.6 | | End wk 1578 sec 340206.6 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0088707227 |
| | | VCV xx 0.0000512262 | | VCV xy | 0.0000352152 |
| | | VCV xz -0.0000094971 | | VCV yy | 0.0000838649 |
| | | VCV yz -0.0000314551 | | VCV zz | 0.0000632088 |
| GPSVEC | TP | Point ID 12159 | DX 1780.150 | DY | -2664.968 |
| | | Class Normal | DZ -2256.707 | Code | R-851-R-846 |
| | | Obs L1 Fixed | H.pr 0.025 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.9 |
| | | Total GPS pos 7 | | VDOP max | 1.1 |
| | | Monitor status Not monitored | | RMS | 17.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 340228.0 | | End wk 1578 sec 340233.8 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0087743551 |
| | | VCV xx 0.0000497677 | | VCV xy | 0.0000340196 |
| | | VCV xz -0.000009066 | | VCV yy | 0.0000812375 |
| | | VCV yz -0.0000306866 | | VCV zz | 0.0000618462 |

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|--------|----|------------------------------|------|--------------------------|--------------|-----------------|
| GPSVEC | TP | Point ID 12160 | DX | 1784.015 | DY | -2666.724 |
| | | Class Normal | DZ | -2256.565 | Code | R-851-PS-TOE |
| | | Obs L1 Fixed | H.pr | 0.024 | V.pr | 0.030 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.9 | |
| | | Total GPS pos 6 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 17.2 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 340274.8 | | End wk 1578 sec 340279.8 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0085134208 | |
| | | VCV xx 0.0000471032 | | VCV xy | 0.000031916 | |
| | | VCV xz -0.0000083409 | | VCV yy | 0.0000765129 | |
| | | VCV yz -0.0000292611 | | VCV zz | 0.0000592563 | |
| GPSVEC | TP | Point ID 12161 | DX | 2224.561 | DY | -2894.810 |
| | | Class Normal | DZ | -2289.235 | Code | R-192 |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 13.4 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 340578.2 | | End wk 1578 sec 340583.4 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000368892 | | VCV xy | 0.0000228649 | |
| | | VCV xz -0.0000050361 | | VCV yy | 0.0000580615 | |
| | | VCV yz -0.0000239888 | | VCV zz | 0.0000520316 | |
| GPSVEC | TP | Point ID 12162 | DX | 2225.843 | DY | -2895.316 |
| | | Class Normal | DZ | -2288.616 | Code | R-192 |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 10.9 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 340591.4 | | End wk 1578 sec 340596.4 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.000036758 | | VCV xy | 0.0000228301 | |
| | | VCV xz -0.0000049479 | | VCV yy | 0.0000578606 | |
| | | VCV yz -0.0000239366 | | VCV zz | 0.0000517953 | |
| GPSVEC | TP | Point ID 12163 | DX | 2225.012 | DY | -2895.493 |
| | | Class Normal | DZ | -2290.689 | Code | R-192 |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 11.6 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 340605.4 | | End wk 1578 sec 340610.4 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000367407 | | VCV xy | 0.0000228498 | |
| | | VCV xz -0.0000048746 | | VCV yy | 0.000057827 | |
| | | VCV yz -0.0000239713 | | VCV zz | 0.000051774 | |
| GPSVEC | TP | Point ID 12164 | DX | 2225.731 | DY | -2895.779 |
| | | Class Normal | DZ | -2290.541 | Code | R-192-AT-IN |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 11.0 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 340638.6 | | End wk 1578 sec 340643.6 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000369954 | | VCV xy | 0.0000230187 | |
| | | VCV xz -0.0000047486 | | VCV yy | 0.0000581679 | |
| | | VCV yz -0.0000242991 | | VCV zz | 0.0000523484 | |
| GPSVEC | TP | Point ID 12165 | DX | 2226.202 | DY | -2895.604 |
| | | Class Normal | DZ | -2290.236 | Code | R-192 |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs 12 | | PDOP max | 1.3 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 6 | | VDOP max | 1.0 | |
| | | Monitor status Not monitored | | RMS | 11.0 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 340674.6 | | End wk 1578 sec 340679.6 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000371659 | | VCV xy | 0.000023045 | |
| | | VCV xz -0.0000046053 | | VCV yy | 0.0000583097 | |
| | | VCV yz -0.0000246138 | | VCV zz | 0.0000530006 | |
| GPSVEC | TP | Point ID 12166 | DX | 2226.087 | DY | -2895.719 |
| | | Class Normal | DZ | -2289.338 | Code | R-192-EXT-AT-IN |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.024 |

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|--------|----|-------------------|--------------------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 11.0 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 340700.8 | End wk 1578 sec | 340705.8 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000371131 | VCV xy | 0.0000229226 |
| | | VCV xz | -0.0000044832 | VCV yy | 0.0000581147 |
| | | VCV yz | -0.0000247339 | VCV zz | 0.0000532791 |
| GPSVEC | TP | Point ID 12167 | DX 2226.450 | DY | -2895.889 |
| | | Class Normal | DZ -2289.070 | Code | EXT |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 12.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 340718.8 | End wk 1578 sec | 340723.8 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000369895 | VCV xy | 0.0000227755 |
| | | VCV xz | -0.0000043894 | VCV yy | 0.0000578381 |
| | | VCV yz | -0.000024755 | VCV zz | 0.0000533487 |
| GPSVEC | TP | Point ID 12168 | DX 2226.704 | DY | -2896.199 |
| | | Class Normal | DZ -2289.063 | Code | EXT-STOP |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 340737.0 | End wk 1578 sec | 340742.0 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000368616 | VCV xy | 0.0000226241 |
| | | VCV xz | -0.0000042985 | VCV yy | 0.0000575568 |
| | | VCV yz | -0.0000247819 | VCV zz | 0.000053432 |
| GPSVEC | TP | Point ID 12169 | DX 2226.670 | DY | -2894.963 |
| | | Class Normal | DZ -2291.385 | Code | EXT |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.024 |
| GPSQC1 | NM | Min SVs | 12 | PDOP max | 1.3 |
| | | Relative DOPs | Yes | HDOP max | 0.8 |
| | | Total GPS pos | 6 | VDOP max | 1.0 |
| | | Monitor status | Not monitored | RMS | 14.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 340768.0 | End wk 1578 sec | 340773.0 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000369177 | VCV xy | 0.0000225282 |
| | | VCV xz | -0.0000041817 | VCV yy | 0.0000575086 |
| | | VCV yz | -0.0000250453 | VCV zz | 0.0000540426 |
| NOTE | TS | Time Date | 04/07/2010 Time 16:18:53 | | |
| GPSVEC | TP | Point ID 12170 | DX 2224.132 | DY | -2896.347 |
| | | Class Normal | DZ -2294.968 | Code | R-? |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.035 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 343143.0 | End wk 1578 sec | 343148.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0085650897 |
| | | VCV xx | 0.0000344815 | VCV xy | 0.0000192385 |
| | | VCV xz | -0.0000103929 | VCV yy | 0.0000874908 |
| | | VCV yz | -0.0000917352 | VCV zz | 0.0001544493 |
| GPSVEC | TP | Point ID 12171 | DX 2224.591 | DY | -2895.988 |
| | | Class Normal | DZ -2292.856 | Code | R-? |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.034 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 16.8 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 343155.2 | End wk 1578 sec | 343160.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0083869826 |
| | | VCV xx | 0.0000333124 | VCV xy | 0.0000187549 |
| | | VCV xz | -0.0000102899 | VCV yy | 0.0000841224 |
| | | VCV yz | -0.0000878338 | VCV zz | 0.0001474362 |
| GPSVEC | TP | Point ID 12172 | DX 2224.964 | DY | -2896.128 |
| | | Class Normal | DZ -2292.779 | Code | R-?-AT-IN |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.034 |

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| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 16.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 343192.6 | End wk 1578 sec | 343198.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0084171454 |
| | | VCV xx | 0.0000339804 | VCV xy | 0.0000196412 |
| | | VCV xz | -0.0000112246 | VCV yy | 0.0000853311 |
| | | VCV yz | -0.0000883454 | VCV zz | 0.0001469198 |
| GPSVEC | TP | Point ID 12173 | | DY | -2896.647 |
| | | Class Normal | | Code | R-?-AT-IN |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.034 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 18.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 343211.6 | End wk 1578 sec | 343216.6 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0084424382 |
| | | VCV xx | 0.0000342796 | VCV xy | 0.0000200218 |
| | | VCV xz | -0.0000116327 | VCV yy | 0.0000860814 |
| | | VCV yz | -0.0000888876 | VCV zz | 0.0001472149 |
| GPSVEC | TP | Point ID 12174 | | DY | -2895.225 |
| | | Class Normal | | Code | R-?-AT-TOE |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.034 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 6 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 343243.8 | End wk 1578 sec | 343248.8 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0084826462 |
| | | VCV xx | 0.0000346739 | VCV xy | 0.0000205903 |
| | | VCV xz | -0.0000122914 | VCV yy | 0.0000873036 |
| | | VCV yz | -0.0000898328 | VCV zz | 0.0001476957 |
| GPSVEC | TP | Point ID 12175 | | DY | -2894.859 |
| | | Class Normal | | Code | R-?-EXT-AT-TOE |
| | | Obs L1 Fixed | H.pr 0.024 | V.pr | 0.034 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.9 |
| | | Total GPS pos | 7 | VDOP max | 1.2 |
| | | Monitor status | Not monitored | RMS | 15.2 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 343266.0 | End wk 1578 sec | 343271.8 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.008450265 |
| | | VCV xx | 0.0000344704 | VCV xy | 0.0000206781 |
| | | VCV xz | -0.0000125752 | VCV yy | 0.0000869285 |
| | | VCV yz | -0.0000891956 | VCV zz | 0.0001458834 |
| NOTE | NM | Modified 4:21:38 PM 4/7/2010 | | | |
| NOTE | NM | Old values R-?-AT-TOE | | | |
| GPSVEC | TP | Point ID 12176 | | DY | -2548.967 |
| | | Class Del normal | | Code | EXT |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.029 |
| 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 | 16.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 343939.4 | End wk 1578 sec | 343944.4 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0079445411 |
| | | VCV xx | 0.0000340818 | VCV xy | 0.0000249035 |
| | | VCV xz | -0.0000197669 | VCV yy | 0.0000719199 |
| | | VCV yz | -0.0000617954 | VCV zz | 0.0000911988 |
| NOTE | NM | Deleted 4:32:52 PM 4/7/2010 | | | |
| GPSVEC | TP | Point ID 12177 | | DY | -2548.994 |
| | | Class Normal | | Code | R-193-EXTSTOP |
| | | Obs L1 Fixed | H.pr 0.021 | V.pr | 0.029 |
| 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 | 15.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 344015.8 | End wk 1578 sec | 344020.8 |
| GPSQC2 | NM | Ttl satellites | 12 | Err Scale | 0.0079480056 |
| | | VCV xx | 0.0000344484 | VCV xy | 0.0000256027 |
| | | VCV xz | -0.0000205705 | VCV yy | 0.0000725429 |
| | | VCV yz | -0.0000616153 | VCV zz | 0.0000895226 |
| NOTE | NM | Modified 4:35:08 PM 4/7/2010 | | | |
| NOTE | NM | Old values R-?-EXTSTOP | | | |

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|--------|----|------------------------------|------|--------------------------|--------------|-------------|
| GPSVEC | TP | Point ID 12178 | DX | 1547.345 | DY | -2548.961 |
| | | Class Normal | DZ | -2245.625 | Code | R-193-TOP |
| | | Obs L1 Fixed | H.pr | 0.021 | V.pr | 0.029 |
| 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 | 15.5 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344040.8 | | End wk 1578 sec 344045.8 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0079302359 | |
| | | VCV xx 0.0000344063 | | VCV xy 0.0000257037 | | |
| | | VCV xz -0.0000207274 | | VCV yy 0.0000724032 | | |
| | | VCV yz -0.0000612583 | | VCV zz 0.0000885422 | | |
| NOTE | NM | Modified 4:35:23 PM 4/7/2010 | | | | |
| NOTE | NM | Old values R-?-TOP | | | | |
| GPSVEC | TP | Point ID 12179 | DX | 1546.367 | DY | -2549.726 |
| | | Class Normal | DZ | -2247.277 | Code | R-193-ATTOP |
| | | Obs L1 Fixed | H.pr | 0.021 | V.pr | 0.029 |
| 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 | 13.7 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344077.0 | | End wk 1578 sec 344082.0 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0079184594 | |
| | | VCV xx 0.00003446 | | VCV xy 0.0000259336 | | |
| | | VCV xz -0.0000210115 | | VCV yy 0.0000724591 | | |
| | | VCV yz -0.0000609659 | | VCV zz 0.0000874667 | | |
| NOTE | NM | Modified 4:35:36 PM 4/7/2010 | | | | |
| NOTE | NM | Old values R-?-ATTOP | | | | |
| GPSVEC | TP | Point ID 12180 | DX | 1547.868 | DY | -2549.454 |
| | | Class Normal | DZ | -2246.301 | Code | R-193-ATTOP |
| | | Obs L1 Fixed | H.pr | 0.021 | V.pr | 0.029 |
| 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 | 17.2 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344094.0 | | End wk 1578 sec 344099.0 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0078951549 | |
| | | VCV xx 0.0000343385 | | VCV xy 0.0000259239 | | |
| | | VCV xz -0.0000210504 | | VCV yy 0.0000721623 | | |
| | | VCV yz -0.0000605536 | | VCV zz 0.0000865744 | | |
| NOTE | NM | Modified 4:35:45 PM 4/7/2010 | | | | |
| NOTE | NM | Old values R-?-ATTOP | | | | |
| GPSVEC | TP | Point ID 12181 | DX | 1548.303 | DY | -2548.597 |
| | | Class Normal | DZ | -2245.753 | Code | R-193-TOE |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.028 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.8 | |
| | | Total GPS pos 7 | | VDOP max | 1.1 | |
| | | Monitor status Not monitored | | RMS | 13.6 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344200.0 | | End wk 1578 sec 344205.8 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0077884905 | |
| | | VCV xx 0.0000349781 | | VCV xy 0.0000269923 | | |
| | | VCV xz -0.0000221716 | | VCV yy 0.0000711434 | | |
| | | VCV yz -0.0000575908 | | VCV zz 0.0000807052 | | |
| GPSVEC | TP | Point ID 12182 | DX | 1548.704 | DY | -2548.924 |
| | | Class Normal | DZ | -2246.134 | Code | R-193 |
| | | Obs L1 Fixed | H.pr | 0.020 | V.pr | 0.029 |
| 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 | 17.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344240.0 | | End wk 1578 sec 344245.0 | | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0078623267 | |
| | | VCV xx 0.0000351655 | | VCV xy 0.000027329 | | |
| | | VCV xz -0.0000225146 | | VCV yy 0.0000727034 | | |
| | | VCV yz -0.000059159 | | VCV zz 0.0000821503 | | |
| GPSVEC | TP | Point ID 12183 | DX | 1549.313 | DY | -2549.168 |
| | | Class Normal | DZ | -2246.364 | Code | R-193 |
| | | Obs L1 Fixed | H.pr | 0.020 | 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 | 17.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344250.2 | | End wk 1578 sec 344255.2 | | |

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|--------|----|------------------------------|--------------|--------------------------|--------------|
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0078394134 |
| | | VCV xx 0.0000349278 | | VCV xy | 0.0000271825 |
| | | VCV xz -0.000022415 | | VCV yy | 0.0000723427 |
| | | VCV yz -0.0000588536 | | VCV zz | 0.0000815481 |
| GPSVEC | TP | Point ID 12184 | DX 1550.175 | DY | -2549.376 |
| | | Class Normal | DZ -2246.599 | Code | R-193 |
| | | Obs L1 Fixed | H.pr 0.020 | 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 | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 344263.2 | | End wk 1578 sec 344268.2 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0078457287 |
| | | VCV xx 0.000034949 | | VCV xy | 0.0000272562 |
| | | VCV xz -0.000022499 | | VCV yy | 0.0000725407 |
| | | VCV yz -0.0000589853 | | VCV zz | 0.0000815016 |
| GPSVEC | TP | Point ID 12185 | DX 1551.190 | DY | -2550.440 |
| | | Class Normal | DZ -2248.917 | Code | R-193 |
| | | Obs L1 Fixed | H.pr 0.020 | 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 | 14.5 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 344278.2 | | End wk 1578 sec 344283.2 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0078456029 |
| | | VCV xx 0.0000349319 | | VCV xy | 0.0000273128 |
| | | VCV xz -0.0000225694 | | VCV yy | 0.000072645 |
| | | VCV yz -0.0000590126 | | VCV zz | 0.0000812778 |
| GPSVEC | TP | Point ID 12186 | DX 1548.842 | DY | -2549.445 |
| | | Class Normal | DZ -2246.754 | Code | R-193-AT-IN |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.029 |
| 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 | 16.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 344309.4 | | End wk 1578 sec 344314.4 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0078958012 |
| | | VCV xx 0.0000353953 | | VCV xy | 0.0000278362 |
| | | VCV xz -0.0000230394 | | VCV yy | 0.0000738101 |
| | | VCV yz -0.000059776 | | VCV zz | 0.0000817757 |
| GPSVEC | TP | Point ID 12187 | DX 1550.858 | DY | -2550.445 |
| | | Class Normal | DZ -2249.475 | Code | R-193-AT-IN |
| | | Obs L1 Fixed | H.pr 0.020 | V.pr | 0.029 |
| 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 | 18.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 344331.4 | | End wk 1578 sec 344336.4 | |
| GPSQC2 | NM | Ttl satellites 12 | | Err Scale | 0.0079099676 |
| | | VCV xx 0.0000355805 | | VCV xy | 0.0000280881 |
| | | VCV xz -0.0000232735 | | VCV yy | 0.0000742482 |
| | | VCV yz -0.0000599564 | | VCV zz | 0.0000816359 |
| GPSVEC | TP | Point ID 12188 | DX 1550.570 | DY | -2548.789 |
| | | Class Normal | DZ -2251.053 | Code | R-193-AT-TOE |
| | | Obs L1 Fixed | H.pr 0.017 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.4 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.3 |
| | | Monitor status Not monitored | | RMS | 15.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 344355.6 | | End wk 1578 sec 344360.6 | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000358879 | | VCV xy | 0.0000287723 |
| | | VCV xz -0.0000242149 | | VCV yy | 0.0000741982 |
| | | VCV yz -0.0000597889 | | VCV zz | 0.0000811089 |
| GPSVEC | TP | Point ID 12189 | DX 1559.907 | DY | -2558.616 |
| | | Class Normal | DZ -2257.011 | Code | R-194-PS |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs 10 | | PDOP max | 1.5 |
| | | Relative DOPs Yes | | HDOP max | 0.7 |
| | | Total GPS pos 6 | | VDOP max | 1.3 |
| | | Monitor status Not monitored | | RMS | 10.7 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec 344836.0 | | End wk 1578 sec 344841.0 | |
| GPSQC2 | NM | Ttl satellites 10 | | Err Scale | 0.0077459668 |
| | | VCV xx 0.0000398573 | | VCV xy | 0.0000340297 |
| | | VCV xz -0.0000288439 | | VCV yy | 0.0000769493 |
| | | VCV yz -0.0000614793 | | VCV zz | 0.0000780355 |

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|--------|----|------------------------------------|------|--------------------------|--------------|------------------|
| GPSVEC | TP | Point ID 12190 | DX | 1556.525 | DY | -2554.528 |
| | | Class Normal | DZ | -2257.427 | Code | R-194-AT-TOE |
| | | Obs L1 Fixed | H.pr | 0.016 | V.pr | 0.031 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.4 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 6 | | VDOP max | 1.3 | |
| | | Monitor status Not monitored | | RMS | 14.0 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344861.2 | | End wk 1578 sec 344866.2 | | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000401215 | | VCV xy | 0.0000344831 | |
| | | VCV xz -0.0000290349 | | VCV yy | 0.0000782795 | |
| | | VCV yz -0.0000598158 | | VCV zz | 0.0000744452 | |
| GPSVEC | TP | Point ID 12191 | DX | 1558.178 | DY | -2557.005 |
| | | Class Normal | DZ | -2259.234 | Code | R-194-AT-TOE-EXT |
| | | Obs L1 Fixed | H.pr | 0.016 | 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 | 11.6 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344889.4 | | End wk 1578 sec 344894.4 | | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.000039938 | | VCV xy | 0.0000345719 | |
| | | VCV xz -0.000028997 | | VCV yy | 0.0000806297 | |
| | | VCV yz -0.0000607973 | | VCV zz | 0.0000745397 | |
| GPSVEC | TP | Point ID 12192 | DX | 1557.563 | DY | -2556.966 |
| | | Class Normal | DZ | -2256.317 | Code | R-194-AT-IN |
| | | Obs L1 Fixed | H.pr | 0.016 | 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 | 15.1 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 344916.6 | | End wk 1578 sec 344921.6 | | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000401059 | | VCV xy | 0.0000348896 | |
| | | VCV xz -0.0000291737 | | VCV yy | 0.0000824705 | |
| | | VCV yz -0.0000616122 | | VCV zz | 0.0000747606 | |
| NOTE | TS | Time Date 04/07/2010 Time 16:50:18 | | | | |
| GPSVEC | TP | Point ID 12193 | DX | 1558.226 | DY | -2557.459 |
| | | Class Normal | DZ | -2256.621 | Code | R-194 |
| | | Obs L1 Fixed | H.pr | 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs 11 | | PDOP max | 1.5 | |
| | | Relative DOPs Yes | | HDOP max | 0.7 | |
| | | Total GPS pos 7 | | VDOP max | 1.3 | |
| | | Monitor status Not monitored | | RMS | 13.5 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 345027.2 | | End wk 1578 sec 345033.0 | | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000406533 | | VCV xy | 0.0000358523 | |
| | | VCV xz -0.0000296714 | | VCV yy | 0.0000856772 | |
| | | VCV yz -0.0000623711 | | VCV zz | 0.0000735521 | |
| GPSVEC | TP | Point ID 12194 | DX | 1559.471 | DY | -2557.930 |
| | | Class Normal | DZ | -2256.466 | Code | R-194 |
| | | Obs L1 Fixed | H.pr | 0.016 | 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 | 13.4 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 345040.0 | | End wk 1578 sec 345045.0 | | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.0000404783 | | VCV xy | 0.0000357332 | |
| | | VCV xz -0.0000295463 | | VCV yy | 0.000085349 | |
| | | VCV yz -0.0000619926 | | VCV zz | 0.0000729358 | |
| GPSVEC | TP | Point ID 12195 | DX | 1559.498 | DY | -2559.042 |
| | | Class Normal | DZ | -2257.694 | Code | R-194 |
| | | Obs L1 Fixed | H.pr | 0.016 | 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 | 13.4 | |
| | | Horz SD | | Vert SD | | |
| | | Start wk 1578 sec 345050.0 | | End wk 1578 sec 345055.0 | | |
| GPSQC2 | NM | Ttl satellites 11 | | Err Scale | 0.0077459668 | |
| | | VCV xx 0.000040224 | | VCV xy | 0.0000355369 | |
| | | VCV xz -0.0000293636 | | VCV yy | 0.000084848 | |
| | | VCV yz -0.0000615168 | | VCV zz | 0.0000722383 | |
| GPSVEC | TP | Point ID 12196 | DX | 1559.374 | DY | -2559.397 |
| | | Class Normal | DZ | -2258.252 | Code | R-194 |
| | | Obs L1 Fixed | H.pr | 0.016 | V.pr | 0.032 |

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|--------|----|-------------------|---------------|-----------------|--------------|
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.7 |
| | | Total GPS pos | 7 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 13.3 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 345059.2 | End wk 1578 sec | 345065.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000400758 | VCV xy | 0.0000354358 |
| | | VCV xz | -0.0000292582 | VCV yy | 0.0000845675 |
| | | VCV yz | -0.000061202 | VCV zz | 0.0000717318 |
| GPSVEC | TP | Point ID 12197 | DX 1559.341 | DY | -2560.021 |
| | | Class Normal | DZ -2258.938 | Code | R-194 |
| | | Obs L1 Fixed | H.pr 0.016 | 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 | 11.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 345069.0 | End wk 1578 sec | 345074.0 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000402305 | VCV xy | 0.0000356047 |
| | | VCV xz | -0.0000293706 | VCV yy | 0.0000849042 |
| | | VCV yz | -0.0000613394 | VCV zz | 0.0000717665 |
| GPSVEC | TP | Point ID 12198 | DX 1558.633 | DY | -2560.557 |
| | | Class Normal | DZ -2259.603 | Code | R-194 |
| | | Obs L1 Fixed | H.pr 0.016 | 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 | 11.6 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 345078.0 | End wk 1578 sec | 345083.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.0000402448 | VCV xy | 0.0000356493 |
| | | VCV xz | -0.0000293832 | VCV yy | 0.0000849642 |
| | | VCV yz | -0.0000612797 | VCV zz | 0.0000715685 |
| GPSVEC | TP | Point ID 12199 | DX 1557.796 | DY | -2560.704 |
| | | Class Normal | DZ -2259.823 | Code | R-194 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.6 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 14.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 345087.2 | End wk 1578 sec | 345092.2 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000040256 | VCV xy | 0.0000356916 |
| | | VCV xz | -0.0000293936 | VCV yy | 0.0000850186 |
| | | VCV yz | -0.0000612165 | VCV zz | 0.0000713666 |
| GPSVEC | TP | Point ID 12200 | DX 1557.526 | DY | -2560.754 |
| | | Class Normal | DZ -2260.275 | Code | R-194 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.6 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 14.1 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 345096.4 | End wk 1578 sec | 345101.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.00003994 | VCV xy | 0.0000354422 |
| | | VCV xz | -0.0000291676 | VCV yy | 0.0000844032 |
| | | VCV yz | -0.0000606667 | VCV zz | 0.0000705885 |
| GPSVEC | TP | Point ID 12201 | DX 1557.015 | DY | -2561.070 |
| | | Class Normal | DZ -2260.715 | Code | R-194 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.6 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 15.9 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 345106.4 | End wk 1578 sec | 345111.4 |
| GPSQC2 | NM | Ttl satellites | 11 | Err Scale | 0.0077459668 |
| | | VCV xx | 0.000040379 | VCV xy | 0.0000358708 |
| | | VCV xz | -0.0000294883 | VCV yy | 0.0000853481 |
| | | VCV yz | -0.0000612372 | VCV zz | 0.0000711194 |
| GPSVEC | TP | Point ID 12202 | DX 1555.943 | DY | -2560.992 |
| | | Class Normal | DZ -2261.150 | Code | R-194 |
| | | Obs L1 Fixed | H.pr 0.016 | V.pr | 0.032 |
| GPSQC1 | NM | Min SVs | 11 | PDOP max | 1.5 |
| | | Relative DOPs | Yes | HDOP max | 0.6 |
| | | Total GPS pos | 6 | VDOP max | 1.3 |
| | | Monitor status | Not monitored | RMS | 12.4 |
| | | Horz SD | | Vert SD | |
| | | Start wk 1578 sec | 345117.4 | End wk 1578 sec | 345122.4 |

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GPSQC2 NM Ttl satellites 11 Err Scale 0.0077459668
VCV xx 0.0000404849 VCV xy 0.0000360066
VCV xz -0.0000295681 VCV yy 0.0000856156
VCV yz -0.000061303 VCV zz 0.0000710376

GPSVEC TP Point ID 12203 DX 1555.651 DY -2560.711
Class Normal DZ -2261.008 Code R-194
Obs L1 Fixed H.pr 0.016 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 13.4
Horz SD Vert SD
Start wk 1578 sec 345132.4 End wk 1578 sec 345137.6

GPSQC2 NM Ttl satellites 11 Err Scale 0.0077459668
VCV xx 0.0000401889 VCV xy 0.0000357945
VCV xz -0.0000293587 VCV yy 0.0000850862
VCV yz -0.0000607518 VCV zz 0.000070179

GPSVEC TP Point ID 12204 DX 1555.285 DY -2559.483
Class Normal DZ -2260.468 Code R-194
Obs L1 Fixed H.pr 0.016 V.pr 0.032

GPSQC1 NM Min SVs 11 PDOP max 1.5
Relative DOPs Yes HDOP max 0.6
Total GPS pos 6 VDOP max 1.3
Monitor status Not monitored RMS 14.1
Horz SD Vert SD
Start wk 1578 sec 345142.6 End wk 1578 sec 345147.6

GPSQC2 NM Ttl satellites 11 Err Scale 0.0077459668
VCV xx 0.0000404269 VCV xy 0.0000360429
VCV xz -0.0000295322 VCV yy 0.0000856159
VCV yz -0.0000610151 VCV zz 0.0000703449

GPSVEC TP Point ID 12205 DX 1555.195 DY -2558.995
Class Normal DZ -2259.989 Code R-194-EXTSTOP
Obs L1 Fixed H.pr 0.016 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 13.4
Horz SD Vert SD
Start wk 1578 sec 345160.6 End wk 1578 sec 345165.8

GPSQC2 NM Ttl satellites 11 Err Scale 0.0077459668
VCV xx 0.0000407594 VCV xy 0.0000364124
VCV xz -0.0000297785 VCV yy 0.0000864018
VCV yz -0.0000613653 VCV zz 0.0000704867

GPSVEC TP Point ID 12206 DX 1558.663 DY -2559.030
Class Normal DZ -2258.027 Code R-194-AT-IN-EXT
Obs L1 Fixed H.pr 0.016 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 15.3
Horz SD Vert SD
Start wk 1578 sec 345213.6 End wk 1578 sec 345218.6

GPSQC2 NM Ttl satellites 11 Err Scale 0.0077459668
VCV xx 0.0000417532 VCV xy 0.0000375198
VCV xz -0.0000305136 VCV yy 0.0000887621
VCV yz -0.0000624141 VCV zz 0.0000709069

GPSVEC SO Point ID 12207 DX 1976.001 DY -3241.869
Class Stake out DZ -2848.500 Code POSTCHK.CP-106.4
Obs L1 Fixed H.pr 0.017 V.pr 0.037

F-CODE SO Code POSTCHK.CP-106.4-7-10.MV

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 14.6
Horz SD Vert SD
Start wk 1578 sec 345611.8 End wk 1578 sec 345617.4

GPSQC2 NM Ttl satellites 11 Err Scale 0.0077459668
VCV xx 0.0000584282 VCV xy 0.0000541596
VCV xz -0.0000427169 VCV yy 0.0001150476
VCV yz -0.0000774264 VCV zz 0.0000813649

PT DGN SO Name 12000 To the Point

GRID D SO Delta N -0.024 Delta E -0.006
Delta Elv 0.053

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 04/15/2010 Time 06:27:09

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

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GPSANT KI Antenna ht 0.000 Measurement True

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

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

NOTE NM Receiver firmware version=0.000

GPSANT KI Antenna ht 5.151 Measurement True

GPSREF KI Reference 60000

INIT KI Init event Gained Week 1579
Init type On the fly seconds 394066.0
Init counter 2 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 4-9-09 - BMI-SOUTH LINER.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 Measurement Uncorrected

GPSVEC SO Point ID 12208 DX 1565.024 DY -2866.105
Class Stake out DZ -2629.171 Code FINAL BMI-S LIM
Obs L1 Fixed H.pr 0.017 V.pr 0.027

F-CODE SO Code FINAL BMI-S LIMIT

GPSQC1 NM Min SVs 13 PDOP max 1.3
Relative DOPs Yes HDOP max 0.7
Total GPS pos 6 VDOP max 1.1
Monitor status Not monitored RMS 12.6
Horz SD Vert SD
Start wk 1579 sec 394262.6 End wk 1579 sec 394267.6

GPSQC2 NM Ttl satellites 13 Err Scale 0.0077459668
VCV xx 0.0000346008 VCV xy 0.0000279729
VCV xz -0.0000168491 VCV yy 0.0000667549
VCV yz -0.0000364728 VCV zz 0.0000555636

PT DGN SO Name 10188 To the Point

GRID D SO Delta N -0.102 Delta E -0.150
Delta Elv -101767.726

GPSVEC SO Point ID 12209 DX 1522.764 DY -2809.332
Class Stake out DZ -2584.613 Code FINAL BMI-S LIM
Obs L1 Fixed H.pr 0.026 V.pr 0.037

F-CODE SO Code FINAL BMI-S LIMIT

GPSQC1 NM Min SVs 14 PDOP max 1.3
Relative DOPs Yes HDOP max 0.7
Total GPS pos 6 VDOP max 1.1
Monitor status Not monitored RMS 24.1
Horz SD Vert SD
Start wk 1579 sec 395524.8 End wk 1579 sec 395529.8

GPSQC2 NM Ttl satellites 14 Err Scale 0.0107663088
VCV xx 0.0000375207 VCV xy 0.0000257672
VCV xz -0.0000078718 VCV yy 0.0000754222
VCV yz -0.0000481836 VCV zz 0.0000776957

LIN DGN SO Name 10189-10190 To the Line
Station 29.996 H.Offset <null>
Elv <null>

LIN D SO D Station <null> D Offset 0.367
D Elev -101766.797 Grd to Line Vertical down

GRID D SO Delta N 0.286 Delta E 0.232
Delta Elv -101766.797

GPSVEC SO Point ID 12210 DX 1498.146 DY -2777.289
Class Stake out DZ -2561.015 Code FINAL BMI-S LIM
Obs L1 Fixed H.pr 0.015 V.pr 0.023

F-CODE SO Code FINAL BMI-S LIMIT

GPSQC1 NM Min SVs 13 PDOP max 1.1
Relative DOPs Yes HDOP max 0.6
Total GPS pos 6 VDOP max 0.9
Monitor status Not monitored RMS 13.3
Horz SD Vert SD
Start wk 1579 sec 395658.8 End wk 1579 sec 395663.8

| | | | | |
|--------|----|------------------------------------|--------------------------|------------------------|
| GPSQC2 | NM | Ttl satellites 13 | | Err Scale 0.0077459668 |
| | | VCV xx 0.0000221918 | | VCV xy 0.0000150923 |
| | | VCV xz -0.0000047395 | | VCV yy 0.0000459379 |
| | | VCV yz -0.0000304811 | | VCV zz 0.0000476709 |
| PT DGN | SO | Name 10190 | | To the Point |
| GRID D | SO | Delta N 0.076 | Delta E -0.226 | |
| | | Delta Elv -101765.622 | | |
| GPSVEC | SO | Point ID 12211 | DX 1505.431 | DY -2710.348 |
| | | Class Stake out | DZ -2473.959 | Code FINAL BMI-S LIM |
| | | Obs L1 Fixed | H.pr 0.015 | V.pr 0.021 |
| F-CODE | SO | Code FINAL BMI-S LIMIT | | |
| GPSQC1 | NM | Min SVs 15 | PDOP max 1.1 | |
| | | Relative DOPs Yes | HDOP max 0.6 | |
| | | Total GPS pos 6 | VDOP max 0.9 | |
| | | Monitor status Not monitored | RMS 12.8 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1579 sec 395768.6 | End wk 1579 sec 395773.6 | |
| GPSQC2 | NM | Ttl satellites 15 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000234782 | VCV xy 0.0000163652 | |
| | | VCV xz -0.000005275 | VCV yy 0.0000427673 | |
| | | VCV yz -0.0000244772 | VCV zz 0.0000384986 | |
| PT DGN | SO | Name 10191 | | To the Point |
| GRID D | SO | Delta N -0.047 | Delta E -0.531 | |
| | | Delta Elv -101765.312 | | |
| NOTE | TS | Time Date 04/15/2010 Time 06:57:17 | | |
| GPSVEC | SO | Point ID 12212 | DX 1512.778 | DY -2640.855 |
| | | Class Stake out | DZ -2383.778 | Code FINAL BMI-S LIM |
| | | Obs L1 Fixed | H.pr 0.015 | V.pr 0.022 |
| F-CODE | SO | Code FINAL BMI-S LIMIT | | |
| GPSQC1 | NM | Min SVs 15 | PDOP max 1.1 | |
| | | Relative DOPs Yes | HDOP max 0.6 | |
| | | Total GPS pos 6 | VDOP max 0.9 | |
| | | Monitor status Not monitored | RMS 12.0 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1579 sec 395845.0 | End wk 1579 sec 395850.0 | |
| GPSQC2 | NM | Ttl satellites 15 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000236329 | VCV xy 0.0000164175 | |
| | | VCV xz -0.0000053117 | VCV yy 0.0000441018 | |
| | | VCV yz -0.0000252442 | VCV zz 0.0000393811 | |
| PT DGN | SO | Name 10192 | | To the Point |
| GRID D | SO | Delta N -0.024 | Delta E -0.450 | |
| | | Delta Elv -101764.950 | | |
| GPSVEC | TP | Point ID 12213 | DX 1518.093 | DY -2594.916 |
| | | Class Normal | DZ -2323.987 | Code FINAL BMI-S LIM |
| | | Obs L1 Fixed | H.pr 0.015 | V.pr 0.022 |
| F-CODE | TP | Code FINAL BMI-S LIMIT | | |
| GPSQC1 | NM | Min SVs 15 | PDOP max 1.1 | |
| | | Relative DOPs Yes | HDOP max 0.6 | |
| | | Total GPS pos 6 | VDOP max 0.9 | |
| | | Monitor status Not monitored | RMS 13.9 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1579 sec 395917.0 | End wk 1579 sec 395922.0 | |
| GPSQC2 | NM | Ttl satellites 15 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000241669 | VCV xy 0.000016749 | |
| | | VCV xz -0.0000053749 | VCV yy 0.0000442817 | |
| | | VCV yz -0.0000256046 | VCV zz 0.0000400501 | |
| GPSVEC | TP | Point ID 12214 | DX 1518.492 | DY -2591.591 |
| | | Class Normal | DZ -2319.665 | Code FINAL BMI-S LIM |
| | | Obs L1 Fixed | H.pr 0.015 | V.pr 0.022 |
| F-CODE | TP | Code FINAL BMI-S LIMIT | | |
| GPSQC1 | NM | Min SVs 14 | PDOP max 1.1 | |
| | | Relative DOPs Yes | HDOP max 0.6 | |
| | | Total GPS pos 6 | VDOP max 0.9 | |
| | | Monitor status Not monitored | RMS 10.5 | |
| | | Horz SD | Vert SD | |
| | | Start wk 1579 sec 396078.0 | End wk 1579 sec 396083.0 | |
| GPSQC2 | NM | Ttl satellites 15 | Err Scale 0.0077459668 | |
| | | VCV xx 0.0000242049 | VCV xy 0.0000167292 | |
| | | VCV xz -0.0000051646 | VCV yy 0.0000450151 | |
| | | VCV yz -0.0000258602 | VCV zz 0.0000396425 | |
| GPSVEC | TP | Point ID 12215 | DX 1521.360 | DY -2582.058 |
| | | Class Normal | DZ -2306.301 | Code FINAL BMI-S LIM |
| | | Obs L1 Fixed | H.pr 0.015 | V.pr 0.022 |
| F-CODE | TP | Code FINAL BMI-S LIMIT | | |

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GPSQC1 NM Min SVs 14 PDOP max 1.1
Relative DOPs Yes HDOP max 0.6
Total GPS pos 6 VDOP max 0.9
Monitor status Not monitored RMS 10.5
Horz SD Vert SD
Start wk 1579 sec 396108.0 End wk 1579 sec 396113.0

GPSQC2 NM Ttl satellites 14 Err Scale 0.0077459668
VCV xx 0.0000241582 VCV xy 0.0000167178
VCV xz -0.0000051476 VCV yy 0.0000449851
VCV yz -0.0000258934 VCV zz 0.0000395767

GPSVEC TP Point ID 12216 DX 1529.166 DY -2572.187
Class Normal DZ -2289.446 Code FINAL BMI-S LIM
Obs L1 Fixed H.pr 0.015 V.pr 0.023

F-CODE TP Code FINAL BMI-S LIMIT

GPSQC1 NM Min SVs 14 PDOP max 1.1
Relative DOPs Yes HDOP max 0.6
Total GPS pos 6 VDOP max 0.9
Monitor status Not monitored RMS 13.4
Horz SD Vert SD
Start wk 1579 sec 396379.0 End wk 1579 sec 396384.0

GPSQC2 NM Ttl satellites 14 Err Scale 0.0077459668
VCV xx 0.0000245207 VCV xy 0.0000175574
VCV xz -0.0000056081 VCV yy 0.000048235
VCV yz -0.000029023 VCV zz 0.0000425524

GPSVEC TP Point ID 12217 DX 1542.365 DY -2563.831
Class Normal DZ -2271.868 Code FINAL BMI-S LIM
Obs L1 Fixed H.pr 0.015 V.pr 0.023

F-CODE TP Code FINAL BMI-S LIMIT

GPSQC1 NM Min SVs 14 PDOP max 1.1
Relative DOPs Yes HDOP max 0.6
Total GPS pos 6 VDOP max 0.9
Monitor status Not monitored RMS 11.6
Horz SD Vert SD
Start wk 1579 sec 396410.0 End wk 1579 sec 396415.0

GPSQC2 NM Ttl satellites 14 Err Scale 0.0077459668
VCV xx 0.0000248008 VCV xy 0.0000178056
VCV xz -0.0000056948 VCV yy 0.0000488351
VCV yz -0.0000293064 VCV zz 0.0000427273

SURVEY EVENTKISurvey event Survey ended

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