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SC V10-70      Copyright © Trimble Navigation Ltd, 1996-2003
              Serial no 4401      17-Nov-09 14:40
              Angle Degrees      Dist US Feet      Press inch Hg
              Temp Fahrenheit     Coord N-E-Elv      H.obs Right

JOB           Job ID PH3A-LINER-CL-AS
              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 1.000000000

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 0.000000000

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 1.000000000

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 10/17/2009 Time 12:48:38

F FILE    FC File Used No
              ID 00000 Name

COGO       NM Azmth From North                Dir North-East

NOTE      TS Time Date 10/20/2009 Time 11:35:23

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 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
              Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
              Obs User Input H.pr <null> V.pr <null>

GPSANT    KI Antenna ht 0.000                Measuremt True

GPSPOS    FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
              Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
              Obs User Input H.pr <null> V.pr <null>

EQUIP     SI Receiver 4700 Serial no <no text>
              Antenna Micro-centered L1/L2 w/Ground
              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 0.207                Measuremt True

GPSREF    KI Reference 01

INIT      KI Init event Gained Week 1554
              Init type On the fly seconds 228964.0
              Init counter 2 Point ID <no text>
              Survey type Real Time Plate H.Dist <null>
              Plate V.Dist <null> Plate azimuth <null>
    
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INIT  KI  Init event   Lost           Week          1554
       Init type   On the fly    seconds      228966.0
       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          1554
       Init type   On the fly    seconds      228968.0
       Init counter 3           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 CAMU Controll1.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=4.020

GPSANT KI  Antenna ht 6.562           Measuremt Uncorrected

GPSVEC SO  Point ID 45000           DX -6243.145           DY 1227.534
       Class Stake out           DZ -2033.078           Code CP106-10-20-09CH
       Obs L1 Fixed             H.pr 0.020           V.pr 0.032

F-CODE SO  Code CP106-10-20-09CHK

GPSQC1 NM  Min SVs          9           PDOP max 1.5
       Relative DOPs Yes           HDOP max 0.8
       Total GPS pos 6           VDOP max 1.3
       Monitor status Not monitored RMS 12.7
       Horz SD                               Vert SD
       Start wk 1554 sec 229021.6           End wk 1554 sec 229027.2

GPSQC2 NM  Ttl satellites 9           Err Scale 0.0077459668
       VCV xx 0.0000334139           VCV xy 0.0000436797
       VCV xz -0.0000195674           VCV yy 0.0001235601
       VCV yz -0.0000417407           VCV zz 0.0000585048

PT DGN SO  Name          106           To the Point

GRID D SO  Delta N          0.036           Delta E          -0.025
       Delta Elv          -0.059

GPSVEC TP  Point ID 45001           DX -6687.130           DY 1404.059
       Class Normal           DZ -2066.309           Code EXT-PS
       Obs L1 Fixed             H.pr 0.031           V.pr 0.052

GPSQC1 NM  Min SVs          9           PDOP max 1.8
       Relative DOPs Yes           HDOP max 0.9
       Total GPS pos 7           VDOP max 1.6
       Monitor status Not monitored RMS 20.3
       Horz SD                               Vert SD
       Start wk 1554 sec 229200.2           End wk 1554 sec 229206.0

GPSQC2 NM  Ttl satellites 9           Err Scale 0.0101727415
       VCV xx 0.0000885318           VCV xy 0.0001161331
       VCV xz -0.00004783           VCV yy 0.0003337313
       VCV yz -0.0001080957           VCV zz 0.0001518076

GPSVEC TP  Point ID 45002           DX -6687.121           DY 1404.478
       Class Normal           DZ -2065.733           Code TOE-PS
       Obs L1 Fixed             H.pr 0.030           V.pr 0.051

GPSQC1 NM  Min SVs          9           PDOP max 1.8
       Relative DOPs Yes           HDOP max 0.9
       Total GPS pos 6           VDOP max 1.6
       Monitor status Not monitored RMS 16.6
       Horz SD                               Vert SD
       Start wk 1554 sec 229220.0           End wk 1554 sec 229225.0

GPSQC2 NM  Ttl satellites 9           Err Scale 0.0099667851
       VCV xx 0.000084853           VCV xy 0.0001115107
       VCV xz -0.0000454832           VCV yy 0.0003215586
       VCV yz -0.0001036829           VCV zz 0.0001451934

GPSVEC TP  Point ID 45003           DX -6666.391           DY 1396.338
       Class Normal           DZ -2063.611           Code EXT-PS
       Obs L1 Fixed             H.pr 0.030           V.pr 0.052

GPSQC1 NM  Min SVs          9           PDOP max 1.8
       Relative DOPs Yes           HDOP max 0.9
       Total GPS pos 6           VDOP max 1.6
       Monitor status Not monitored RMS 16.9
       Horz SD                               Vert SD
       Start wk 1554 sec 229247.2           End wk 1554 sec 229252.2

GPSQC2 NM  Ttl satellites 9           Err Scale 0.0099936621
       VCV xx 0.000085125           VCV xy 0.000112162
       VCV xz -0.0000450875           VCV yy 0.0003249383
       VCV yz -0.0001040597           VCV zz 0.000145201

GPSVEC TP  Point ID 45004           DX -6666.293           DY 1396.944
       Class Normal           DZ -2062.765           Code TOE-PS
       Obs L1 Fixed             H.pr 0.030           V.pr 0.051
    
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GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	18.6
		Horz SD		Vert SD	
		Start wk 1554 sec	229266.2	End wk 1554 sec	229271.4
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0099256504
		VCV xx	0.000083884	VCV xy	0.000110675
		VCV xz	-0.0000440323	VCV yy	0.0003216239
		VCV yz	-0.0001024968	VCV zz	0.000142717
GPSVEC	TP	Point ID 45005		DX -6645.722	DY 1388.972
		Class Normal		DZ -2060.827	Code TOE-PS
		Obs L1 Fixed		H.pr 0.030	V.pr 0.051
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	16.3
		Horz SD		Vert SD	
		Start wk 1554 sec	229297.4	End wk 1554 sec	229302.4
GPSQC2	NM	Ttl satellites	9	Err Scale	0.009749501
		VCV xx	0.0000807733	VCV xy	0.0001068564
		VCV xz	-0.0000418001	VCV yy	0.0003119383
		VCV yz	-0.0000986419	VCV zz	0.0001369235
GPSVEC	TP	Point ID 45006		DX -6645.738	DY 1388.448
		Class Normal		DZ -2061.416	Code EXT-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.050
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	5	VDOP max	1.6
		Monitor status	Not monitored	RMS	18.2
		Horz SD		Vert SD	
		Start wk 1554 sec	229313.4	End wk 1554 sec	229318.4
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0096922349
		VCV xx	0.0000797639	VCV xy	0.0001056328
		VCV xz	-0.0000409784	VCV yy	0.0003090261
		VCV yz	-0.0000973576	VCV zz	0.0001349563
GPSVEC	TP	Point ID 45007		DX -6689.439	DY 1404.864
		Class Normal		DZ -2066.602	Code EXT-TN
		Obs L1 Fixed		H.pr 0.029	V.pr 0.051
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	19.7
		Horz SD		Vert SD	
		Start wk 1554 sec	229355.6	End wk 1554 sec	229360.6
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0097506968
		VCV xx	0.0000805501	VCV xy	0.0001069993
		VCV xz	-0.000040532	VCV yy	0.0003148344
		VCV yz	-0.0000981378	VCV zz	0.0001355463
GPSVEC	TP	Point ID 45008		DX -6668.763	DY 1397.136
		Class Normal		DZ -2063.933	Code EXT-TN
		Obs L1 Fixed		H.pr 0.029	V.pr 0.051
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.9
		Horz SD		Vert SD	
		Start wk 1554 sec	229373.8	End wk 1554 sec	229378.8
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0097474596
		VCV xx	0.0000804433	VCV xy	0.0001069541
		VCV xz	-0.000040128	VCV yy	0.0003154147
		VCV yz	-0.0000979082	VCV zz	0.0001350446
GPSVEC	TP	Point ID 45009		DX -6647.836	DY 1389.215
		Class Normal		DZ -2061.597	Code EXT-TN
		Obs L1 Fixed		H.pr 0.029	V.pr 0.050
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	19.3
		Horz SD		Vert SD	
		Start wk 1554 sec	229425.0	End wk 1554 sec	229430.0
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0096093267
		VCV xx	0.0000779827	VCV xy	0.000104402
		VCV xz	-0.0000379156	VCV yy	0.000308751
		VCV yz	-0.0000946668	VCV zz	0.0001300398
GPSVEC	TP	Point ID 45010		DX -6627.038	DY 1381.222
		Class Normal		DZ -2059.239	Code EXT-TN
		Obs L1 Fixed		H.pr 0.029	V.pr 0.050
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	19.9
		Horz SD		Vert SD	
		Start wk 1554 sec	229448.2	End wk 1554 sec	229453.2

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GPSQC2 NM Ttl satellites 9 Err Scale 0.0096231829
VCV xx 0.0000781376 VCV xy 0.0001043334
VCV xz -0.0000375644 VCV yy 0.0003105254
VCV yz -0.0000947316 VCV zz 0.0001299005

GPSVEC TP Point ID 45011 DX -6625.523 DY 1380.688
Class Normal DZ -2059.010 Code EXT-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 9 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 229465.2 End wk 1554 sec 229470.2

GPSQC2 NM Ttl satellites 9 Err Scale 0.0095430054
VCV xx 0.0000767861 VCV xy 0.0001026164
VCV xz -0.0000366217 VCV yy 0.0003059951
VCV yz -0.0000930245 VCV zz 0.0001273972

GPSVEC TP Point ID 45012 DX -6625.348 DY 1381.719
Class Normal DZ -2056.596 Code DS-8\R-1-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 20.0
Horz SD Vert SD
Start wk 1554 sec 229493.4 End wk 1554 sec 229498.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0094987238
VCV xx 0.0000759756 VCV xy 0.0001016734
VCV xz -0.000035727 VCV yy 0.0003041923
VCV yz -0.0000919079 VCV zz 0.0001255795

NOTE NM Modified 11:45:11 AM 10/20/2009

NOTE NM Old values DS-8\R-1

GPSVEC TP Point ID 45013 DX -6625.229 DY 1383.649
Class Normal DZ -2051.887 Code DS-8\R-1-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 9 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1554 sec 229512.4 End wk 1554 sec 229517.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0095284535
VCV xx 0.0000763844 VCV xy 0.000102314
VCV xz -0.0000355837 VCV yy 0.0003067769
VCV yz -0.0000923215 VCV zz 0.0001259477

GPSVEC TP Point ID 45014 DX -6606.236 DY 1373.560
Class Normal DZ -2056.563 Code EXT-TN
Obs L1 Fixed H.pr 0.026 V.pr 0.046

GPSQC1 NM Min SVs 9 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 5 VDOP max 1.6
Monitor status Not monitored RMS 18.5
Horz SD Vert SD
Start wk 1554 sec 229819.4 End wk 1554 sec 229824.6

GPSQC2 NM Ttl satellites 9 Err Scale 0.0088549592
VCV xx 0.0000645829 VCV xy 0.00008777
VCV xz -0.0000257589 VCV yy 0.0002724057
VCV yz -0.0000776236 VCV zz 0.0001025572

GPSVEC TP Point ID 45015 DX -6605.174 DY 1373.248
Class Normal DZ -2056.407 Code EXT-PS
Obs L1 Fixed H.pr 0.027 V.pr 0.046

GPSQC1 NM Min SVs 9 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1554 sec 229835.8 End wk 1554 sec 229841.6

GPSQC2 NM Ttl satellites 9 Err Scale 0.0088773826
VCV xx 0.0000648268 VCV xy 0.0000881465
VCV xz -0.0000256644 VCV yy 0.0002740224
VCV yz -0.0000779332 VCV zz 0.0001027739

GPSVEC TP Point ID 45016 DX -6605.043 DY 1373.686
Class Normal DZ -2055.842 Code TOE-PS
Obs L1 Fixed H.pr 0.027 V.pr 0.047

GPSQC1 NM Min SVs 9 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.4
Horz SD Vert SD
Start wk 1554 sec 229859.6 End wk 1554 sec 229864.6
    
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GPSQC2	NM	Ttl satellites 9		Err Scale 0.0089906789
		VCV xx 0.0000663639		VCV xy 0.000090294
		VCV xz -0.0000259759		VCV yy 0.0002814177
		VCV yz -0.0000798058		VCV zz 0.0001049241
GPSVEC	TP	Point ID 45017	DX -6586.047	DY 1366.401
		Class Normal	DZ -2054.019	Code R-2-EXT
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047
GPSQC1	NM	Min SVs 9		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.6
		Monitor status Not monitored		RMS 18.8
		Horz SD		Vert SD
		Start wk 1554 sec 229886.8		End wk 1554 sec 229891.8
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0089981901
		VCV xx 0.0000663134		VCV xy 0.0000903143
		VCV xz -0.0000256258		VCV yy 0.0002822868
		VCV yz -0.0000797915		VCV zz 0.0001045398
GPSVEC	TP	Point ID 45018	DX -6585.165	DY 1365.664
		Class Normal	DZ -2054.440	Code R-2-EXT-TN
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047
GPSQC1	NM	Min SVs 9		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.6
		Monitor status Not monitored		RMS 18.3
		Horz SD		Vert SD
		Start wk 1554 sec 229905.8		End wk 1554 sec 229910.8
GPSQC2	NM	Ttl satellites 9		Err Scale 0.008958892
		VCV xx 0.0000656233		VCV xy 0.0000894166
		VCV xz -0.0000251315		VCV yy 0.0002800531
		VCV yz -0.0000789999		VCV zz 0.000103241
GPSVEC	TP	Point ID 45019	DX -6584.273	DY 1366.343
		Class Normal	DZ -2053.090	Code R-2-TOE-PS
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047
GPSQC1	NM	Min SVs 9		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.6
		Monitor status Not monitored		RMS 16.6
		Horz SD		Vert SD
		Start wk 1554 sec 229928.0		End wk 1554 sec 229933.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0089818891
		VCV xx 0.0000658291		VCV xy 0.0000897461
		VCV xz -0.0000249535		VCV yy 0.0002817538
		VCV yz -0.0000792964		VCV zz 0.0001033128
GPSVEC	TP	Point ID 45020	DX -6583.621	DY 1365.649
		Class Normal	DZ -2053.600	Code R-2-EXT
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047
GPSQC1	NM	Min SVs 9		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.6
		Monitor status Not monitored		RMS 14.7
		Horz SD		Vert SD
		Start wk 1554 sec 229947.0		End wk 1554 sec 229952.0
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0089943847
		VCV xx 0.0000658824		VCV xy 0.0000898912
		VCV xz -0.0000247518		VCV yy 0.0002827692
		VCV yz -0.0000794192		VCV zz 0.0001032077
GPSVEC	TP	Point ID 45021	DX -6564.598	DY 1358.748
		Class Normal	DZ -2051.488	Code R-3-EXT
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047
GPSQC1	NM	Min SVs 9		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.6
		Monitor status Not monitored		RMS 18.9
		Horz SD		Vert SD
		Start wk 1554 sec 229968.2		End wk 1554 sec 229973.2
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0090324897
		VCV xx 0.000066296		VCV xy 0.0000905132
		VCV xz -0.000024659		VCV yy 0.000285382
		VCV yz -0.0000799878		VCV zz 0.0001036318
GPSVEC	TP	Point ID 45022	DX -6564.222	DY 1357.939
		Class Normal	DZ -2052.166	Code R-3-EXT-TN
		Obs L1 Fixed	H.pr 0.027	V.pr 0.047
GPSQC1	NM	Min SVs 9		PDOP max 1.8
		Relative DOPs Yes		HDOP max 0.9
		Total GPS pos 6		VDOP max 1.6
		Monitor status Not monitored		RMS 18.8
		Horz SD		Vert SD
		Start wk 1554 sec 229982.2		End wk 1554 sec 229987.2
GPSQC2	NM	Ttl satellites 9		Err Scale 0.0089951772
		VCV xx 0.0000656519		VCV xy 0.0000896741
		VCV xz -0.0000242613		VCV yy 0.0002831548
		VCV yz -0.0000792619		VCV zz 0.00010249

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GPSVEC TP Point ID 45023      DX -6563.665      DY 1359.059
        Class Normal      DZ -2050.467      Code R-3-TOE-PS
        Obs L1 Fixed      H.pr 0.027      V.pr 0.047

GPSQC1 NM Min SVs          9                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 17.1
        Horz SD              Vert SD
        Start wk 1554 sec 230007.2 End wk 1554 sec 230012.2

GPSQC2 NM Ttl satellites 9          Err Scale 0.0090561956
        VCV xx 0.0000663726    VCV xy 0.0000907197
        VCV xz -0.0000242454    VCV yy 0.000287259
        VCV yz -0.0000802257    VCV zz 0.000103331

GPSVEC TP Point ID 45024      DX -6561.628      DY 1357.616
        Class Normal      DZ -2051.138      Code R-3-EXT
        Obs L1 Fixed      H.pr 0.027      V.pr 0.047

GPSQC1 NM Min SVs          9                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 17.1
        Horz SD              Vert SD
        Start wk 1554 sec 230027.4 End wk 1554 sec 230032.4

GPSQC2 NM Ttl satellites 9          Err Scale 0.0090743043
        VCV xx 0.0000664808    VCV xy 0.0000909357
        VCV xz -0.0000240528    VCV yy 0.0002885905
        VCV yz -0.0000804499    VCV zz 0.0001032941

GPSVEC TP Point ID 45025      DX -6544.063      DY 1351.517
        Class Normal      DZ -2048.517      Code R-4-EXT
        Obs L1 Fixed      H.pr 0.027      V.pr 0.047

GPSQC1 NM Min SVs          9                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 16.8
        Horz SD              Vert SD
        Start wk 1554 sec 230054.6 End wk 1554 sec 230059.6

GPSQC2 NM Ttl satellites 9          Err Scale 0.0090800812
        VCV xx 0.0000663191    VCV xy 0.0000908446
        VCV xz -0.0000236621    VCV yy 0.0002891942
        VCV yz -0.0000804102    VCV zz 0.0001027972

GPSVEC TP Point ID 45026      DX -6542.412      DY 1351.033
        Class Normal      DZ -2048.391      Code R-4-EXT
        Obs L1 Fixed      H.pr 0.027      V.pr 0.047

GPSQC1 NM Min SVs          9                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 18.5
        Horz SD              Vert SD
        Start wk 1554 sec 230064.8 End wk 1554 sec 230069.8

GPSQC2 NM Ttl satellites 9          Err Scale 0.0091220718
        VCV xx 0.0000668667    VCV xy 0.000091597
        VCV xz -0.0000237589    VCV yy 0.0002919045
        VCV yz -0.0000811214    VCV zz 0.000103546

GPSVEC TP Point ID 45027      DX -6543.193      DY 1350.709
        Class Normal      DZ -2049.085      Code R-4-EXT-TN
        Obs L1 Fixed      H.pr 0.027      V.pr 0.048

GPSQC1 NM Min SVs          9                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 15.1
        Horz SD              Vert SD
        Start wk 1554 sec 230080.8 End wk 1554 sec 230085.8

GPSQC2 NM Ttl satellites 9          Err Scale 0.0091531379
        VCV xx 0.00006719      VCV xy 0.0000920822
        VCV xz -0.0000236952    VCV yy 0.0002940012
        VCV yz -0.0000816067    VCV zz 0.0001038776

GPSVEC TP Point ID 45028      DX -6543.153      DY 1351.951
        Class Normal      DZ -2047.473      Code R-4-TOE-PS
        Obs L1 Fixed      H.pr 0.027      V.pr 0.048

GPSQC1 NM Min SVs          9                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 16.9
        Horz SD              Vert SD
        Start wk 1554 sec 230106.0 End wk 1554 sec 230111.0

GPSQC2 NM Ttl satellites 9          Err Scale 0.0091863507
        VCV xx 0.0000674459    VCV xy 0.0000925312
        VCV xz -0.0000235045    VCV yy 0.0002962635
        VCV yz -0.0000820799    VCV zz 0.0001040476

GPSVEC TP Point ID 45029      DX -6522.444      DY 1344.032
        Class Normal      DZ -2045.536      Code R-5-TOE-PS
        Obs L1 Fixed      H.pr 0.027      V.pr 0.048
    
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GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	19.3
		Horz SD		Vert SD	
		Start wk 1554 sec	230134.2	End wk 1554 sec	230139.2
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0092262235
		VCV xx	0.0000677692	VCV xy	0.0000930749
		VCV xz	-0.0000233067	VCV yy	0.0002989702
		VCV yz	-0.0000826731	VCV zz	0.0001042869
GPSVEC	TP	Point ID 45030		DY	1343.913
		Class Normal		Code	R-5-EXT
		Obs L1 Fixed	H.pr 0.028	V.pr	0.049
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	19.2
		Horz SD		Vert SD	
		Start wk 1554 sec	230150.4	End wk 1554 sec	230156.2
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0094353473
		VCV xx	0.0000708176	VCV xy	0.0000971091
		VCV xz	-0.0000242608	VCV yy	0.0003125966
		VCV yz	-0.000086475	VCV zz	0.0001087059
GPSVEC	TP	Point ID 45031		DY	1343.123
		Class Normal		Code	R-5-EXT
		Obs L1 Fixed	H.pr 0.028	V.pr	0.049
GPSQC1	NM	Min SVs	9	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1554 sec	230162.4	End wk 1554 sec	230167.4
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0094547747
		VCV xx	0.0000710584	VCV xy	0.0000974689
		VCV xz	-0.0000242846	VCV yy	0.0003139331
		VCV yz	-0.000086814	VCV zz	0.0001090288
GPSVEC	TP	Point ID 45032		DY	1342.724
		Class Normal		Code	R-5-EXT-TN
		Obs L1 Fixed	H.pr 0.027	V.pr	0.048
GPSQC1	NM	Min SVs	8	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	18.8
		Horz SD		Vert SD	
		Start wk 1554 sec	230181.6	End wk 1554 sec	230186.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086296164
		VCV xx	0.0000683851	VCV xy	0.0000943366
		VCV xz	-0.0000230966	VCV yy	0.000305755
		VCV yz	-0.0000844654	VCV zz	0.0001049685
GPSVEC	TP	Point ID 45033		DY	1336.016
		Class Normal		Code	EXT-PS
		Obs L1 Fixed	H.pr 0.029	V.pr	0.051
GPSQC1	NM	Min SVs	8	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	18.5
		Horz SD		Vert SD	
		Start wk 1554 sec	230242.0	End wk 1554 sec	230247.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.00913624
		VCV xx	0.0000702595	VCV xy	0.0001020966
		VCV xz	-0.0000249875	VCV yy	0.00035315
		VCV yz	-0.0001003707	VCV zz	0.0001108485
GPSVEC	TP	Point ID 45034		DY	1336.387
		Class Normal		Code	TOE-PS
		Obs L1 Fixed	H.pr 0.029	V.pr	0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	19.3
		Horz SD		Vert SD	
		Start wk 1554 sec	230276.2	End wk 1554 sec	230281.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0092970263
		VCV xx	0.000070904	VCV xy	0.0001044301
		VCV xz	-0.0000254048	VCV yy	0.0003679271
		VCV yz	-0.0001053077	VCV zz	0.0001126388
GPSVEC	TP	Point ID 45035		DY	1335.585
		Class Normal		Code	EXT-TN
		Obs L1 Fixed	H.pr 0.029	V.pr	0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	15.4
		Horz SD		Vert SD	
		Start wk 1554 sec	230293.8	End wk 1554 sec	230299.4

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0093102083
VCV xx 0.0000704048 VCV xy 0.0001041675
VCV xz -0.0000252232 VCV yy 0.0003694537
VCV yz -0.0001059971 VCV zz 0.0001121011

GPSVEC TP Point ID 45036 DX -6480.567 DY 1327.953
Class Normal DZ -2041.502 Code EXT-TN
Obs L1 Fixed H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 230310.6 End wk 1554 sec 230316.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0094625065
VCV xx 0.000072172 VCV xy 0.0001071236
VCV xz -0.000025834 VCV yy 0.0003819899
VCV yz -0.0001098031 VCV zz 0.000115094

GPSVEC TP Point ID 45037 DX -6481.290 DY 1328.185
Class Normal DZ -2041.584 Code EXT-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1554 sec 230332.4 End wk 1554 sec 230337.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0095360586
VCV xx 0.0000726566 VCV xy 0.0001082057
VCV xz -0.0000259444 VCV yy 0.0003881546
VCV yz -0.0001117915 VCV zz 0.0001160286

GPSVEC TP Point ID 45038 DX -6481.169 DY 1328.883
Class Normal DZ -2040.505 Code TOE-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1554 sec 230369.6 End wk 1554 sec 230374.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0096397819
VCV xx 0.0000733099 VCV xy 0.0001096634
VCV xz -0.0000259781 VCV yy 0.000396662
VCV yz -0.0001145141 VCV zz 0.0001172337

GPSVEC TP Point ID 45039 DX -6460.297 DY 1321.115
Class Normal DZ -2038.390 Code TOE-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 17.9
Horz SD Vert SD
Start wk 1554 sec 230398.6 End wk 1554 sec 230403.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0097117191
VCV xx 0.0000737897 VCV xy 0.0001106108
VCV xz -0.0000259554 VCV yy 0.0004021808
VCV yz -0.0001162853 VCV zz 0.0001180558

GPSVEC TP Point ID 45040 DX -6460.389 DY 1320.514
Class Normal DZ -2039.184 Code EXT-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 16.2
Horz SD Vert SD
Start wk 1554 sec 230416.8 End wk 1554 sec 230421.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.009724387
VCV xx 0.0000736495 VCV xy 0.0001104722
VCV xz -0.0000257878 VCV yy 0.0004028633
VCV yz -0.000116599 VCV zz 0.0001178439

GPSVEC TP Point ID 45041 DX -6459.705 DY 1320.177
Class Normal DZ -2039.147 Code EXT-TN
Obs L1 Fixed H.pr 0.033 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.0
Horz SD Vert SD
Start wk 1554 sec 230430.8 End wk 1554 sec 230435.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0000734936 VCV xy 0.0001115396
VCV xz -0.0000261892 VCV yy 0.0004142695
VCV yz -0.0001213875 VCV zz 0.0001193062
    
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GPSVEC	TP	Point ID 45042	DX -6438.776	DY 1312.371
		Class Normal	DZ -2036.670	Code EXT-TN
		Obs L1 Fixed	H.pr 0.033	V.pr 0.053
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 11.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 230457.8	End wk 1554 sec 230462.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0000745748	VCV xy 0.000111132	
		VCV xz -0.0000254363	VCV yy 0.0004023604	
		VCV yz -0.0001156581	VCV zz 0.0001180466	
GPSVEC	TP	Point ID 45043	DX -6439.609	DY 1312.724
		Class Normal	DZ -2036.780	Code EXT-PS
		Obs L1 Fixed	H.pr 0.033	V.pr 0.055
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 11.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 230474.0	End wk 1554 sec 230479.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0000747823	VCV xy 0.0001144375	
		VCV xz -0.0000267018	VCV yy 0.0004309947	
		VCV yz -0.0001274134	VCV zz 0.0001224225	
GPSVEC	TP	Point ID 45044	DX -6439.271	DY 1313.780
		Class Normal	DZ -2035.322	Code TOE-PS
		Obs L1 Fixed	H.pr 0.026	V.pr 0.048
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 20.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 230494.2	End wk 1554 sec 230499.2	
GPSQC2	NM	Ttl satellites 9	Err Scale 0.0096057877	
		VCV xx 0.0000678899	VCV xy 0.0000829652	
		VCV xz -0.0000192828	VCV yy 0.0002834831	
		VCV yz -0.0000902839	VCV zz 0.0001120151	
GPSVEC	TP	Point ID 45045	DX -6418.316	DY 1306.292
		Class Normal	DZ -2032.777	Code TOE-PS
		Obs L1 Fixed	H.pr 0.027	V.pr 0.048
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 18.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 230519.4	End wk 1554 sec 230524.4	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0086818896	
		VCV xx 0.0000665635	VCV xy 0.000082132	
		VCV xz -0.0000163821	VCV yy 0.0002893955	
		VCV yz -0.0000911008	VCV zz 0.0001120022	
GPSVEC	TP	Point ID 45046	DX -6418.546	DY 1305.367
		Class Normal	DZ -2033.971	Code EXT-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.050
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 17.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 230541.4	End wk 1554 sec 230546.4	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0091276458	
		VCV xx 0.0000698618	VCV xy 0.0000918775	
		VCV xz -0.0000189453	VCV yy 0.0003301753	
		VCV yz -0.0001012008	VCV zz 0.0001157363	
GPSVEC	TP	Point ID 45047	DX -6417.834	DY 1305.081
		Class Normal	DZ -2033.921	Code EXT-TN
		Obs L1 Fixed	H.pr 0.029	V.pr 0.051
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 15.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 230558.6	End wk 1554 sec 230563.6	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.009296421	
		VCV xx 0.0000705647	VCV xy 0.0000956943	
		VCV xz -0.0000199955	VCV yy 0.0003471914	
		VCV yz -0.000105192	VCV zz 0.0001159949	
GPSVEC	TP	Point ID 45048	DX -6396.728	DY 1297.525
		Class Normal	DZ -2031.436	Code EXT-TN
		Obs L1 Fixed	H.pr 0.026	V.pr 0.049

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GPSQC1 NM Min SVs 9 PDOP max 1.7
Relative DOPs Yes HDOP max 0.8
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 17.8
Horz SD Vert SD
Start wk 1554 sec 230578.6 End wk 1554 sec 230583.6

GPSQC2 NM Ttl satellites 9 Err Scale 0.0096651847
VCV xx 0.0000678109 VCV xy 0.0000815891
VCV xz -0.000017231 VCV yy 0.0002872853
VCV yz -0.0000934591 VCV zz 0.0001144025

GPSVEC TP Point ID 45049 DX -6397.532 DY 1297.913
Class Normal DZ -2031.500 Code EXT-PS
Obs L1 Fixed H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 1.7
Relative DOPs Yes HDOP max 0.8
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 19.6
Horz SD Vert SD
Start wk 1554 sec 230594.8 End wk 1554 sec 230599.8

GPSQC2 NM Ttl satellites 9 Err Scale 0.0096868044
VCV xx 0.000068126 VCV xy 0.0000818363
VCV xz -0.0000174008 VCV yy 0.0002885834
VCV yz -0.0000942649 VCV zz 0.0001148847

GPSVEC TP Point ID 45050 DX -6397.324 DY 1298.708
Class Normal DZ -2030.360 Code TOE-PS
Obs L1 Fixed H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 1.7
Relative DOPs Yes HDOP max 0.8
Total GPS pos 7 VDOP max 1.5
Monitor status Not monitored RMS 17.9
Horz SD Vert SD
Start wk 1554 sec 230616.2 End wk 1554 sec 230621.8

GPSQC2 NM Ttl satellites 9 Err Scale 0.0097238328
VCV xx 0.0000686553 VCV xy 0.000082294
VCV xz -0.0000175552 VCV yy 0.0002907556
VCV yz -0.0000954184 VCV zz 0.0001157455

GPSVEC TP Point ID 45051 DX -6376.349 DY 1291.065
Class Normal DZ -2027.901 Code TOE-PS
Obs L1 Fixed H.pr 0.026 V.pr 0.049

GPSQC1 NM Min SVs 9 PDOP max 1.7
Relative DOPs Yes HDOP max 0.8
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 19.7
Horz SD Vert SD
Start wk 1554 sec 230638.0 End wk 1554 sec 230643.0

GPSQC2 NM Ttl satellites 9 Err Scale 0.0097531108
VCV xx 0.000069103 VCV xy 0.0000825976
VCV xz -0.0000176396 VCV yy 0.0002923452
VCV yz -0.0000963613 VCV zz 0.0001164762

GPSVEC TP Point ID 45052 DX -6376.634 DY 1289.955
Class Normal DZ -2029.289 Code EXT-PS
Obs L1 Fixed H.pr 0.027 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.7
Horz SD Vert SD
Start wk 1554 sec 230658.0 End wk 1554 sec 230663.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0090813013
VCV xx 0.0000692124 VCV xy 0.0000825675
VCV xz -0.0000176295 VCV yy 0.0002938907
VCV yz -0.0000975343 VCV zz 0.0001170572

GPSVEC TP Point ID 45053 DX -6375.976 DY 1289.712
Class Normal DZ -2029.240 Code EXT-TN
Obs L1 Fixed H.pr 0.027 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.0
Horz SD Vert SD
Start wk 1554 sec 230675.0 End wk 1554 sec 230680.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0091851149
VCV xx 0.000069141 VCV xy 0.0000828128
VCV xz -0.000017822 VCV yy 0.0003031765
VCV yz -0.0001028985 VCV zz 0.0001196942

GPSVEC TP Point ID 45054 DX -6354.968 DY 1282.295
Class Normal DZ -2026.694 Code EXT-TN
Obs L1 Fixed H.pr 0.028 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 17.2
Horz SD Vert SD
Start wk 1554 sec 230694.2 End wk 1554 sec 230700.2

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0093651963
          VCV xx 0.0000704193 VCV xy 0.0000845588
          VCV xz -0.0000182835 VCV yy 0.0003174803
          VCV yz -0.0001099014 VCV zz 0.0001244994

GPSVEC TP Point ID 45055 DX -6355.468 DY 1282.461
          Class Normal DZ -2026.715 Code EXT-PS
          Obs L1 Fixed H.pr 0.028 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 16.1
          Horz SD Vert SD
          Start wk 1554 sec 230712.2 End wk 1554 sec 230717.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0093926275
          VCV xx 0.0000699694 VCV xy 0.0000840656
          VCV xz -0.0000181995 VCV yy 0.0003208013
          VCV yz -0.0001124717 VCV zz 0.0001253824

NOTE TS Time Date 10/20/2009 Time 12:05:25

GPSVEC TP Point ID 45056 DX -6355.293 DY 1283.209
          Class Normal DZ -2025.654 Code TOE-PS
          Obs L1 Fixed H.pr 0.028 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.5
          Horz SD Vert SD
          Start wk 1554 sec 230736.4 End wk 1554 sec 230741.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0094839409
          VCV xx 0.0000704484 VCV xy 0.0000845849
          VCV xz -0.0000182678 VCV yy 0.0003286829
          VCV yz -0.0001168971 VCV zz 0.0001281411

GPSVEC TP Point ID 45057 DX -6334.313 DY 1275.806
          Class Normal DZ -2022.653 Code TOE-PS
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 5 VDOP max 1.6
          Monitor status Not monitored RMS 17.6
          Horz SD Vert SD
          Start wk 1554 sec 230755.4 End wk 1554 sec 230760.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.009568057
          VCV xx 0.0000712823 VCV xy 0.0000854339
          VCV xz -0.0000183901 VCV yy 0.0003354719
          VCV yz -0.0001203503 VCV zz 0.0001307512

GPSVEC TP Point ID 45058 DX -6334.568 DY 1274.844
          Class Normal DZ -2024.106 Code EXT-PS
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 19.5
          Horz SD Vert SD
          Start wk 1554 sec 230779.6 End wk 1554 sec 230784.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0095912544
          VCV xx 0.0000713006 VCV xy 0.0000851858
          VCV xz -0.0000182196 VCV yy 0.0003379404
          VCV yz -0.0001223318 VCV zz 0.0001318377

GPSVEC TP Point ID 45059 DX -6334.101 DY 1274.605
          Class Normal DZ -2024.049 Code EXT-TN
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 17.7
          Horz SD Vert SD
          Start wk 1554 sec 230795.8 End wk 1554 sec 230800.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0096481703
          VCV xx 0.0000720453 VCV xy 0.000085831
          VCV xz -0.0000182761 VCV yy 0.0003423452
          VCV yz -0.0001245754 VCV zz 0.0001337492

GPSVEC TP Point ID 45060 DX -6326.556 DY 1271.978
          Class Normal DZ -2023.096 Code EXT-TN-R-48
          Obs L1 Fixed H.pr 0.029 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 16.1
          Horz SD Vert SD
          Start wk 1554 sec 230835.8 End wk 1554 sec 230840.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0096836239
          VCV xx 0.0000725399 VCV xy 0.0000857756
          VCV xz -0.0000179692 VCV yy 0.0003454817
          VCV yz -0.0001270466 VCV zz 0.0001356103
    
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GPSVEC TP Point ID 45061      DX  -6324.642      DY  1271.285
        Class Normal      DZ  -2022.816      Code EXT-TN-R-48
        Obs L1 Fixed      H.pr 0.029      V.pr 0.053

GPSQC1 NM Min SVs          8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 7      VDOP max 1.7
        Monitor status Not monitored      RMS 16.1
        Horz SD      Vert SD
        Start wk 1554 sec 230846.0      End wk 1554 sec 230851.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0097081205
        VCV xx 0.0000729452      VCV xy 0.0000860715
        VCV xz -0.0000179593      VCV yy 0.0003473078
        VCV yz -0.0001280065      VCV zz 0.0001365253

GPSVEC TP Point ID 45062      DX  -6313.684      DY  1267.533
        Class Normal      DZ  -2021.555      Code EXT-PS
        Obs L1 Fixed      H.pr 0.029      V.pr 0.053

GPSQC1 NM Min SVs          8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 7      VDOP max 1.7
        Monitor status Not monitored      RMS 16.2
        Horz SD      Vert SD
        Start wk 1554 sec 230866.2      End wk 1554 sec 230872.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.009698241
        VCV xx 0.0000729107      VCV xy 0.0000856628
        VCV xz -0.0000177355      VCV yy 0.0003466888
        VCV yz -0.0001283043      VCV zz 0.0001366994

GPSVEC TP Point ID 45063      DX  -6313.018      DY  1267.357
        Class Normal      DZ  -2021.408      Code EXT-TN
        Obs L1 Fixed      H.pr 0.029      V.pr 0.053

GPSQC1 NM Min SVs          8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 17.8
        Horz SD      Vert SD
        Start wk 1554 sec 230881.0      End wk 1554 sec 230886.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0096852994
        VCV xx 0.0000728258      VCV xy 0.000085278
        VCV xz -0.0000175692      VCV yy 0.0003457564
        VCV yz -0.0001283256      VCV zz 0.0001366659

GPSVEC TP Point ID 45064      DX  -6313.570      DY  1267.927
        Class Normal      DZ  -2020.991      Code TOE-PS
        Obs L1 Fixed      H.pr 0.029      V.pr 0.053

GPSQC1 NM Min SVs          8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 16.5
        Horz SD      Vert SD
        Start wk 1554 sec 230901.2      End wk 1554 sec 230906.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0096955244
        VCV xx 0.0000731444      VCV xy 0.0000852631
        VCV xz -0.0000174096      VCV yy 0.0003464498
        VCV yz -0.0001290666      VCV zz 0.0001374128

GPSVEC TP Point ID 45065      DX  -6313.386      DY  1268.596
        Class Normal      DZ  -2019.020      Code DS-1\R-7-PS
        Obs L1 Fixed      H.pr 0.029      V.pr 0.053

GPSQC1 NM Min SVs          8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 19.6
        Horz SD      Vert SD
        Start wk 1554 sec 230939.4      End wk 1554 sec 230944.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.009710365
        VCV xx 0.0000737405      VCV xy 0.0000851882
        VCV xz -0.0000170587      VCV yy 0.0003473043
        VCV yz -0.0001302761      VCV zz 0.0001387246

GPSVEC TP Point ID 45066      DX  -6313.029      DY  1270.655
        Class Normal      DZ  -2013.654      Code DS-1\R-7-PS
        Obs L1 Fixed      H.pr 0.029      V.pr 0.053

GPSQC1 NM Min SVs          8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 17.9
        Horz SD      Vert SD
        Start wk 1554 sec 230953.6      End wk 1554 sec 230959.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0096680131
        VCV xx 0.0000732355      VCV xy 0.0000843254
        VCV xz -0.0000167704      VCV yy 0.0003441644
        VCV yz -0.0001294085      VCV zz 0.0001378259

GPSVEC TP Point ID 45067      DX  -6297.484      DY  1262.770
        Class Normal      DZ  -2018.299      Code DS-14
        Obs L1 Fixed      H.pr 0.029      V.pr 0.053
    
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GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	19.6
		Horz SD		Vert SD	
		Start wk 1554 sec	231023.8	End wk 1554 sec	231028.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0096995234
		VCV xx	0.0000744463	VCV xy	0.0000843209
		VCV xz	-0.0000162074	VCV yy	0.0003455467
		VCV yz	-0.0001314145	VCV zz	0.0001402129
GPSVEC	TP	Point ID 45068		DX -6293.066	DY 1261.591
		Class Normal		DZ -2017.228	Code EXT-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.053
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	231041.8	End wk 1554 sec	231047.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0096670752
		VCV xx	0.0000741309	VCV xy	0.0000836096
		VCV xz	-0.0000159451	VCV yy	0.000342964
		VCV yz	-0.000130808	VCV zz	0.0001396345
GPSVEC	TP	Point ID 45069		DX -6293.272	DY 1262.371
		Class Normal		DZ -2016.293	Code TOE-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.053
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	231063.2	End wk 1554 sec	231068.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0096567059
		VCV xx	0.0000741919	VCV xy	0.0000832488
		VCV xz	-0.0000157155	VCV yy	0.0003418611
		VCV yz	-0.0001308446	VCV zz	0.0001397615
GPSVEC	TP	Point ID 45070		DX -6291.973	DY 1261.346
		Class Normal		DZ -2016.952	Code EXT-TN
		Obs L1 Fixed		H.pr 0.028	V.pr 0.053
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	19.5
		Horz SD		Vert SD	
		Start wk 1554 sec	231082.4	End wk 1554 sec	231087.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0096330009
		VCV xx	0.000074013	VCV xy	0.0000826791
		VCV xz	-0.0000154679	VCV yy	0.0003398347
		VCV yz	-0.0001304647	VCV zz	0.0001394316
GPSVEC	TP	Point ID 45071		DX -6281.652	DY 1259.341
		Class Normal		DZ -2013.723	Code EXT
		Obs L1 Fixed		H.pr 0.028	V.pr 0.052
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.7
		Horz SD		Vert SD	
		Start wk 1554 sec	231102.4	End wk 1554 sec	231107.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0096178725
		VCV xx	0.0000739705	VCV xy	0.000082248
		VCV xz	-0.000015241	VCV yy	0.0003383863
		VCV yz	-0.0001303237	VCV zz	0.0001393581
GPSVEC	TP	Point ID 45072		DX -6281.631	DY 1260.144
		Class Normal		DZ -2012.604	Code TOE
		Obs L1 Fixed		H.pr 0.028	V.pr 0.053
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	19.5
		Horz SD		Vert SD	
		Start wk 1554 sec	231117.8	End wk 1554 sec	231122.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0096253557
		VCV xx	0.0000742244	VCV xy	0.0000822433
		VCV xz	-0.0000151375	VCV yy	0.0003386151
		VCV yz	-0.0001307255	VCV zz	0.0001398428
GPSVEC	TP	Point ID 45073		DX -6275.195	DY 1259.355
		Class Normal		DZ -2010.052	Code TOE-PS
		Obs L1 Fixed		H.pr 0.028	V.pr 0.052
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.7
		Horz SD		Vert SD	
		Start wk 1554 sec	231135.8	End wk 1554 sec	231140.8

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0096060708
          VCV xx 0.0000740875 VCV xy 0.0000817519
          VCV xz -0.0000149205 VCV yy 0.0003368817
          VCV yz -0.0001304308 VCV zz 0.000139591

GPSVEC TP Point ID 45074 DX -6274.596 DY 1258.478
          Class Normal DZ -2010.872 Code EXT-PS
          Obs L1 Fixed H.pr 0.028 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 17.7
          Horz SD Vert SD
          Start wk 1554 sec 231152.8 End wk 1554 sec 231157.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0096238144
          VCV xx 0.0000745056 VCV xy 0.0000818954
          VCV xz -0.0000148366 VCV yy 0.0003377557
          VCV yz -0.0001311235 VCV zz 0.0001403877

GPSVEC TP Point ID 45075 DX -6273.663 DY 1258.408
          Class Normal DZ -2010.494 Code EXT-TN
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 17.7
          Horz SD Vert SD
          Start wk 1554 sec 231219.0 End wk 1554 sec 231224.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0096171033
          VCV xx 0.0000749222 VCV xy 0.0000811421
          VCV xz -0.0000142164 VCV yy 0.0003357023
          VCV yz -0.000131705 VCV zz 0.0001411965

GPSVEC TP Point ID 45076 DX -6265.438 DY 1258.269
          Class Normal DZ -2006.364 Code EXT
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 17.7
          Horz SD Vert SD
          Start wk 1554 sec 231237.0 End wk 1554 sec 231242.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.009598908
          VCV xx 0.0000747613 VCV xy 0.0000806451
          VCV xz -0.0000140274 VCV yy 0.0003339685
          VCV yz -0.0001314053 VCV zz 0.000140913

GPSVEC TP Point ID 45077 DX -6257.298 DY 1258.770
          Class Normal DZ -2001.320 Code EXT-TN-R-175
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 16.3
          Horz SD Vert SD
          Start wk 1554 sec 231273.2 End wk 1554 sec 231278.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0095791789
          VCV xx 0.0000746852 VCV xy 0.0000799288
          VCV xz -0.0000136748 VCV yy 0.0003316199
          VCV yz -0.0001312411 VCV zz 0.0001408004

GPSVEC TP Point ID 45078 DX -6255.454 DY 1259.053
          Class Normal DZ -1999.916 Code EXT-TN-R-175
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 16.3
          Horz SD Vert SD
          Start wk 1554 sec 231285.2 End wk 1554 sec 231290.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0095425658
          VCV xx 0.0000741762 VCV xy 0.0000791755
          VCV xz -0.0000134802 VCV yy 0.0003287476
          VCV yz -0.0001303591 VCV zz 0.0001398648

GPSVEC TP Point ID 45079 DX -6254.811 DY 1259.667
          Class Normal DZ -1998.939 Code TOE-PS
          Obs L1 Fixed H.pr 0.028 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 15.8
          Horz SD Vert SD
          Start wk 1554 sec 231309.4 End wk 1554 sec 231314.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.009541316
          VCV xx 0.0000742891 VCV xy 0.0000788856
          VCV xz -0.0000132925 VCV yy 0.0003279638
          VCV yz -0.0001305556 VCV zz 0.0001401043
    
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GPSVEC	TP	Point ID 45080	DX	-6254.458	DY	1259.349
		Class Normal	DZ	-1999.141	Code	EXT-PS
		Obs L1 Fixed	H.pr	0.028	V.pr	0.052
GPSQC1	NM	Min SVs 8		PDOP max	1.9	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.7	
		Monitor status Not monitored		RMS	15.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 231327.4		End wk 1554 sec 231332.4		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0095595187	
		VCV xx 0.0000746746		VCV xy	0.0000789738	
		VCV xz -0.0000132171		VCV yy	0.000328645	
		VCV yz -0.0001312313		VCV zz	0.0001408542	
GPSVEC	TP	Point ID 45081	DX	-6251.991	DY	1259.732
		Class Normal	DZ	-1997.148	Code	EXT
		Obs L1 Fixed	H.pr	0.029	V.pr	0.054
GPSQC1	NM	Min SVs 8		PDOP max	1.9	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.7	
		Monitor status Not monitored		RMS	19.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 231342.6		End wk 1554 sec 231347.6		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0098264162	
		VCV xx 0.0000789811		VCV xy	0.0000832601	
		VCV xz -0.0000138501		VCV yy	0.0003467701	
		VCV yz -0.0001388105		VCV zz	0.0001490005	
GPSVEC	TP	Point ID 45082	DX	-6249.294	DY	1260.987
		Class Normal	DZ	-1994.143	Code	EXT-PS
		Obs L1 Fixed	H.pr	0.029	V.pr	0.054
GPSQC1	NM	Min SVs 8		PDOP max	1.9	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.7	
		Monitor status Not monitored		RMS	19.6	
		Horz SD		Vert SD		
		Start wk 1554 sec 231358.6		End wk 1554 sec 231363.6		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0098729124	
		VCV xx 0.0000798068		VCV xy	0.0000838451	
		VCV xz -0.0000138562		VCV yy	0.0003495196	
		VCV yz -0.0001402787		VCV zz	0.0001505845	
GPSVEC	TP	Point ID 45083	DX	-6250.193	DY	1261.488
		Class Normal	DZ	-1994.054	Code	TOE-PS
		Obs L1 Fixed	H.pr	0.030	V.pr	0.055
GPSQC1	NM	Min SVs 8		PDOP max	1.9	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.7	
		Monitor status Not monitored		RMS	16.7	
		Horz SD		Vert SD		
		Start wk 1554 sec 231374.6		End wk 1554 sec 231379.6		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0101569835	
		VCV xx 0.0000845402		VCV xy	0.0000885191	
		VCV xz -0.000014534		VCV yy	0.000369339	
		VCV yz -0.0001486227		VCV zz	0.0001595454	
GPSVEC	TP	Point ID 45084	DX	-6246.951	DY	1261.971
		Class Normal	DZ	-1991.662	Code	EXT
		Obs L1 Fixed	H.pr	0.031	V.pr	0.056
GPSQC1	NM	Min SVs 8		PDOP max	1.9	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.7	
		Monitor status Not monitored		RMS	20.2	
		Horz SD		Vert SD		
		Start wk 1554 sec 231389.8		End wk 1554 sec 231394.8		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0103676301	
		VCV xx 0.0000881467		VCV xy	0.0000920064	
		VCV xz -0.0000150174		VCV yy	0.0003842216	
		VCV yz -0.0001549923		VCV zz	0.0001663832	
GPSVEC	TP	Point ID 45085	DX	-6243.788	DY	1264.191
		Class Normal	DZ	-1987.058	Code	EXT-TN
		Obs L1 Fixed	H.pr	0.030	V.pr	0.055
GPSQC1	NM	Min SVs 8		PDOP max	1.9	
		Relative DOPs Yes		HDOP max	0.9	
		Total GPS pos 6		VDOP max	1.7	
		Monitor status Not monitored		RMS	18.6	
		Horz SD		Vert SD		
		Start wk 1554 sec 231406.0		End wk 1554 sec 231411.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0101442439	
		VCV xx 0.0000844494		VCV xy	0.0000878572	
		VCV xz -0.0000142561		VCV yy	0.0003672403	
		VCV yz -0.0001485286		VCV zz	0.0001594411	
GPSVEC	TP	Point ID 45086	DX	-6243.045	DY	1264.824
		Class Normal	DZ	-1985.934	Code	EXT
		Obs L1 Fixed	H.pr	0.030	V.pr	0.055

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GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       16.6
          Horz SD                               Vert SD
          Start wk 1554 sec 231422.2          End wk 1554   sec 231427.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0100885564
          VCV xx    0.0000835791      VCV xy    0.0000866677
          VCV xz   -0.000013981      VCV yy    0.0003626108
          VCV yz   -0.0001470394      VCV zz    0.0001578354

GPSVEC TP Point ID 45087          DX  -6244.917      DY  1265.555
          Class Normal          DZ  -1986.005      Code TOE
          Obs L1 Fixed          H.pr 0.031      V.pr 0.056

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       18.8
          Horz SD                               Vert SD
          Start wk 1554 sec 231451.4          End wk 1554   sec 231456.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0104062939
          VCV xx    0.0000890226      VCV xy    0.0000917531
          VCV xz   -0.0000146149      VCV yy    0.0003845675
          VCV yz   -0.0001567056      VCV zz    0.0001681789

GPSVEC TP Point ID 45088          DX  -6239.908      DY  1271.198
          Class Normal          DZ  -1976.569      Code TOE-PS
          Obs L1 Fixed          H.pr 0.031      V.pr 0.056

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  5        VDOP max  1.7
          Monitor status Not monitored RMS       20.9
          Horz SD                               Vert SD
          Start wk 1554 sec 231470.4          End wk 1554   sec 231475.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0103221824
          VCV xx    0.0000876294      VCV xy    0.0000899895
          VCV xz   -0.0000142231      VCV yy    0.0003776303
          VCV yz   -0.0001543341      VCV zz    0.0001655976

GPSVEC TP Point ID 45089          DX  -6238.788      DY  1270.639
          Class Normal          DZ  -1976.645      Code EXT-PS
          Obs L1 Fixed          H.pr 0.030      V.pr 0.055

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       18.8
          Horz SD                               Vert SD
          Start wk 1554 sec 231487.6          End wk 1554   sec 231492.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102157211
          VCV xx    0.0000858695      VCV xy    0.0000878706
          VCV xz   -0.000013815      VCV yy    0.000369118
          VCV yz   -0.0001512989      VCV zz    0.0001623229

GPSVEC TP Point ID 45090          DX  -6235.532      DY  1275.050
          Class Normal          DZ  -1969.602      Code EXT-TN
          Obs L1 Fixed          H.pr 0.030      V.pr 0.055

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       20.0
          Horz SD                               Vert SD
          Start wk 1554 sec 231506.6          End wk 1554   sec 231511.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0101138074
          VCV xx    0.0000841886      VCV xy    0.0000858433
          VCV xz   -0.000013395      VCV yy    0.0003610471
          VCV yz   -0.0001484277      VCV zz    0.0001591976

GPSVEC TP Point ID 45091          DX  -6230.839      DY  1281.915
          Class Normal          DZ  -1958.837      Code EXT-PS
          Obs L1 Fixed          H.pr 0.031      V.pr 0.057

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       21.0
          Horz SD                               Vert SD
          Start wk 1554 sec 231531.6          End wk 1554   sec 231536.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0105048018
          VCV xx    0.000090856      VCV xy    0.0000921791
          VCV xz   -0.0000142619      VCV yy    0.0003882998
          VCV yz   -0.0001603081      VCV zz    0.0001718852

GPSVEC TP Point ID 45092          DX  -6231.996      DY  1282.566
          Class Normal          DZ  -1958.632      Code TOE-PS
          Obs L1 Fixed          H.pr 0.031      V.pr 0.056

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  7        VDOP max  1.6
          Monitor status Not monitored RMS       20.6
          Horz SD                               Vert SD
          Start wk 1554 sec 231552.0          End wk 1554   sec 231557.8
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0103561403
VCV xx 0.0000883087 VCV xy 0.0000892485
VCV xz -0.0000137006 VCV yy 0.000376485
VCV yz -0.0001559388 VCV zz 0.0001671337

GPSVEC TP Point ID 45093 DX -6228.242 DY 1286.614
Class Normal DZ -1951.741 Code EXT-TN
Obs L1 Fixed H.pr 0.032 V.pr 0.057

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 22.0
Horz SD Vert SD
Start wk 1554 sec 231575.0 End wk 1554 sec 231580.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0106154904
VCV xx 0.0000927942 VCV xy 0.0000933809
VCV xz -0.0000142483 VCV yy 0.0003944753
VCV yz -0.0001639975 VCV zz 0.0001757117

GPSVEC TP Point ID 45094 DX -6229.083 DY 1287.900
Class Normal DZ -1950.751 Code R-52-TOE
Obs L1 Fixed H.pr 0.032 V.pr 0.057

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1554 sec 231597.2 End wk 1554 sec 231603.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0106321452
VCV xx 0.0000930657 VCV xy 0.0000932528
VCV xz -0.0000141276 VCV yy 0.000394537
VCV yz -0.0001646379 VCV zz 0.0001763155

GPSVEC TP Point ID 45095 DX -6226.326 DY 1290.244
Class Normal DZ -1946.247 Code EXT
Obs L1 Fixed H.pr 0.032 V.pr 0.058

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 21.6
Horz SD Vert SD
Start wk 1554 sec 231618.2 End wk 1554 sec 231624.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108289085
VCV xx 0.0000950879 VCV xy 0.0000949111
VCV xz -0.0000142922 VCV yy 0.0004021214
VCV yz -0.0001683761 VCV zz 0.0001802365

GPSVEC TP Point ID 45096 DX -6226.306 DY 1291.819
Class Normal DZ -1944.464 Code EXT
Obs L1 Fixed H.pr 0.032 V.pr 0.057

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 21.3
Horz SD Vert SD
Start wk 1554 sec 231630.2 End wk 1554 sec 231635.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0106378067
VCV xx 0.0000931422 VCV xy 0.0000927648
VCV xz -0.0000139546 VCV yy 0.0003933001
VCV yz -0.000165014 VCV zz 0.0001766152

GPSVEC TP Point ID 45097 DX -6225.992 DY 1292.495
Class Normal DZ -1943.556 Code EXT
Obs L1 Fixed H.pr 0.030 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 21.1
Horz SD Vert SD
Start wk 1554 sec 231640.4 End wk 1554 sec 231646.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0101512689
VCV xx 0.0000847812 VCV xy 0.0000842836
VCV xz -0.0000126339 VCV yy 0.000357631
VCV yz -0.0001502875 VCV zz 0.0001608039

GPSVEC TP Point ID 45098 DX -6224.618 DY 1293.446
Class Normal DZ -1941.659 Code R-53-EXT
Obs L1 Fixed H.pr 0.030 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.9
Horz SD Vert SD
Start wk 1554 sec 231673.4 End wk 1554 sec 231678.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0101514403
VCV xx 0.0000847147 VCV xy 0.0000837358
VCV xz -0.0000124187 VCV yy 0.0003561284
VCV yz -0.0001504276 VCV zz 0.0001607937
    
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GPSVEC TP Point ID 45099      DX -6223.893      DY 1294.775
        Class Normal      DZ -1939.641      Code R-53-EXT
        Obs L1 Fixed      H.pr 0.031      V.pr 0.055

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 18.6
        Horz SD              Vert SD
        Start wk 1554 sec 231688.4 End wk 1554 sec 231693.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102573959
        VCV xx 0.000086443      VCV xy 0.0000852191
        VCV xz -0.0000125999     VCV yy 0.0003628189
        VCV yz -0.0001536246     VCV zz 0.0001641482

GPSVEC TP Point ID 45100      DX -6225.490      DY 1294.600
        Class Normal      DZ -1940.553      Code R-53-TOE
        Obs L1 Fixed      H.pr 0.031      V.pr 0.055

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 17.0
        Horz SD              Vert SD
        Start wk 1554 sec 231709.4 End wk 1554 sec 231714.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0103357891
        VCV xx 0.0000877114      VCV xy 0.000086155
        VCV xz -0.0000126755     VCV yy 0.0003673456
        VCV yz -0.0001560666     VCV zz 0.0001666527

GPSVEC TP Point ID 45101      DX -6228.248      DY 1295.097
        Class Normal      DZ -1940.037      Code R-53-PS
        Obs L1 Fixed      H.pr 0.031      V.pr 0.055

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 16.8
        Horz SD              Vert SD
        Start wk 1554 sec 231726.4 End wk 1554 sec 231731.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102720968
        VCV xx 0.0000865747      VCV xy 0.0000847783
        VCV xz -0.0000124388     VCV yy 0.0003618965
        VCV yz -0.0001541972     VCV zz 0.0001645814

GPSVEC TP Point ID 45102      DX -6222.438      DY 1298.831
        Class Normal      DZ -1933.768      Code R-54-EXT-TN
        Obs L1 Fixed      H.pr 0.031      V.pr 0.056

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 20.6
        Horz SD              Vert SD
        Start wk 1554 sec 231756.6 End wk 1554 sec 231761.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0104994345
        VCV xx 0.0000903237      VCV xy 0.0000880037
        VCV xz -0.0000128186     VCV yy 0.000376481
        VCV yz -0.0001611815     VCV zz 0.000171847

GPSVEC TP Point ID 45103      DX -6223.760      DY 1299.418
        Class Normal      DZ -1933.866      Code R-54-EXT
        Obs L1 Fixed      H.pr 0.031      V.pr 0.056

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 21.2
        Horz SD              Vert SD
        Start wk 1554 sec 231774.6 End wk 1554 sec 231779.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0104595786
        VCV xx 0.0000895543      VCV xy 0.0000869925
        VCV xz -0.0000126298     VCV yy 0.0003726477
        VCV yz -0.0001599989     VCV zz 0.0001704798

GPSVEC TP Point ID 45104      DX -6222.850      DY 1303.796
        Class Normal      DZ -1927.786      Code R-54-PS
        Obs L1 Fixed      H.pr 0.032      V.pr 0.057

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 17.7
        Horz SD              Vert SD
        Start wk 1554 sec 231795.8 End wk 1554 sec 231800.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0106865922
        VCV xx 0.0000933797      VCV xy 0.0000903983
        VCV xz -0.0000130758     VCV yy 0.0003878381
        VCV yz -0.0001670767     VCV zz 0.0001778809

GPSVEC TP Point ID 45105      DX -6221.708      DY 1303.819
        Class Normal      DZ -1927.641      Code R-54-TOE
        Obs L1 Fixed      H.pr 0.032      V.pr 0.058
    
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GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	20.0
		Horz SD		Vert SD	
		Start wk 1554 sec	231812.8	End wk 1554 sec	231817.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0108635062
		VCV xx	0.0000963829	VCV xy	0.0000930518
		VCV xz	-0.0000134323	VCV yy	0.0003997241
		VCV yz	-0.0001726588	VCV zz	0.0001837145
GPSVEC	TP	Point ID 45106		DX -6220.642	DY 1303.734
		Class Normal		DZ -1927.230	Code R-54-EXT
		Obs L1 Fixed		H.pr 0.032	V.pr 0.058
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	18.1
		Horz SD		Vert SD	
		Start wk 1554 sec	231833.0	End wk 1554 sec	231838.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0108416155
		VCV xx	0.000095866	VCV xy	0.0000922611
		VCV xz	-0.0000132849	VCV yy	0.0003969132
		VCV yz	-0.0001719836	VCV zz	0.0001828562
GPSVEC	TP	Point ID 45107		DX -6220.147	DY 1308.133
		Class Normal		DZ -1921.529	Code EXT-TN-REPAIR
		Obs L1 Fixed		H.pr 0.032	V.pr 0.056
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	21.2
		Horz SD		Vert SD	
		Start wk 1554 sec	231899.8	End wk 1554 sec	231904.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0106684519
		VCV xx	0.0000923615	VCV xy	0.0000879852
		VCV xz	-0.0000125528	VCV yy	0.0003804565
		VCV yz	-0.0001665703	VCV zz	0.0001765525
GPSVEC	TP	Point ID 45108		DX -6219.890	DY 1309.955
		Class Normal		DZ -1919.125	Code EXT-TN-REPAIR
		Obs L1 Fixed		H.pr 0.031	V.pr 0.054
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	20.9
		Horz SD		Vert SD	
		Start wk 1554 sec	231923.8	End wk 1554 sec	231928.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0102911433
		VCV xx	0.0000857627	VCV xy	0.0000814104
		VCV xz	-0.0000116007	VCV yy	0.0003526764
		VCV yz	-0.0001549807	VCV zz	0.0001640936
GPSVEC	TP	Point ID 45109		DX -6220.645	DY 1310.089
		Class Normal		DZ -1919.420	Code TOE
		Obs L1 Fixed		H.pr 0.031	V.pr 0.054
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.0
		Horz SD		Vert SD	
		Start wk 1554 sec	231938.0	End wk 1554 sec	231943.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0101789031
		VCV xx	0.0000837925	VCV xy	0.0000793797
		VCV xz	-0.0000113155	VCV yy	0.0003442419
		VCV yz	-0.0001516004	VCV zz	0.0001604293
GPSVEC	TP	Point ID 45110		DX -6219.891	DY 1311.133
		Class Normal		DZ -1917.715	Code EXT
		Obs L1 Fixed		H.pr 0.031	V.pr 0.053
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	20.9
		Horz SD		Vert SD	
		Start wk 1554 sec	231954.2	End wk 1554 sec	231959.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0101740314
		VCV xx	0.0000835842	VCV xy	0.0000790027
		VCV xz	-0.0000112651	VCV yy	0.0003430177
		VCV yz	-0.0001514321	VCV zz	0.0001601444
GPSVEC	TP	Point ID 45111		DX -6221.660	DY 1318.161
		Class Normal		DZ -1910.420	Code EXT-PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.053
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	20.5
		Horz SD		Vert SD	
		Start wk 1554 sec	231976.4	End wk 1554 sec	231981.6

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0101892306
          VCV xx 0.0000836331 VCV xy 0.0000787963
          VCV xz -0.0000112357 VCV yy 0.0003427145
          VCV yz -0.000151828 VCV zz 0.0001603872

GPSVEC TP Point ID 45112 DX -6222.314 DY 1318.307
          Class Normal DZ -1910.665 Code TOE-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.8
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 20.5
          Horz SD Vert SD
          Start wk 1554 sec 231994.6 End wk 1554 sec 231999.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.010194785
          VCV xx 0.000083568 VCV xy 0.0000785417
          VCV xz -0.0000112068 VCV yy 0.0003420692
          VCV yz -0.000151956 VCV zz 0.000160389

GPSVEC TP Point ID 45113 DX -6223.302 DY 1322.244
          Class Normal DZ -1906.179 Code EXT-TN
          Obs L1 Fixed H.pr 0.031 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.8
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 20.6
          Horz SD Vert SD
          Start wk 1554 sec 232014.6 End wk 1554 sec 232019.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0102339154
          VCV xx 0.0000840309 VCV xy 0.0000787646
          VCV xz -0.0000112448 VCV yy 0.0003435613
          VCV yz -0.0001530804 VCV zz 0.0001614097

GPSVEC TP Point ID 45114 DX -6224.389 DY 1322.359
          Class Normal DZ -1906.653 Code TOE
          Obs L1 Fixed H.pr 0.031 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 1.8
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 18.8
          Horz SD Vert SD
          Start wk 1554 sec 232028.8 End wk 1554 sec 232033.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0102419909
          VCV xx 0.0000840328 VCV xy 0.0000786204
          VCV xz -0.000011235 VCV yy 0.0003432952
          VCV yz -0.0001532857 VCV zz 0.0001615167

GPSVEC TP Point ID 45115 DX -6228.766 DY 1332.964
          Class Normal DZ -1896.128 Code TOE-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.8
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 19.1
          Horz SD Vert SD
          Start wk 1554 sec 232055.8 End wk 1554 sec 232060.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0103940656
          VCV xx 0.0000862904 VCV xy 0.000080452
          VCV xz -0.0000115108 VCV yy 0.0003520243
          VCV yz -0.0001578128 VCV zz 0.0001660377

GPSVEC TP Point ID 45116 DX -6227.917 DY 1333.082
          Class Normal DZ -1895.577 Code EXT-PS
          Obs L1 Fixed H.pr 0.032 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 1.8
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.6
          Horz SD Vert SD
          Start wk 1554 sec 232075.0 End wk 1554 sec 232080.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0105121685
          VCV xx 0.0000880555 VCV xy 0.0000818927
          VCV xz -0.0000117551 VCV yy 0.0003588182
          VCV yz -0.000161345 VCV zz 0.0001696063

GPSVEC TP Point ID 45117 DX -6228.561 DY 1334.611
          Class Normal DZ -1894.225 Code EXT-TN
          Obs L1 Fixed H.pr 0.031 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 1.8
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 21.3
          Horz SD Vert SD
          Start wk 1554 sec 232100.2 End wk 1554 sec 232105.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0103446441
          VCV xx 0.0000850127 VCV xy 0.0000788285
          VCV xz -0.0000113265 VCV yy 0.0003460874
          VCV yz -0.0001561543 VCV zz 0.0001639034
    
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GPSVEC TP Point ID 45118      DX -6229.441      DY 1335.465
        Class Normal      DZ -1893.649      Code EXT
        Obs L1 Fixed      H.pr 0.031      V.pr 0.054

GPSQC1 NM Min SVs          8                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 17.4
        Horz SD              Vert SD
        Start wk 1554 sec 232116.6 End wk 1554 sec 232121.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0104059409
        VCV xx 0.0000858222    VCV xy 0.0000794172
        VCV xz -0.00001144     VCV yy 0.0003491216
        VCV yz -0.0001579133   VCV zz 0.0001656074

GPSVEC TP Point ID 45119      DX -6239.997      DY 1340.880
        Class Normal      DZ -1893.074      Code EXT
        Obs L1 Fixed      H.pr 0.031      V.pr 0.053

GPSQC1 NM Min SVs          8                PDOP max 1.8
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 20.8
        Horz SD              Vert SD
        Start wk 1554 sec 232136.8 End wk 1554 sec 232141.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0103377374
        VCV xx 0.0000844774    VCV xy 0.0000779901
        VCV xz -0.000011269    VCV yy 0.0003433666
        VCV yz -0.0001557591   VCV zz 0.0001631712

GPSVEC TP Point ID 45120      DX -6242.752      DY 1342.169
        Class Normal      DZ -1893.049      Code EXT-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.055

GPSQC1 NM Min SVs          7                PDOP max 2.3
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 19.1
        Horz SD              Vert SD
        Start wk 1554 sec 232155.0 End wk 1554 sec 232160.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0083092023
        VCV xx 0.0000870609    VCV xy 0.0000802133
        VCV xz -0.0000116311   VCV yy 0.0003536802
        VCV yz -0.0001609044   VCV zz 0.000168415

GPSVEC TP Point ID 45121      DX -6242.871      DY 1341.881
        Class Normal      DZ -1893.454      Code TOE-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.056

GPSQC1 NM Min SVs          7                PDOP max 2.3
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 13.9
        Horz SD              Vert SD
        Start wk 1554 sec 232176.2 End wk 1554 sec 232181.2

GPSQC2 NM Ttl satellites 7          Err Scale 0.0083995778
        VCV xx 0.0000877916    VCV xy 0.000080928
        VCV xz -0.0000120524   VCV yy 0.000359965
        VCV yz -0.0001671686   VCV zz 0.000175718

GPSVEC TP Point ID 45122      DX -6248.044      DY 1345.177
        Class Normal      DZ -1892.534      Code EXT-TN
        Obs L1 Fixed      H.pr 0.030      V.pr 0.055

GPSQC1 NM Min SVs          7                PDOP max 2.3
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 17.5
        Horz SD              Vert SD
        Start wk 1554 sec 232193.2 End wk 1554 sec 232198.2

GPSQC2 NM Ttl satellites 7          Err Scale 0.0083071645
        VCV xx 0.0000852478    VCV xy 0.0000785686
        VCV xz -0.0000118948   VCV yy 0.0003514015
        VCV yz -0.0001652148   VCV zz 0.0001740111

NOTE NM Modified 12:29:57 PM 10/20/2009

NOTE NM Old values EXT

GPSVEC TP Point ID 45123      DX -6260.376      DY 1351.674
        Class Normal      DZ -1891.734      Code R-55-EXT
        Obs L1 Fixed      H.pr 0.030      V.pr 0.056

GPSQC1 NM Min SVs          7                PDOP max 2.3
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 13.9
        Horz SD              Vert SD
        Start wk 1554 sec 232236.6 End wk 1554 sec 232241.6

GPSQC2 NM Ttl satellites 7          Err Scale 0.0083978213
        VCV xx 0.0000860953    VCV xy 0.0000792218
        VCV xz -0.0000123478   VCV yy 0.0003582065
        VCV yz -0.0001721918   VCV zz 0.0001816382

GPSVEC TP Point ID 45124      DX -6262.960      DY 1352.960
        Class Normal      DZ -1891.491      Code R-55-EXT
        Obs L1 Fixed      H.pr 0.031      V.pr 0.056
    
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GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 17.2
Horz SD Vert SD
Start wk 1554 sec 232250.8 End wk 1554 sec 232255.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084539102
VCV xx 0.000087083 VCV xy 0.0000800622
VCV xz -0.0000125912 VCV yy 0.0003628598
VCV yz -0.0001752999 VCV zz 0.0001849326

GPSVEC TP Point ID 45125 DX -6262.630 DY 1352.172
Class Normal DZ -1892.285 Code R-55-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 13.7
Horz SD Vert SD
Start wk 1554 sec 232266.8 End wk 1554 sec 232271.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084006609
VCV xx 0.0000858503 VCV xy 0.0000788495
VCV xz -0.0000125013 VCV yy 0.0003582505
VCV yz -0.0001739015 VCV zz 0.0001833832

GPSVEC TP Point ID 45126 DX -6262.689 DY 1351.963
Class Normal DZ -1892.594 Code TOE-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 232285.0 End wk 1554 sec 232290.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084179025
VCV xx 0.0000861071 VCV xy 0.0000789897
VCV xz -0.0000126279 VCV yy 0.0003597368
VCV yz -0.0001753966 VCV zz 0.0001848298

GPSVEC TP Point ID 45127 DX -6282.240 DY 1362.680
Class Normal DZ -1891.185 Code TOE-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1554 sec 232309.0 End wk 1554 sec 232314.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084553286
VCV xx 0.0000868127 VCV xy 0.0000795039
VCV xz -0.0000128388 VCV yy 0.0003630512
VCV yz -0.0001778674 VCV zz 0.0001871763

GPSVEC TP Point ID 45128 DX -6282.119 DY 1363.041
Class Normal DZ -1890.637 Code EXT-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 14.2
Horz SD Vert SD
Start wk 1554 sec 232328.2 End wk 1554 sec 232333.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084546823
VCV xx 0.0000867876 VCV xy 0.0000793723
VCV xz -0.000012917 VCV yy 0.0003630973
VCV yz -0.0001784493 VCV zz 0.0001875599

GPSVEC TP Point ID 45129 DX -6287.723 DY 1365.953
Class Normal DZ -1890.459 Code EXT-TN
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1554 sec 232345.6 End wk 1554 sec 232351.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084561734
VCV xx 0.000086837 VCV xy 0.0000793096
VCV xz -0.0000129902 VCV yy 0.0003634026
VCV yz -0.0001790486 VCV zz 0.0001879293

GPSVEC TP Point ID 45130 DX -6302.020 DY 1373.269
Class Normal DZ -1889.826 Code EXT-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 17.4
Horz SD Vert SD
Start wk 1554 sec 232366.6 End wk 1554 sec 232371.6
    
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GPSQC2 NM Ttl satellites 7 Err Scale 0.0084701953
VCV xx 0.0000871603 VCV xy 0.0000794903
VCV xz -0.0000131219 VCV yy 0.0003647621
VCV yz -0.0001801615 VCV zz 0.0001888038

GPSVEC TP Point ID 45131 DX -6302.348 DY 1372.638
Class Normal DZ -1890.637 Code TOE-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 13.9
Horz SD Vert SD
Start wk 1554 sec 232398.6 End wk 1554 sec 232403.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084916838
VCV xx 0.0000876867 VCV xy 0.0000797898
VCV xz -0.0000133308 VCV yy 0.0003668882
VCV yz -0.0001817998 VCV zz 0.0001899814

GPSVEC TP Point ID 45132 DX -6307.593 DY 1376.053
Class Normal DZ -1889.659 Code EXT-TN
Obs L1 Fixed H.pr 0.031 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 13.9
Horz SD Vert SD
Start wk 1554 sec 232416.0 End wk 1554 sec 232421.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0085130474
VCV xx 0.0000881746 VCV xy 0.0000801372
VCV xz -0.0000134933 VCV yy 0.0003688079
VCV yz -0.0001830673 VCV zz 0.0001910489

GPSVEC TP Point ID 45133 DX -6322.047 DY 1383.294
Class Normal DZ -1889.058 Code EXT-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 7 VDOP max 2.0
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 232438.4 End wk 1554 sec 232444.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0082477359
VCV xx 0.0000797347 VCV xy 0.0000643748
VCV xz -0.0000100859 VCV yy 0.0003394428
VCV yz -0.0001767126 VCV zz 0.00018934

GPSVEC TP Point ID 45134 DX -6322.566 DY 1382.470
Class Normal DZ -1890.238 Code TOE-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 13.9
Horz SD Vert SD
Start wk 1554 sec 232462.4 End wk 1554 sec 232467.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0083524613
VCV xx 0.0000828048 VCV xy 0.0000691827
VCV xz -0.0000112487 VCV yy 0.0003502125
VCV yz -0.0001802395 VCV zz 0.0001912178

GPSVEC TP Point ID 45135 DX -6327.672 DY 1386.123
Class Normal DZ -1888.822 Code EXT-TN
Obs L1 Fixed H.pr 0.031 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 232486.4 End wk 1554 sec 232491.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084364042
VCV xx 0.0000852337 VCV xy 0.0000728656
VCV xz -0.0000121671 VCV yy 0.0003588582
VCV yz -0.0001832231 VCV zz 0.0001928319

GPSVEC TP Point ID 45136 DX -6342.006 DY 1393.477
Class Normal DZ -1888.445 Code EXT-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 17.4
Horz SD Vert SD
Start wk 1554 sec 232511.4 End wk 1554 sec 232516.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0085019814
VCV xx 0.0000871028 VCV xy 0.0000756034
VCV xz -0.0000128837 VCV yy 0.0003655973
VCV yz -0.0001856793 VCV zz 0.0001941509
    
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GPSVEC TP Point ID 45137      DX  -6342.327      DY  1392.958
        Class Normal      DZ  -1889.150      Code TOE-PS
        Obs L1 Fixed      H.pr 0.032      V.pr 0.057

GPSQC1 NM Min SVs          7      PDOP max 2.3
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 2.0
        Monitor status Not monitored      RMS 17.5
        Horz SD      Vert SD
        Start wk 1554 sec 232536.6      End wk 1554 sec 232541.6

GPSQC2 NM Ttl satellites 7      Err Scale 0.0085641593
        VCV xx 0.0000887796      VCV xy 0.0000778737
        VCV xz -0.0000135299      VCV yy 0.0003717218
        VCV yz -0.0001881767      VCV zz 0.0001957248

NOTE TS Time Date 10/20/2009 Time 12:35:49

GPSVEC TP Point ID 45138      DX  -6347.449      DY  1396.442
        Class Normal      DZ  -1888.038      Code EXT-TN
        Obs L1 Fixed      H.pr 0.032      V.pr 0.057

GPSQC1 NM Min SVs          7      PDOP max 2.3
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 2.0
        Monitor status Not monitored      RMS 15.8
        Horz SD      Vert SD
        Start wk 1554 sec 232560.8      End wk 1554 sec 232565.8

GPSQC2 NM Ttl satellites 7      Err Scale 0.0086004073
        VCV xx 0.0000897957      VCV xy 0.00007928
        VCV xz -0.0000139855      VCV yy 0.0003753595
        VCV yz -0.0001896593      VCV zz 0.0001964266

GPSVEC TP Point ID 45139      DX  -6361.981      DY  1403.828
        Class Normal      DZ  -1886.967      Code EXT-PS
        Obs L1 Fixed      H.pr 0.032      V.pr 0.057

GPSQC1 NM Min SVs          7      PDOP max 2.3
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 2.0
        Monitor status Not monitored      RMS 17.6
        Horz SD      Vert SD
        Start wk 1554 sec 232581.0      End wk 1554 sec 232586.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0086260689
        VCV xx 0.0000904845      VCV xy 0.0000801777
        VCV xz -0.0000143096      VCV yy 0.0003778373
        VCV yz -0.0001907533      VCV zz 0.000196964

GPSVEC TP Point ID 45140      DX  -6362.219      DY  1403.287
        Class Normal      DZ  -1887.701      Code TOE-PS
        Obs L1 Fixed      H.pr 0.034      V.pr 0.058

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 15.0
        Horz SD      Vert SD
        Start wk 1554 sec 232614.6      End wk 1554 sec 232620.2

GPSQC2 NM Ttl satellites 6      Err Scale 0.0079636592
        VCV xx 0.0000976111      VCV xy 0.0000925491
        VCV xz -0.0000175578      VCV yy 0.0004030379
        VCV yz -0.000198143      VCV zz 0.0001996983

GPSVEC TP Point ID 45141      DX  -6367.452      DY  1406.645
        Class Normal      DZ  -1886.655      Code EXT-TN
        Obs L1 Fixed      H.pr 0.035      V.pr 0.058

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 5      VDOP max 2.2
        Monitor status Not monitored      RMS 16.5
        Horz SD      Vert SD
        Start wk 1554 sec 232634.6      End wk 1554 sec 232640.4

GPSQC2 NM Ttl satellites 6      Err Scale 0.0080163172
        VCV xx 0.000100007      VCV xy 0.0000974011
        VCV xz -0.0000189604      VCV yy 0.0004111901
        VCV yz -0.0001999548      VCV zz 0.0001992369

GPSVEC TP Point ID 45142      DX  -6381.925      DY  1414.128
        Class Normal      DZ  -1886.043      Code EXT-PS
        Obs L1 Fixed      H.pr 0.035      V.pr 0.059

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 16.7
        Horz SD      Vert SD
        Start wk 1554 sec 232657.6      End wk 1554 sec 232662.8

GPSQC2 NM Ttl satellites 6      Err Scale 0.0080985287
        VCV xx 0.0001029721      VCV xy 0.0001023747
        VCV xz -0.0000204013      VCV yy 0.0004220033
        VCV yz -0.0002035576      VCV zz 0.0002008446

GPSVEC TP Point ID 45143      DX  -6382.303      DY  1413.442
        Class Normal      DZ  -1886.928      Code TOE-PS
        Obs L1 Fixed      H.pr 0.035      V.pr 0.059
    
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GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.0
Horz SD Vert SD
Start wk 1554 sec 232685.8 End wk 1554 sec 232690.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081664901
VCV xx 0.0001054714 VCV xy 0.0001065597
VCV xz -0.0000217194 VCV yy 0.0004312935
VCV yz -0.0002067898 VCV zz 0.0002021397

GPSVEC TP Point ID 45144 DX -6387.225 DY 1417.023
Class Normal DZ -1885.460 Code EXT-TN
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.3
Horz SD Vert SD
Start wk 1554 sec 232719.0 End wk 1554 sec 232724.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0082255639
VCV xx 0.0001075218 VCV xy 0.0001097121
VCV xz -0.0000228397 VCV yy 0.0004392193
VCV yz -0.0002099932 VCV zz 0.0002037337

GPSVEC TP Point ID 45145 DX -6388.313 DY 1417.533
Class Normal DZ -1885.402 Code EXT-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.7
Horz SD Vert SD
Start wk 1554 sec 232740.2 End wk 1554 sec 232745.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0082314862
VCV xx 0.0001078649 VCV xy 0.0001103999
VCV xz -0.0000232507 VCV yy 0.0004405472
VCV yz -0.0002105862 VCV zz 0.0002036322

GPSVEC TP Point ID 45146 DX -6388.992 DY 1417.028
Class Normal DZ -1886.366 Code TOE-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.1
Horz SD Vert SD
Start wk 1554 sec 232763.4 End wk 1554 sec 232768.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0082285348
VCV xx 0.0001079098 VCV xy 0.0001106181
VCV xz -0.000023567 VCV yy 0.0004408115
VCV yz -0.0002108224 VCV zz 0.0002032328

GPSVEC TP Point ID 45147 DX -6392.545 DY 1420.175
Class Normal DZ -1884.664 Code EXT
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.2
Horz SD Vert SD
Start wk 1554 sec 232811.6 End wk 1554 sec 232816.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0082987873
VCV xx 0.0001098316 VCV xy 0.0001124988
VCV xz -0.0000245129 VCV yy 0.0004490133
VCV yz -0.0002153751 VCV zz 0.0002066523

GPSVEC TP Point ID 45148 DX -6393.940 DY 1419.715
Class Del normal DZ -1885.820 Code TOE
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.5
Horz SD Vert SD
Start wk 1554 sec 232829.6 End wk 1554 sec 232834.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083194533
VCV xx 0.0001103499 VCV xy 0.0001128885
VCV xz -0.0000248051 VCV yy 0.0004512653
VCV yz -0.0002168367 VCV zz 0.0002078526

NOTE NM Deleted 12:40:27 PM 10/20/2009

GPSVEC TP Point ID 45148 DX -6393.726 DY 1419.667
Class Normal DZ -1885.851 Code TOE
Obs L1 Fixed H.pr 0.036 V.pr 0.061

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GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 15.3
Horz SD Vert SD
Start wk 1554 sec 232855.4 End wk 1554 sec 232861.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083400225
VCV xx 0.000110827 VCV xy 0.0001130999
VCV xz -0.0000251286 VCV yy 0.0004534937
VCV yz -0.0002184484 VCV zz 0.0002090922

GPSVEC TP Point ID 45149 DX -6405.851 DY 1429.136
Class Normal DZ -1881.148 Code R-56-EXT
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 13.6
Horz SD Vert SD
Start wk 1554 sec 232881.2 End wk 1554 sec 232887.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083691087
VCV xx 0.0001115007 VCV xy 0.0001134622
VCV xz -0.000025489 VCV yy 0.0004564821
VCV yz -0.0002205026 VCV zz 0.0002108686

GPSVEC TP Point ID 45150 DX -6406.420 DY 1428.513
Class Normal DZ -1882.067 Code R-56-EXT-TOE
Obs L1 Fixed H.pr 0.036 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1554 sec 232902.2 End wk 1554 sec 232907.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.008338212
VCV xx 0.000110581 VCV xy 0.0001122434
VCV xz -0.0000254112 VCV yy 0.0004529859
VCV yz -0.0002192581 VCV zz 0.0002095035

GPSVEC TP Point ID 45151 DX -6408.014 DY 1429.574
Class Normal DZ -1881.703 Code R-56-EXT-TOE
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1554 sec 232915.4 End wk 1554 sec 232921.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083062276
VCV xx 0.0001096601 VCV xy 0.0001111234
VCV xz -0.0000252814 VCV yy 0.0004493849
VCV yz -0.0002178137 VCV zz 0.0002080428

GPSVEC TP Point ID 45152 DX -6408.901 DY 1427.532
Class Normal DZ -1883.565 Code R-56-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.3
Horz SD Vert SD
Start wk 1554 sec 232935.6 End wk 1554 sec 232941.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0082918387
VCV xx 0.0001091598 VCV xy 0.0001103042
VCV xz -0.0000253027 VCV yy 0.0004475547
VCV yz -0.0002174203 VCV zz 0.0002075614

GPSVEC TP Point ID 45153 DX -6420.841 DY 1440.001
Class Normal DZ -1876.692 Code EXT-TN
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.3
Horz SD Vert SD
Start wk 1554 sec 232958.4 End wk 1554 sec 232963.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083221253
VCV xx 0.0001098204 VCV xy 0.0001106077
VCV xz -0.0000256106 VCV yy 0.0004504627
VCV yz -0.0002193968 VCV zz 0.0002093581

GPSVEC TP Point ID 45154 DX -6424.303 DY 1442.490
Class Normal DZ -1875.712 Code EXT-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.3
Horz SD Vert SD
Start wk 1554 sec 232976.6 End wk 1554 sec 232981.6
    
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GPSQC2 NM Ttl satellites 6 Err Scale 0.0083292043
VCV xx 0.0001098872 VCV xy 0.0001103765
VCV xz -0.0000257401 VCV yy 0.0004509206
VCV yz -0.0002200521 VCV zz 0.0002099046

GPSVEC TP Point ID 45155 DX -6424.882 DY 1441.909
Class Normal DZ -1876.601 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.6
Horz SD Vert SD
Start wk 1554 sec 232993.6 End wk 1554 sec 232998.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.008335257
VCV xx 0.0001099291 VCV xy 0.0001101341
VCV xz -0.0000258552 VCV yy 0.0004512632
VCV yz -0.0002206258 VCV zz 0.0002103897

GPSVEC TP Point ID 45156 DX -6438.360 DY 1452.636
Class Normal DZ -1871.536 Code EXT-TN
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 233015.8 End wk 1554 sec 233020.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083549973
VCV xx 0.0001102876 VCV xy 0.0001101138
VCV xz -0.000026073 VCV yy 0.0004529561
VCV yz -0.0002219715 VCV zz 0.0002115908

GPSVEC TP Point ID 45157 DX -6441.974 DY 1455.131
Class Normal DZ -1870.494 Code EXT-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 233036.8 End wk 1554 sec 233041.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083701871
VCV xx 0.0001105232 VCV xy 0.0001099932
VCV xz -0.0000262536 VCV yy 0.0004541229
VCV yz -0.0002230355 VCV zz 0.0002125561

GPSVEC TP Point ID 45158 DX -6442.344 DY 1454.858
Class Normal DZ -1871.006 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 233061.8 End wk 1554 sec 233066.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083780708
VCV xx 0.0001105257 VCV xy 0.0001095623
VCV xz -0.0000264015 VCV yy 0.0004543636
VCV yz -0.0002237282 VCV zz 0.0002131587

GPSVEC TP Point ID 45159 DX -6443.383 DY 1453.850
Class Normal DZ -1871.985 Code DS-9\R-57-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 233089.2 End wk 1554 sec 233094.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0083947023
VCV xx 0.0001107268 VCV xy 0.0001092889
VCV xz -0.000026607 VCV yy 0.000455427
VCV yz -0.0002248616 VCV zz 0.0002141893

GPSVEC TP Point ID 45160 DX -6446.308 DY 1450.831
Class Normal DZ -1874.555 Code DS-9\R-57-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 2.6
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.5
Horz SD Vert SD
Start wk 1554 sec 233108.2 End wk 1554 sec 233113.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.008390611
VCV xx 0.0001104499 VCV xy 0.0001086931
VCV xz -0.0000266504 VCV yy 0.0004544388
VCV yz -0.0002248013 VCV zz 0.0002141268
    
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GPSVEC TP Point ID 45161      DX  -6455.650      DY  1465.419
        Class Normal      DZ  -1865.799      Code EXT-TN
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 15.4
        Horz SD      Vert SD
        Start wk 1554 sec 233136.6      End wk 1554 sec 233142.4

GPSQC2 NM Ttl satellites 6      Err Scale 0.0083884858
        VCV xx 0.0001101189      VCV xy 0.0001078488
        VCV xz -0.0000267318      VCV yy 0.0004533307
        VCV yz -0.0002248645      VCV zz 0.0002141324

GPSVEC TP Point ID 45162      DX  -6459.402      DY  1468.134
        Class Normal      DZ  -1864.795      Code EXT-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 5      VDOP max 2.2
        Monitor status Not monitored      RMS 13.7
        Horz SD      Vert SD
        Start wk 1554 sec 233155.4      End wk 1554 sec 233160.4

GPSQC2 NM Ttl satellites 6      Err Scale 0.0083821248
        VCV xx 0.0001097763      VCV xy 0.0001072109
        VCV xz -0.0000267514      VCV yy 0.0004520387
        VCV yz -0.0002246135      VCV zz 0.0002139109

GPSVEC TP Point ID 45163      DX  -6459.847      DY  1467.734
        Class Normal      DZ  -1865.420      Code TOE-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.061

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 13.7
        Horz SD      Vert SD
        Start wk 1554 sec 233179.6      End wk 1554 sec 233184.6

GPSQC2 NM Ttl satellites 6      Err Scale 0.0084097283
        VCV xx 0.0001102596      VCV xy 0.0001072549
        VCV xz -0.000027019      VCV yy 0.0004541496
        VCV yz -0.0002262051      VCV zz 0.0002154616

GPSVEC TP Point ID 45164      DX  -6473.142      DY  1478.374
        Class Normal      DZ  -1860.665      Code EXT-TN
        Obs L1 Fixed      H.pr 0.037      V.pr 0.061

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 17.2
        Horz SD      Vert SD
        Start wk 1554 sec 233202.6      End wk 1554 sec 233207.8

GPSQC2 NM Ttl satellites 6      Err Scale 0.0084240139
        VCV xx 0.0001103939      VCV xy 0.000106979
        VCV xz -0.0000271851      VCV yy 0.0004548316
        VCV yz -0.0002270192      VCV zz 0.00021625

GPSVEC TP Point ID 45165      DX  -6477.087      DY  1481.058
        Class Normal      DZ  -1859.443      Code EXT-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 7      VDOP max 2.2
        Monitor status Not monitored      RMS 13.7
        Horz SD      Vert SD
        Start wk 1554 sec 233228.2      End wk 1554 sec 233234.0

GPSQC2 NM Ttl satellites 6      Err Scale 0.008420622
        VCV xx 0.0001100343      VCV xy 0.0001061904
        VCV xz -0.0000272334      VCV yy 0.000453509
        VCV yz -0.0002268439      VCV zz 0.0002160917

GPSVEC TP Point ID 45166      DX  -6477.180      DY  1481.016
        Class Normal      DZ  -1859.602      Code TOE-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060

GPSQC1 NM Min SVs          6      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 17.2
        Horz SD      Vert SD
        Start wk 1554 sec 233249.2      End wk 1554 sec 233254.2

GPSQC2 NM Ttl satellites 6      Err Scale 0.0084216967
        VCV xx 0.0001098405      VCV xy 0.0001056653
        VCV xz -0.0000273081      VCV yy 0.0004527689
        VCV yz -0.0002269077      VCV zz 0.0002162387

GPSVEC TP Point ID 45167      DX  -6479.592      DY  1482.840
        Class Normal      DZ  -1858.750      Code EXT
        Obs L1 Fixed      H.pr 0.037      V.pr 0.061
    
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GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk 1554 sec	233269.2	End wk 1554 sec	233274.2
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0084476657
		VCV xx	0.0001102938	VCV xy	0.0001057498
		VCV xz	-0.0000275496	VCV yy	0.0004546624
		VCV yz	-0.0002282994	VCV zz	0.0002176646
GPSVEC	TP	Point ID 45168	DX -6483.719	DY	1485.725
		Class Normal	DZ -1857.387	Code	EXT
		Obs L1 Fixed	H.pr 0.037	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.5
		Horz SD		Vert SD	
		Start wk 1554 sec	233285.2	End wk 1554 sec	233290.2
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0084256735
		VCV xx	0.0001095455	VCV xy	0.0001047676
		VCV xz	-0.0000274418	VCV yy	0.0004516642
		VCV yz	-0.0002270542	VCV zz	0.0002164835
GPSVEC	TP	Point ID 45169	DX -6485.411	DY	1486.777
		Class Normal	DZ -1856.896	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1554 sec	233304.4	End wk 1554 sec	233309.4
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0084185246
		VCV xx	0.0001091358	VCV xy	0.0001040476
		VCV xz	-0.000027442	VCV yy	0.0004500546
		VCV yz	-0.0002265836	VCV zz	0.0002160735
GPSVEC	TP	Point ID 45170	DX -6485.721	DY	1486.414
		Class Normal	DZ -1857.518	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1554 sec	233327.6	End wk 1554 sec	233332.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0084360605
		VCV xx	0.0001093355	VCV xy	0.0001038437
		VCV xz	-0.0000276244	VCV yy	0.0004509221
		VCV yz	-0.0002274387	VCV zz	0.0002169641
GPSVEC	TP	Point ID 45171	DX -6490.848	DY	1490.111
		Class Normal	DZ -1856.053	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.037	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	13.8
		Horz SD		Vert SD	
		Start wk 1554 sec	233348.8	End wk 1554 sec	233353.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0084496001
		VCV xx	0.0001094316	VCV xy	0.0001035791
		VCV xz	-0.000027769	VCV yy	0.0004513453
		VCV yz	-0.0002280287	VCV zz	0.0002176116
GPSVEC	TP	Point ID 45172	DX -6504.560	DY	1497.927
		Class Normal	DZ -1854.211	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.061
GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.3
		Horz SD		Vert SD	
		Start wk 1554 sec	233375.8	End wk 1554 sec	233380.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0085005248
		VCV xx	0.0001104384	VCV xy	0.000104053
		VCV xz	-0.0000281933	VCV yy	0.0004554815
		VCV yz	-0.0002306245	VCV zz	0.0002202253
GPSVEC	TP	Point ID 45173	DX -6504.794	DY	1497.643
		Class Normal	DZ -1854.755	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.6
		Horz SD		Vert SD	
		Start wk 1554 sec	233393.8	End wk 1554 sec	233398.8

GPSQC2	NM	Ttl satellites 6		Err Scale 0.008497634
		VCV xx 0.0001101407		VCV xy 0.0001034741
		VCV xz -0.0000282202		VCV yy 0.0004542525
		VCV yz -0.0002303168		VCV zz 0.0002200339
GPSVEC	TP	Point ID 45174	DX -6510.268	DY 1500.913
		Class Normal	DZ -1853.868	Code EXT-TN
		Obs L1 Fixed	H.pr 0.038	V.pr 0.060
GPSQC1	NM	Min SVs 6		PDOP max 2.6
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 17.4
		Horz SD		Vert SD
		Start wk 1554 sec 233416.0		End wk 1554 sec 233421.0
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0085038235
		VCV xx 0.0001100296		VCV xy 0.0001029963
		VCV xz -0.0000283194		VCV yy 0.0004537754
		VCV yz -0.000230445		VCV zz 0.0002202747
GPSVEC	TP	Point ID 45175	DX -6515.482	DY 1503.685
		Class Normal	DZ -1853.525	Code DS-?
		Obs L1 Fixed	H.pr 0.038	V.pr 0.060
GPSQC1	NM	Min SVs 6		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.4
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 14.2
		Horz SD		Vert SD
		Start wk 1554 sec 233458.2		End wk 1554 sec 233463.2
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0085304743
		VCV xx 0.0001101899		VCV xy 0.0001024081
		VCV xz -0.0000286098		VCV yy 0.0004543545
		VCV yz -0.0002314014		VCV zz 0.0002213975
GPSVEC	TP	Point ID 45176	DX -6520.152	DY 1506.067
		Class Normal	DZ -1853.258	Code DS-?
		Obs L1 Fixed	H.pr 0.038	V.pr 0.060
GPSQC1	NM	Min SVs 6		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.4
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 14.2
		Horz SD		Vert SD
		Start wk 1554 sec 233472.2		End wk 1554 sec 233477.2
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0085324086
		VCV xx 0.0001100533		VCV xy 0.0001020628
		VCV xz -0.000028652		VCV yy 0.0004537609
		VCV yz -0.0002313319		VCV zz 0.0002214523
GPSVEC	TP	Point ID 45177	DX -6517.787	DY 1504.805
		Class Normal	DZ -1853.490	Code DS-16\R-60
		Obs L1 Fixed	H.pr 0.038	V.pr 0.060
GPSQC1	NM	Min SVs 6		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.4
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 14.2
		Horz SD		Vert SD
		Start wk 1554 sec 233495.4		End wk 1554 sec 233500.4
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0085284617
		VCV xx 0.0001096439		VCV xy 0.0001012782
		VCV xz -0.0000286843		VCV yy 0.0004519838
		VCV yz -0.0002307936		VCV zz 0.000221107
GPSVEC	TP	Point ID 45178	DX -6523.764	DY 1507.933
		Class Normal	DZ -1853.049	Code R-58-EXT
		Obs L1 Fixed	H.pr 0.038	V.pr 0.060
GPSQC1	NM	Min SVs 6		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.4
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 13.9
		Horz SD		Vert SD
		Start wk 1554 sec 233519.4		End wk 1554 sec 233524.4
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0085431617
		VCV xx 0.0001097113		VCV xy 0.0001009311
		VCV xz -0.0000288459		VCV yy 0.0004521598
		VCV yz -0.0002312408		VCV zz 0.0002217056
GPSVEC	TP	Point ID 45179	DX -6524.876	DY 1507.790
		Class Normal	DZ -1853.724	Code R-58-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.060
GPSQC1	NM	Min SVs 6		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.4
		Total GPS pos 6		VDOP max 2.1
		Monitor status Not monitored		RMS 15.7
		Horz SD		Vert SD
		Start wk 1554 sec 233537.6		End wk 1554 sec 233542.6
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0085664103
		VCV xx 0.0001100704		VCV xy 0.0001009614
		VCV xz -0.000029047		VCV yy 0.0004535512
		VCV yz -0.0002322207		VCV zz 0.0002227948

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GPSVEC TP Point ID 45180      DX -6524.606      DY 1508.077
        Class Normal      DZ -1853.381      Code R-58-TOE
        Obs L1 Fixed      H.pr 0.038      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 7        VDOP max 2.1
        Monitor status Not monitored RMS 14.0
        Horz SD              Vert SD
        Start wk 1554 sec 233556.8 End wk 1554 sec 233562.6

GPSQC2 NM Ttl satellites 6      Err Scale 0.0085599832
        VCV xx 0.0001096432    VCV xy 0.0001002421
        VCV xz -0.0000290428   VCV yy 0.0004517086
        VCV yz -0.000231531    VCV zz 0.000222269

GPSVEC TP Point ID 45181      DX -6526.613      DY 1509.416
        Class Normal      DZ -1852.913      Code R-58-EXT
        Obs L1 Fixed      H.pr 0.038      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.1
        Monitor status Not monitored RMS 17.5
        Horz SD              Vert SD
        Start wk 1554 sec 233574.6 End wk 1554 sec 233579.8

GPSQC2 NM Ttl satellites 6      Err Scale 0.0085669253
        VCV xx 0.0001095986    VCV xy 0.0000999231
        VCV xz -0.0000291393   VCV yy 0.0004513954
        VCV yz -0.00023165     VCV zz 0.0002225825

GPSVEC TP Point ID 45182      DX -6530.018      DY 1511.213
        Class Normal      DZ -1852.636      Code EXT-TN
        Obs L1 Fixed      H.pr 0.038      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.1
        Monitor status Not monitored RMS 17.5
        Horz SD              Vert SD
        Start wk 1554 sec 233591.8 End wk 1554 sec 233596.8

GPSQC2 NM Ttl satellites 6      Err Scale 0.0085844547
        VCV xx 0.0001098072    VCV xy 0.000099831
        VCV xz -0.0000292973   VCV yy 0.0004521344
        VCV yz -0.0002322674   VCV zz 0.0002233372

GPSVEC TP Point ID 45183      DX -6544.210      DY 1518.908
        Class Normal      DZ -1851.606      Code EXT-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.1
        Monitor status Not monitored RMS 15.8
        Horz SD              Vert SD
        Start wk 1554 sec 233615.0 End wk 1554 sec 233620.0

GPSQC2 NM Ttl satellites 6      Err Scale 0.0086110756
        VCV xx 0.0001101898    VCV xy 0.0000997962
        VCV xz -0.0000295385   VCV yy 0.000453532
        VCV yz -0.0002332967   VCV zz 0.0002245509

GPSVEC TP Point ID 45184      DX -6544.536      DY 1518.450
        Class Normal      DZ -1852.273      Code TOE-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.1
        Monitor status Not monitored RMS 14.0
        Horz SD              Vert SD
        Start wk 1554 sec 233635.0 End wk 1554 sec 233640.0

GPSQC2 NM Ttl satellites 6      Err Scale 0.0086309686
        VCV xx 0.0001104243    VCV xy 0.0000996805
        VCV xz -0.0000297221   VCV yy 0.0004543301
        VCV yz -0.0002339756   VCV zz 0.0002254169

GPSVEC TP Point ID 45185      DX -6549.651      DY 1522.043
        Class Normal      DZ -1851.005      Code EXT-TN
        Obs L1 Fixed      H.pr 0.038      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.1
        Monitor status Not monitored RMS 14.1
        Horz SD              Vert SD
        Start wk 1554 sec 233654.0 End wk 1554 sec 233659.2

GPSQC2 NM Ttl satellites 6      Err Scale 0.0086409878
        VCV xx 0.0001104053    VCV xy 0.0000993531
        VCV xz -0.0000298323   VCV yy 0.0004540789
        VCV yz -0.0002340969   VCV zz 0.000225746

GPSVEC TP Point ID 45186      DX -6563.227      DY 1529.121
        Class Normal      DZ -1850.037      Code R-?-EXT
        Obs L1 Fixed      H.pr 0.038      V.pr 0.060
    
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GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.4
Horz SD Vert SD
Start wk 1554 sec 233678.2 End wk 1554 sec 233683.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.008658357
VCV xx 0.0001105197 VCV xy 0.0000990356
VCV xz -0.0000300201 VCV yy 0.0004542914
VCV yz -0.0002345189 VCV zz 0.0002264271

GPSVEC TP Point ID 45187 DX -6564.472 DY 1528.808
Class Normal DZ -1850.889 Code R-?-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 233700.4 End wk 1554 sec 233705.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0086561488
VCV xx 0.0001101647 VCV xy 0.0000983353
VCV xz -0.0000300534 VCV yy 0.0004526181
VCV yz -0.0002338884 VCV zz 0.0002260341

GPSVEC TP Point ID 45188 DX -6564.166 DY 1529.169
Class Normal DZ -1850.452 Code R-?-TOE
Obs L1 Fixed H.pr 0.038 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 17.6
Horz SD Vert SD
Start wk 1554 sec 233714.4 End wk 1554 sec 233719.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0086722542
VCV xx 0.0001103706 VCV xy 0.0000983147
VCV xz -0.0000302019 VCV yy 0.0004532837
VCV yz -0.0002344432 VCV zz 0.0002267981

GPSVEC TP Point ID 45189 DX -6565.766 DY 1530.365
Class Normal DZ -1849.819 Code R-?-EXT
Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 233732.6 End wk 1554 sec 233737.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0086813234
VCV xx 0.0001103521 VCV xy 0.0000979983
VCV xz -0.0000303121 VCV yy 0.0004529836
VCV yz -0.0002344998 VCV zz 0.0002270784

GPSVEC TP Point ID 45190 DX -6569.454 DY 1532.343
Class Normal DZ -1849.642 Code EXT-TN
Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.2
Horz SD Vert SD
Start wk 1554 sec 233749.6 End wk 1554 sec 233754.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0086922385
VCV xx 0.0001103789 VCV xy 0.0000977417
VCV xz -0.000030428 VCV yy 0.0004528742
VCV yz -0.0002346398 VCV zz 0.0002274371

GPSVEC TP Point ID 45191 DX -6583.812 DY 1539.972
Class Normal DZ -1848.774 Code EXT-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 233785.6 End wk 1554 sec 233790.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0087068621
VCV xx 0.0001102612 VCV xy 0.0000970263
VCV xz -0.0000306244 VCV yy 0.0004519095
VCV yz -0.0002344844 VCV zz 0.0002277017

GPSVEC TP Point ID 45192 DX -6583.952 DY 1539.860
Class Normal DZ -1849.010 Code TOE-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 12 VDOP max 2.1
Monitor status Not monitored RMS 14.2
Horz SD Vert SD
Start wk 1554 sec 233810.8 End wk 1554 sec 233821.8
    
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GPSQC2 NM Ttl satellites 6 Err Scale 0.0086809285
          VCV xx 0.0001091886 VCV xy 0.0000956084
          VCV xz -0.0000304895 VCV yy 0.0004471619
          VCV yz -0.0002322635 VCV zz 0.0002258999

GPSVEC TP Point ID 45193 DX -6584.695 DY 1538.700
          Class Normal DZ -1850.044 Code DS-12\R-59-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 14.2
          Horz SD Vert SD
          Start wk 1554 sec 233843.0 End wk 1554 sec 233848.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0087163579
          VCV xx 0.000109703 VCV xy 0.0000956415
          VCV xz -0.0000308232 VCV yy 0.0004487802
          VCV yz -0.0002334647 VCV zz 0.0002275838

GPSVEC TP Point ID 45194 DX -6586.844 DY 1535.241
          Class Normal DZ -1852.616 Code DS-12\R-59-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 14.2
          Horz SD Vert SD
          Start wk 1554 sec 233864.0 End wk 1554 sec 233869.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0087236622
          VCV xx 0.0001095782 VCV xy 0.0000951949
          VCV xz -0.0000309309 VCV yy 0.0004479036
          VCV yz -0.0002332276 VCV zz 0.0002276971

GPSVEC TP Point ID 45195 DX -6589.104 DY 1543.107
          Class Normal DZ -1848.065 Code EXT-TN
          Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 14.3
          Horz SD Vert SD
          Start wk 1554 sec 233885.0 End wk 1554 sec 233890.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.008739342
          VCV xx 0.0001096919 VCV xy 0.0000949565
          VCV xz -0.0000311058 VCV yy 0.0004479887
          VCV yz -0.0002334817 VCV zz 0.0002282979

GPSVEC TP Point ID 45196 DX -6603.550 DY 1550.530
          Class Normal DZ -1846.967 Code EXT-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 18.1
          Horz SD Vert SD
          Start wk 1554 sec 233906.2 End wk 1554 sec 233911.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0087727113
          VCV xx 0.000110216 VCV xy 0.0000950699
          VCV xz -0.0000314089 VCV yy 0.000449692
          VCV yz -0.0002346145 VCV zz 0.0002298258

GPSVEC TP Point ID 45197 DX -6603.794 DY 1550.096
          Class Normal DZ -1847.607 Code TOE-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 16.1
          Horz SD Vert SD
          Start wk 1554 sec 233932.4 End wk 1554 sec 233937.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0087666595
          VCV xx 0.0001097161 VCV xy 0.0000941967
          VCV xz -0.0000314405 VCV yy 0.0004471802
          VCV yz -0.0002334688 VCV zz 0.0002290669

GPSVEC TP Point ID 45198 DX -6609.017 DY 1553.504
          Class Normal DZ -1846.533 Code EXT-TN
          Obs L1 Fixed H.pr 0.039 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 14.4
          Horz SD Vert SD
          Start wk 1554 sec 233951.4 End wk 1554 sec 233956.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0087641282
          VCV xx 0.0001093693 VCV xy 0.0000936047
          VCV xz -0.000031468 VCV yy 0.000445395
          VCV yz -0.0002327076 VCV zz 0.0002286734
    
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GPSVEC	TP	Point ID 45199	DX -6623.223	DY 1561.143
		Class Normal	DZ -1845.495	Code EXT-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.060
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 17.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 233971.6	End wk 1554 sec 233977.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0087754754	
		VCV xx 0.0001093738	VCV xy 0.0000932787	
		VCV xz -0.0000316143	VCV yy 0.0004449775	
		VCV yz -0.0002326694	VCV zz 0.0002290313	
GPSVEC	TP	Point ID 45200	DX -6623.524	DY 1560.733
		Class Normal	DZ -1846.142	Code TOE-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.060
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 234009.6	End wk 1554 sec 234014.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0088186273	
		VCV xx 0.0001099334	VCV xy 0.0000931468	
		VCV xz -0.0000320486	VCV yy 0.00044464122	
		VCV yz -0.0002337019	VCV zz 0.0002307408	
GPSVEC	TP	Point ID 45201	DX -6628.710	DY 1563.966
		Class Normal	DZ -1845.234	Code EXT-TN
		Obs L1 Fixed	H.pr 0.039	V.pr 0.059
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 17.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 234030.6	End wk 1554 sec 234035.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0088187838	
		VCV xx 0.000109657	VCV xy 0.0000925894	
		VCV xz -0.0000321138	VCV yy 0.0004448205	
		VCV yz -0.0002330337	VCV zz 0.0002305131	
GPSVEC	TP	Point ID 45202	DX -6643.280	DY 1571.428
		Class Normal	DZ -1844.452	Code EXT-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.060
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 234054.8	End wk 1554 sec 234059.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0088450219	
		VCV xx 0.0001099759	VCV xy 0.0000924781	
		VCV xz -0.0000323903	VCV yy 0.0004455056	
		VCV yz -0.0002335993	VCV zz 0.0002316175	
GPSVEC	TP	Point ID 45203	DX -6643.530	DY 1571.069
		Class Normal	DZ -1845.053	Code TOE-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.060
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 14.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 234074.8	End wk 1554 sec 234079.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0088630952	
		VCV xx 0.0001101504	VCV xy 0.0000923092	
		VCV xz -0.0000325908	VCV yy 0.0004457134	
		VCV yz -0.000233852	VCV zz 0.0002323009	
GPSVEC	TP	Point ID 45204	DX -6648.719	DY 1574.359
		Class Normal	DZ -1843.973	Code EXT-TN
		Obs L1 Fixed	H.pr 0.039	V.pr 0.059
GPSQC1	NM	Min SVs 6	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 16.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 234096.8	End wk 1554 sec 234101.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.008878517	
		VCV xx 0.0001102288	VCV xy 0.0000920353	
		VCV xz -0.0000327753	VCV yy 0.0004454778	
		VCV yz -0.000233882	VCV zz 0.0002328226	
GPSVEC	TP	Point ID 45205	DX -6667.756	DY 1552.143
		Class Normal	DZ -1864.671	Code P-68
		Obs L1 Fixed	H.pr 0.040	V.pr 0.059

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GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 234126.0 End wk 1554 sec 234131.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089013539
VCV xx 0.0001103877 VCV xy 0.0000917082
VCV xz -0.0000330474 VCV yy 0.0004453421
VCV yz -0.0002339975 VCV zz 0.0002335948

GPSVEC TP Point ID 45206 DX -6659.260 DY 1546.446
Class Normal DZ -1866.354 Code PS
Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 14.5
Horz SD Vert SD
Start wk 1554 sec 234143.0 End wk 1554 sec 234148.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0088964812
VCV xx 0.0001100433 VCV xy 0.0000911719
VCV xz -0.0000330669 VCV yy 0.0004435134
VCV yz -0.0002331513 VCV zz 0.000233163

GPSVEC TP Point ID 45207 DX -6648.136 DY 1540.296
Class Normal DZ -1867.357 Code P-62
Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.3
Horz SD Vert SD
Start wk 1554 sec 234168.0 End wk 1554 sec 234173.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089155464
VCV xx 0.0001101635 VCV xy 0.0000908819
VCV xz -0.0000332997 VCV yy 0.0004432945
VCV yz -0.0002331849 VCV zz 0.0002337969

GPSVEC TP Point ID 45208 DX -6639.556 DY 1535.766
Class Normal DZ -1867.864 Code PS
Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 234187.2 End wk 1554 sec 234192.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.008913029
VCV xx 0.0001098571 VCV xy 0.000090345
VCV xz -0.0000333519 VCV yy 0.000441531
VCV yz -0.0002323709 VCV zz 0.0002334578

GPSVEC TP Point ID 45209 DX -6628.228 DY 1530.754
Class Normal DZ -1867.987 Code P-61
Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 18.4
Horz SD Vert SD
Start wk 1554 sec 234214.4 End wk 1554 sec 234219.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089375023
VCV xx 0.0001100925 VCV xy 0.0000901
VCV xz -0.0000336536 VCV yy 0.0004416344
VCV yz -0.0002325732 VCV zz 0.0002343656

GPSVEC TP Point ID 45210 DX -6619.836 DY 1525.060
Class Normal DZ -1869.337 Code PS
Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1554 sec 234232.6 End wk 1554 sec 234237.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089349607
VCV xx 0.0001097913 VCV xy 0.0000895795
VCV xz -0.000033708 VCV yy 0.0004398802
VCV yz -0.0002317449 VCV zz 0.0002340048

GPSVEC TP Point ID 45211 DX -6609.818 DY 1518.834
Class Normal DZ -1870.471 Code P-59
Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 234251.6 End wk 1554 sec 234256.6
    
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GPSQC2 NM Ttl satellites 6 Err Scale 0.0089263553
          VCV xx 0.000109311 VCV xy 0.0000889084
          VCV xz -0.0000337105 VCV yy 0.0004373874
          VCV yz -0.0002305299 VCV zz 0.0002332885

GPSVEC TP Point ID 45212 DX -6601.197 DY 1513.020
          Class Normal DZ -1871.784 Code PS
          Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.0
          Monitor status Not monitored RMS 18.1
          Horz SD Vert SD
          Start wk 1554 sec 234269.8 End wk 1554 sec 234274.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089276936
          VCV xx 0.0001091107 VCV xy 0.0000884733
          VCV xz -0.0000337996 VCV yy 0.0004360154
          VCV yz -0.0002298939 VCV zz 0.0002331349

GPSVEC TP Point ID 45213 DX -6591.107 DY 1507.820
          Class Normal DZ -1872.328 Code P-58
          Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 7 VDOP max 2.0
          Monitor status Not monitored RMS 16.4
          Horz SD Vert SD
          Start wk 1554 sec 234288.0 End wk 1554 sec 234294.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089160008
          VCV xx 0.0001085991 VCV xy 0.0000877751
          VCV xz -0.0000337934 VCV yy 0.0004333976
          VCV yz -0.0002285755 VCV zz 0.0002322766

GPSVEC TP Point ID 45214 DX -6581.832 DY 1501.936
          Class Normal DZ -1873.482 Code PS
          Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 2.4
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.0
          Monitor status Not monitored RMS 14.6
          Horz SD Vert SD
          Start wk 1554 sec 234307.2 End wk 1554 sec 234312.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089153172
          VCV xx 0.0001083418 VCV xy 0.000087315
          VCV xz -0.0000338599 VCV yy 0.0004317884
          VCV yz -0.0002278341 VCV zz 0.0002320782

GPSVEC TP Point ID 45215 DX -6571.596 DY 1495.871
          Class Normal DZ -1874.563 Code P-57
          Obs L1 Fixed H.pr 0.040 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 2.4
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.0
          Monitor status Not monitored RMS 18.4
          Horz SD Vert SD
          Start wk 1554 sec 234343.2 End wk 1554 sec 234348.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089410273
          VCV xx 0.0001085285 VCV xy 0.0000869083
          VCV xz -0.0000342478 VCV yy 0.0004312745
          VCV yz -0.0002276984 VCV zz 0.0002329652

NOTE TS Time Date 10/20/2009 Time 13:05:50

GPSVEC TP Point ID 45216 DX -6562.753 DY 1490.358
          Class Normal DZ -1875.624 Code PS
          Obs L1 Fixed H.pr 0.040 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 2.4
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.0
          Monitor status Not monitored RMS 16.4
          Horz SD Vert SD
          Start wk 1554 sec 234361.4 End wk 1554 sec 234366.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089441454
          VCV xx 0.0001083478 VCV xy 0.000086492
          VCV xz -0.0000343495 VCV yy 0.0004299165
          VCV yz -0.0002270564 VCV zz 0.000232884

GPSVEC TP Point ID 45217 DX -6552.260 DY 1484.951
          Class Normal DZ -1876.175 Code P-55
          Obs L1 Fixed H.pr 0.040 V.pr 0.058

GPSQC1 NM Min SVs 6 PDOP max 2.4
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.0
          Monitor status Not monitored RMS 18.2
          Horz SD Vert SD
          Start wk 1554 sec 234380.4 End wk 1554 sec 234385.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0089429496
          VCV xx 0.000108101 VCV xy 0.0000860151
          VCV xz -0.0000344421 VCV yy 0.000428264
          VCV yz -0.0002262524 VCV zz 0.0002326409
    
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GPSVEC	TP	Point ID 45218	DX -6543.140	DY 1479.656
		Class Normal	DZ -1877.023	Code PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.058
GPSQC1	NM	Min SVs 6	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 16.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 234400.4	End wk 1554 sec 234405.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.00894826	
		VCV xx 0.0001079855	VCV xy 0.000085631	
		VCV xz -0.0000345889	VCV yy 0.0004270927	
		VCV yz -0.000225702	VCV zz 0.000232695	
GPSVEC	TP	Point ID 45219	DX -6532.849	DY 1473.993
		Class Normal	DZ -1877.685	Code P-54
		Obs L1 Fixed	H.pr 0.040	V.pr 0.058
GPSQC1	NM	Min SVs 6	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 18.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 234419.6	End wk 1554 sec 234424.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.008951108	
		VCV xx 0.0001078089	VCV xy 0.0000852164	
		VCV xz -0.0000347065	VCV yy 0.0004257082	
		VCV yz -0.0002250313	VCV zz 0.0002326057	
GPSVEC	TP	Point ID 45220	DX -6523.749	DY 1468.588
		Class Normal	DZ -1878.698	Code PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 17.8	
		Horz SD	Vert SD	
		Start wk 1554 sec 234440.6	End wk 1554 sec 234445.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0087653613	
		VCV xx 0.0001037065	VCV xy 0.0000778818	
		VCV xz -0.0000270202	VCV yy 0.0004120596	
		VCV yz -0.0002105125	VCV zz 0.0002168478	
GPSVEC	TP	Point ID 45221	DX -6513.226	DY 1462.372
		Class Normal	DZ -1880.295	Code P-53
		Obs L1 Fixed	H.pr 0.039	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 17.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 234460.8	End wk 1554 sec 234465.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0088132219	
		VCV xx 0.0001045027	VCV xy 0.0000791295	
		VCV xz -0.0000290305	VCV yy 0.0004135796	
		VCV yz -0.0002131046	VCV zz 0.0002204978	
GPSVEC	TP	Point ID 45222	DX -6504.327	DY 1457.769
		Class Normal	DZ -1881.596	Code PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 18.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 234481.8	End wk 1554 sec 234486.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.008847056	
		VCV xx 0.0001049591	VCV xy 0.0000799158	
		VCV xz -0.0000306297	VCV yy 0.0004139082	
		VCV yz -0.0002147235	VCV zz 0.0002231267	
GPSVEC	TP	Point ID 45223	DX -6502.008	DY 1455.778
		Class Normal	DZ -1882.534	Code PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 234496.8	End wk 1554 sec 234501.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0088710915	
		VCV xx 0.0001053047	VCV xy 0.000080395	
		VCV xz -0.0000315677	VCV yy 0.0004143273	
		VCV yz -0.000215787	VCV zz 0.0002249544	
GPSVEC	TP	Point ID 45224	DX -6503.156	DY 1456.641
		Class Normal	DZ -1882.214	Code P-52
		Obs L1 Fixed	H.pr 0.039	V.pr 0.057

GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	18.0
		Horz SD		Vert SD	
		Start wk 1554 sec	234513.8	End wk 1554 sec	234518.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0088648871
		VCV xx	0.0001049037	VCV xy	0.0000802024
		VCV xz	-0.000032203	VCV yy	0.0004118433
		VCV yz	-0.0002151704	VCV zz	0.000224951
GPSVEC	TP	Point ID 45225		DY	1445.218
		Class Normal		Code	R-?-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.057
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	18.1
		Horz SD		Vert SD	
		Start wk 1554 sec	234543.0	End wk 1554 sec	234548.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0088972813
		VCV xx	0.0001052963	VCV xy	0.0000805646
		VCV xz	-0.0000334209	VCV yy	0.0004118389
		VCV yz	-0.0002161225	VCV zz	0.0002271167
GPSVEC	TP	Point ID 45226		DY	1447.118
		Class Normal		Code	R-?-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.057
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	7	VDOP max	2.0
		Monitor status	Not monitored	RMS	14.9
		Horz SD		Vert SD	
		Start wk 1554 sec	234556.4	End wk 1554 sec	234562.4
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0088783568
		VCV xx	0.0001046339	VCV xy	0.0000800288
		VCV xz	-0.0000336056	VCV yy	0.0004086138
		VCV yz	-0.000214746	VCV zz	0.0002262146
GPSVEC	TP	Point ID 45227		DY	1446.947
		Class Normal		Code	R-?-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.057
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	16.3
		Horz SD		Vert SD	
		Start wk 1554 sec	234567.4	End wk 1554 sec	234572.4
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0088834809
		VCV xx	0.0001046147	VCV xy	0.0000799968
		VCV xz	-0.0000338545	VCV yy	0.0004080718
		VCV yz	-0.0002146947	VCV zz	0.0002266154
GPSVEC	TP	Point ID 45228		DY	1450.249
		Class Normal		Code	P-49
		Obs L1 Fixed	H.pr 0.035	V.pr	0.060
GPSQC1	NM	Min SVs	5	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.4
		Monitor status	Not monitored	RMS	11.9
		Horz SD		Vert SD	
		Start wk 1554 sec	234615.6	End wk 1554 sec	234620.6
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0077459668
		VCV xx	0.0001068356	VCV xy	0.0000827487
		VCV xz	-0.0000381912	VCV yy	0.0004131358
		VCV yz	-0.0002209056	VCV zz	0.0002356345
GPSVEC	TP	Point ID 45229		DY	1443.811
		Class Normal		Code	PS
		Obs L1 Fixed	H.pr 0.035	V.pr	0.061
GPSQC1	NM	Min SVs	5	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.5
		Monitor status	Not monitored	RMS	15.5
		Horz SD		Vert SD	
		Start wk 1554 sec	234640.8	End wk 1554 sec	234645.8
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0077459668
		VCV xx	0.0001087181	VCV xy	0.0000853814
		VCV xz	-0.0000417904	VCV yy	0.0004180292
		VCV yz	-0.0002266436	VCV zz	0.0002434337
GPSVEC	TP	Point ID 45230		DY	1437.085
		Class Normal		Code	P-48
		Obs L1 Fixed	H.pr 0.035	V.pr	0.061
GPSQC1	NM	Min SVs	5	PDOP max	2.9
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.5
		Monitor status	Not monitored	RMS	12.1
		Horz SD		Vert SD	
		Start wk 1554 sec	234666.0	End wk 1554 sec	234671.0

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GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001097045 VCV xy 0.0000868174
VCV xz -0.0000442196 VCV yy 0.0004199023
VCV yz -0.000229769 VCV zz 0.0002482529

GPSVEC TP Point ID 45231 DX -6465.970 DY 1431.065
Class Normal DZ -1893.107 Code PS
Obs L1 Fixed H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.9
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 12.1
Horz SD Vert SD
Start wk 1554 sec 234684.0 End wk 1554 sec 234689.0

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001096464 VCV xy 0.0000870274
VCV xz -0.0000452375 VCV yy 0.0004185716
VCV yz -0.0002300901 VCV zz 0.0002495784

GPSVEC TP Point ID 45232 DX -6456.302 DY 1424.762
Class Normal DZ -1895.805 Code P-47
Obs L1 Fixed H.pr 0.035 V.pr 0.062

GPSQC1 NM Min SVs 5 PDOP max 2.9
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 12.1
Horz SD Vert SD
Start wk 1554 sec 234701.2 End wk 1554 sec 234706.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.000110079 VCV xy 0.0000875213
VCV xz -0.0000462474 VCV yy 0.000419207
VCV yz -0.0002312731 VCV zz 0.0002518415

GPSVEC TP Point ID 45233 DX -6448.617 DY 1418.433
Class Normal DZ -1898.791 Code PS
Obs L1 Fixed H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.9
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 234719.4 End wk 1554 sec 234724.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001096767 VCV xy 0.0000872168
VCV xz -0.0000467853 VCV yy 0.0004166597
VCV yz -0.0002304719 VCV zz 0.000251873

GPSVEC TP Point ID 45234 DX -6438.615 DY 1412.227
Class Normal DZ -1900.955 Code P-46
Obs L1 Fixed H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.5
Monitor status Not monitored RMS 13.9
Horz SD Vert SD
Start wk 1554 sec 234738.8 End wk 1554 sec 234744.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001094314 VCV xy 0.0000869567
VCV xz -0.0000472785 VCV yy 0.0004147164
VCV yz -0.0002298677 VCV zz 0.0002521667

GPSVEC TP Point ID 45235 DX -6430.211 DY 1406.311
Class Normal DZ -1903.222 Code PS
Obs L1 Fixed H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.5
Monitor status Not monitored RMS 13.9
Horz SD Vert SD
Start wk 1554 sec 234758.0 End wk 1554 sec 234763.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001098219 VCV xy 0.0000871565
VCV xz -0.0000479258 VCV yy 0.0004152227
VCV yz -0.0002305192 VCV zz 0.0002538967

GPSVEC TP Point ID 45236 DX -6419.664 DY 1400.527
Class Normal DZ -1904.707 Code P-34
Obs L1 Fixed H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 14.0
Horz SD Vert SD
Start wk 1554 sec 234782.0 End wk 1554 sec 234787.0

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001096953 VCV xy 0.0000868425
VCV xz -0.0000483255 VCV yy 0.0004136313
VCV yz -0.0002299047 VCV zz 0.0002543694
    
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GPSVEC TP Point ID 45237      DX -6412.037      DY 1394.058
        Class Normal        DZ -1907.075      Code PS
        Obs L1 Fixed        H.pr 0.035      V.pr 0.061

GPSQC1 NM Min SVs          5                PDOP max 2.8
        Relative DOPs Yes    HDOP max 1.4
        Total GPS pos 6      VDOP max 2.5
        Monitor status Not monitored RMS 14.0
        Horz SD              Vert SD
        Start wk 1554 sec 234801.0 End wk 1554 sec 234806.0

GPSQC2 NM Ttl satellites 5      Err Scale 0.0077459668
        VCV xx 0.0001095104 VCV xy 0.000086485
        VCV xz -0.0000485422 VCV yy 0.0004120544
        VCV yz -0.0002291613 VCV zz 0.0002544996

GPSVEC TP Point ID 45238      DX -6403.365      DY 1389.789
        Class Normal        DZ -1907.721      Code P-33
        Obs L1 Fixed        H.pr 0.035      V.pr 0.061

GPSQC1 NM Min SVs          5                PDOP max 2.8
        Relative DOPs Yes    HDOP max 1.4
        Total GPS pos 6      VDOP max 2.4
        Monitor status Not monitored RMS 14.2
        Horz SD              Vert SD
        Start wk 1554 sec 234818.2 End wk 1554 sec 234823.2

GPSQC2 NM Ttl satellites 5      Err Scale 0.0077459668
        VCV xx 0.0001096679 VCV xy 0.0000864048
        VCV xz -0.0000488464 VCV yy 0.0004118349
        VCV yz -0.0002291352 VCV zz 0.0002554065

GPSVEC TP Point ID 45239      DX -6397.231      DY 1386.611
        Class Normal        DZ -1908.203      Code PS
        Obs L1 Fixed        H.pr 0.035      V.pr 0.061

GPSQC1 NM Min SVs          5                PDOP max 2.8
        Relative DOPs Yes    HDOP max 1.4
        Total GPS pos 6      VDOP max 2.4
        Monitor status Not monitored RMS 14.0
        Horz SD              Vert SD
        Start wk 1554 sec 234833.4 End wk 1554 sec 234838.4

GPSQC2 NM Ttl satellites 5      Err Scale 0.0077459668
        VCV xx 0.0001089844 VCV xy 0.0000856382
        VCV xz -0.0000487255 VCV yy 0.0004085495
        VCV yz -0.0002273038 VCV zz 0.0002541079

GPSVEC TP Point ID 45240      DX -6386.175      DY 1381.281
        Class Normal        DZ -1908.720      Code P-20
        Obs L1 Fixed        H.pr 0.035      V.pr 0.061

GPSQC1 NM Min SVs          5                PDOP max 2.8
        Relative DOPs Yes    HDOP max 1.4
        Total GPS pos 6      VDOP max 2.4
        Monitor status Not monitored RMS 12.3
        Horz SD              Vert SD
        Start wk 1554 sec 234859.6 End wk 1554 sec 234864.6

GPSQC2 NM Ttl satellites 5      Err Scale 0.0077459668
        VCV xx 0.0001090773 VCV xy 0.0000853053
        VCV xz -0.0000490538 VCV yy 0.0004076267
        VCV yz -0.000226761 VCV zz 0.000254836

GPSVEC TP Point ID 45241      DX -6377.232      DY 1376.298
        Class Normal        DZ -1909.494      Code PS
        Obs L1 Fixed        H.pr 0.035      V.pr 0.061

GPSQC1 NM Min SVs          5                PDOP max 2.8
        Relative DOPs Yes    HDOP max 1.4
        Total GPS pos 6      VDOP max 2.4
        Monitor status Not monitored RMS 14.0
        Horz SD              Vert SD
        Start wk 1554 sec 234879.8 End wk 1554 sec 234884.8

GPSQC2 NM Ttl satellites 5      Err Scale 0.0077459668
        VCV xx 0.0001090251 VCV xy 0.0000849466
        VCV xz -0.0000492144 VCV yy 0.0004064843
        VCV yz -0.0002260633 VCV zz 0.0002550946

GPSVEC TP Point ID 45242      DX -6364.690      DY 1369.899
        Class Normal        DZ -1910.153      Code P-18
        Obs L1 Fixed        H.pr 0.035      V.pr 0.061

GPSQC1 NM Min SVs          5                PDOP max 2.8
        Relative DOPs Yes    HDOP max 1.4
        Total GPS pos 7      VDOP max 2.4
        Monitor status Not monitored RMS 15.8
        Horz SD              Vert SD
        Start wk 1554 sec 234907.0 End wk 1554 sec 234912.8

GPSQC2 NM Ttl satellites 5      Err Scale 0.0077459668
        VCV xx 0.0001085013 VCV xy 0.0000840689
        VCV xz -0.0000492094 VCV yy 0.0004032136
        VCV yz -0.000224092 VCV zz 0.0002542855

GPSVEC TP Point ID 45243      DX -6357.512      DY 1365.893
        Class Normal        DZ -1910.655      Code PS
        Obs L1 Fixed        H.pr 0.035      V.pr 0.061
    
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GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.4
Monitor status Not monitored RMS 14.0
Horz SD Vert SD
Start wk 1554 sec 234927.0 End wk 1554 sec 234932.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001077723 VCV xy 0.0000831947
VCV xz -0.0000490109 VCV yy 0.0003996292
VCV yz -0.0002219867 VCV zz 0.000252946

GPSVECTP Point ID 45244 DX -6347.373 DY 1360.675
Class Normal DZ -1911.176 Code P-17
Obs L1 Fixed H.pr 0.035 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 12.3
Horz SD Vert SD
Start wk 1554 sec 234949.2 End wk 1554 sec 234954.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001083928 VCV xy 0.0000833331
VCV xz -0.0000494396 VCV yy 0.00040089
VCV yz -0.0002225754 VCV zz 0.000254888

GPSVECTP Point ID 45245 DX -6336.946 DY 1356.665
Class Normal DZ -1910.884 Code PS
Obs L1 Fixed H.pr 0.035 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 14.1
Horz SD Vert SD
Start wk 1554 sec 234984.4 End wk 1554 sec 234989.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001081595 VCV xy 0.000082495
VCV xz -0.0000495997 VCV yy 0.0003982122
VCV yz -0.0002207716 VCV zz 0.0002547663

GPSVECTP Point ID 45246 DX -6325.160 DY 1351.913
Class Normal DZ -1910.706 Code P-16
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 235049.6 End wk 1554 sec 235054.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001078911 VCV xy 0.0000811125
VCV xz -0.0000499388 VCV yy 0.0003939218
VCV yz -0.0002177526 VCV zz 0.0002549864

GPSVECTP Point ID 45247 DX -6316.436 DY 1347.451
Class Normal DZ -1911.204 Code PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 14.2
Horz SD Vert SD
Start wk 1554 sec 235068.0 End wk 1554 sec 235073.0

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001079007 VCV xy 0.0000808319
VCV xz -0.0000500494 VCV yy 0.0003930879
VCV yz -0.0002171215 VCV zz 0.0002553804

GPSVECTP Point ID 45248 DX -6304.864 DY 1342.384
Class Normal DZ -1911.119 Code P-15
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 14.2
Horz SD Vert SD
Start wk 1554 sec 235089.0 End wk 1554 sec 235094.0

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001079253 VCV xy 0.0000805041
VCV xz -0.0000501931 VCV yy 0.0003921148
VCV yz -0.0002163743 VCV zz 0.0002558602

GPSVECTP Point ID 45249 DX -6296.382 DY 1337.553
Class Normal DZ -1911.812 Code PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.4
Monitor status Not monitored RMS 16.2
Horz SD Vert SD
Start wk 1554 sec 235108.4 End wk 1554 sec 235114.2

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GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001071381 VCV xy 0.0000795731
VCV xz -0.0000499644 VCV yy 0.0003882794
VCV yz -0.0002140294 VCV zz 0.0002542493

GPSVEC TP Point ID 45250 DX -6286.197 DY 1332.436
Class Normal DZ -1912.264 Code P-12
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 235127.4 End wk 1554 sec 235132.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001066627 VCV xy 0.0000789093
VCV xz -0.0000498663 VCV yy 0.0003856246
VCV yz -0.0002123561 VCV zz 0.0002534435

GPSVEC TP Point ID 45251 DX -6275.948 DY 1328.168
Class Normal DZ -1912.168 Code PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.3
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 235146.6 End wk 1554 sec 235151.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001065533 VCV xy 0.0000785035
VCV xz -0.0000499526 VCV yy 0.0003842457
VCV yz -0.0002113763 VCV zz 0.0002534879

GPSVEC TP Point ID 45252 DX -6265.843 DY 1323.976
Class Normal DZ -1912.240 Code P-13
Obs L1 Fixed H.pr 0.036 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 5 VDOP max 2.3
Monitor status Not monitored RMS 16.2
Horz SD Vert SD
Start wk 1554 sec 235178.4 End wk 1554 sec 235183.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.000106381 VCV xy 0.0000778093
VCV xz -0.000050124 VCV yy 0.0003818983
VCV yz -0.0002096926 VCV zz 0.0002535553

GPSVEC TP Point ID 45253 DX -6257.571 DY 1316.890
Class Normal DZ -1915.501 Code R-13-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.3
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 235217.6 End wk 1554 sec 235222.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001057128 VCV xy 0.0000766406
VCV xz -0.0000501203 VCV yy 0.0003774348
VCV yz -0.0002067396 VCV zz 0.0002525189

GPSVEC TP Point ID 45254 DX -6254.804 DY 1317.526
Class Normal DZ -1914.537 Code R-13-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.3
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 235233.6 End wk 1554 sec 235238.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001056068 VCV xy 0.0000763187
VCV xz -0.0000501794 VCV yy 0.0003762448
VCV yz -0.0002058875 VCV zz 0.0002526146

GPSVEC TP Point ID 45255 DX -6255.204 DY 1318.208
Class Normal DZ -1913.920 Code R-13-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.3
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 235244.8 End wk 1554 sec 235249.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001057463 VCV xy 0.0000762557
VCV xz -0.0000503195 VCV yy 0.0003761636
VCV yz -0.000205705 VCV zz 0.0002532287
    
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GPSVEC	TP	Point ID 45256	DX -6255.830	DY 1318.554
		Class Normal	DZ -1913.734	Code R-13-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.059
GPSQC1	NM	Min SVs 5	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 15.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 235257.8	End wk 1554 sec 235263.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0077459668	
		VCV xx 0.0001051972	VCV xy 0.0000756396	
		VCV xz -0.0000501658	VCV yy 0.000373552	
		VCV yz -0.0002040989	VCV zz 0.0002520783	
GPSVEC	TP	Point ID 45257	DX -6252.075	DY 1317.466
		Class Normal	DZ -1914.154	Code DS-3\R-9-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.059
GPSQC1	NM	Min SVs 5	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 14.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 235292.0	End wk 1554 sec 235297.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0077558821	
		VCV xx 0.0001053484	VCV xy 0.0000751667	
		VCV xz -0.0000505358	VCV yy 0.0003722178	
		VCV yz -0.0002028987	VCV zz 0.0002530067	
GPSVEC	TP	Point ID 45258	DX -6246.561	DY 1317.442
		Class Normal	DZ -1913.329	Code DS-3\R-9-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs 5	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 7	VDOP max 2.3	
		Monitor status Not monitored	RMS 12.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 235306.2	End wk 1554 sec 235312.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0077497801	
		VCV xx 0.0001049605	VCV xy 0.0000746645	
		VCV xz -0.0000504597	VCV yy 0.0003701044	
		VCV yz -0.000201538	VCV zz 0.0002523734	
GPSVEC	TP	Point ID 45259	DX -6238.209	DY 1329.638
		Class Normal	DZ -1900.775	Code PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs 5	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 14.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 235330.2	End wk 1554 sec 235335.2	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0077539701	
		VCV xx 0.000104704	VCV xy 0.0000741056	
		VCV xz -0.0000505375	VCV yy 0.0003679574	
		VCV yz -0.0002000378	VCV zz 0.0002521741	
GPSVEC	TP	Point ID 45260	DX -6235.362	DY 1330.979
		Class Normal	DZ -1899.160	Code PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs 5	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 235342.2	End wk 1554 sec 235347.2	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0077459668	
		VCV xx 0.000104187	VCV xy 0.0000735692	
		VCV xz -0.0000503736	VCV yy 0.000365564	
		VCV yz -0.0001985646	VCV zz 0.0002511839	
GPSVEC	TP	Point ID 45261	DX -6244.357	DY 1329.892
		Class Normal	DZ -1902.065	Code P-14
		Obs L1 Fixed	H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs 5	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 16.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 235360.2	End wk 1554 sec 235365.4	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0077459668	
		VCV xx 0.0001035515	VCV xy 0.0000728185	
		VCV xz -0.0000502321	VCV yy 0.0003623544	
		VCV yz -0.0001965425	VCV zz 0.0002499689	
GPSVEC	TP	Point ID 45262	DX -6238.947	DY 1322.038
		Class Normal	DZ -1907.627	Code P-11
		Obs L1 Fixed	H.pr 0.036	V.pr 0.058

GPSQC1	NM	Min SVs	5	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	16.0
		Horz SD		Vert SD	
		Start wk 1554 sec	235383.4	End wk 1554 sec	235388.4
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0077780345
		VCV xx	0.0001045257	VCV xy	0.0000731205
		VCV xz	-0.0000509319	VCV yy	0.0003644323
		VCV yz	-0.000197318	VCV zz	0.0002527938
GPSVEC	TP	Point ID 45263		DX -6243.096	DY 1308.831
		Class Normal		DZ -1923.090	Code P-10
		Obs L1 Fixed		H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs	5	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1554 sec	235409.6	End wk 1554 sec	235414.6
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0078033186
		VCV xx	0.0001048285	VCV xy	0.0000728863
		VCV xz	-0.0000513508	VCV yy	0.0003639774
		VCV yz	-0.0001966579	VCV zz	0.0002540124
GPSVEC	TP	Point ID 45264		DX -6245.092	DY 1303.197
		Class Normal		DZ -1930.363	Code PS
		Obs L1 Fixed		H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs	5	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	12.6
		Horz SD		Vert SD	
		Start wk 1554 sec	235428.6	End wk 1554 sec	235433.6
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0078144278
		VCV xx	0.0001048621	VCV xy	0.0000725998
		VCV xz	-0.0000515581	VCV yy	0.0003630311
		VCV yz	-0.0001958382	VCV zz	0.0002544793
GPSVEC	TP	Point ID 45265		DX -6245.762	DY 1299.794
		Class Normal		DZ -1934.893	Code P-09
		Obs L1 Fixed		H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs	5	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	14.4
		Horz SD		Vert SD	
		Start wk 1554 sec	235445.8	End wk 1554 sec	235450.8
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0078300685
		VCV xx	0.0001050046	VCV xy	0.0000724256
		VCV xz	-0.0000517986	VCV yy	0.0003625797
		VCV yz	-0.000195313	VCV zz	0.0002551821
GPSVEC	TP	Point ID 45266		DX -6247.517	DY 1297.130
		Class Normal		DZ -1938.500	Code PS
		Obs L1 Fixed		H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs	5	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1554 sec	235460.8	End wk 1554 sec	235465.8
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0078558242
		VCV xx	0.0001054844	VCV xy	0.0000725227
		VCV xz	-0.0000521838	VCV yy	0.0003633651
		VCV yz	-0.0001954781	VCV zz	0.0002567326
GPSVEC	TP	Point ID 45267		DX -6253.055	DY 1291.727
		Class Normal		DZ -1946.392	Code P-8
		Obs L1 Fixed		H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs	5	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	14.4
		Horz SD		Vert SD	
		Start wk 1554 sec	235480.8	End wk 1554 sec	235485.8
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0078729764
		VCV xx	0.0001056469	VCV xy	0.000072305
		VCV xz	-0.0000524815	VCV yy	0.000362774
		VCV yz	-0.0001948141	VCV zz	0.0002575555
GPSVEC	TP	Point ID 45268		DX -6255.705	DY 1288.221
		Class Normal		DZ -1951.714	Code PS
		Obs L1 Fixed		H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	14.4
		Horz SD		Vert SD	
		Start wk 1554 sec	235499.0	End wk 1554 sec	235504.0

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GPSQC2 NM Ttl satellites 5 Err Scale 0.0078607332
VCV xx 0.0001050517 VCV xy 0.0000716041
VCV xz -0.0000523814 VCV yy 0.0003597499
VCV yz -0.0001928793 VCV zz 0.0002564431

GPSVEC TP Point ID 45269 DX -6261.554 DY 1282.136
Class Normal DZ -1961.610 Code P-07
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.4
Horz SD Vert SD
Start wk 1554 sec 235519.0 End wk 1554 sec 235524.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.0078919008
VCV xx 0.0001055794 VCV xy 0.000071653
VCV xz -0.0000528573 VCV yy 0.0003603967
VCV yz -0.0001928629 VCV zz 0.0002582457

GPSVEC TP Point ID 45270 DX -6264.728 DY 1277.600
Class Normal DZ -1969.360 Code PS
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.0
Horz SD Vert SD
Start wk 1554 sec 235536.0 End wk 1554 sec 235541.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.007892916
VCV xx 0.0001053345 VCV xy 0.0000712108
VCV xz -0.0000529282 VCV yy 0.0003586281
VCV yz -0.000191613 VCV zz 0.0002579842

GPSVEC TP Point ID 45271 DX -6267.643 DY 1273.437
Class Normal DZ -1976.930 Code P-06
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.0
Horz SD Vert SD
Start wk 1554 sec 235552.6 End wk 1554 sec 235558.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.0078954995
VCV xx 0.0001051623 VCV xy 0.0000708361
VCV xz -0.0000530252 VCV yy 0.0003571077
VCV yz -0.000190488 VCV zz 0.0002579737

GPSVEC TP Point ID 45272 DX -6272.480 DY 1270.666
Class Normal DZ -1982.978 Code PS
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.5
Horz SD Vert SD
Start wk 1554 sec 235570.4 End wk 1554 sec 235575.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0078919558
VCV xx 0.0001047968 VCV xy 0.0000703128
VCV xz -0.00005304 VCV yy 0.0003548992
VCV yz -0.0001889801 VCV zz 0.0002574717

GPSVEC TP Point ID 45273 DX -6264.755 DY 1265.729
Class Normal DZ -1989.984 Code R-?-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 16.3
Horz SD Vert SD
Start wk 1554 sec 235596.6 End wk 1554 sec 235601.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079368576
VCV xx 0.0001056133 VCV xy 0.0000704322
VCV xz -0.0000537891 VCV yy 0.0003560692
VCV yz -0.0001890991 VCV zz 0.0002601502

GPSVEC TP Point ID 45274 DX -6263.510 DY 1264.952
Class Normal DZ -1991.084 Code R-?-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1554 sec 235607.6 End wk 1554 sec 235612.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079385266
VCV xx 0.0001054662 VCV xy 0.0000701732
VCV xz -0.0000538366 VCV yy 0.0003549739
VCV yz -0.0001883006 VCV zz 0.0002600833
    
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GPSVEC	TP	Point ID 45275	DX -6263.051	DY 1265.139
		Class Normal	DZ -1990.622	Code R-?-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 12.8	
		Horz SD	Vert SD	
		Start wk 1554 sec 235617.6	End wk 1554 sec 235622.6	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.007920363	
		VCV xx 0.000104828	VCV xy 0.0000696058	
		VCV xz -0.0000536156	VCV yy 0.0003523314	
		VCV yz -0.0001867076	VCV zz 0.0002587387	
GPSVEC	TP	Point ID 45276	DX -6257.393	DY 1262.546
		Class Normal	DZ -1993.940	Code P-05
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 16.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 235634.8	End wk 1554 sec 235639.8	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0079474524	
		VCV xx 0.0001053111	VCV xy 0.0000696635	
		VCV xz -0.0000540783	VCV yy 0.0003529383	
		VCV yz -0.0001866838	VCV zz 0.0002604199	
GPSVEC	SO	Point ID 45277	DX -6243.130	DY 1227.544
		Class Stake out	DZ -2033.059	Code 106-CHK
		Obs L1 Fixed	H.pr 0.037	V.pr 0.058
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 16.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 235719.6	End wk 1554 sec 235724.6	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0080470154	
		VCV xx 0.0001067395	VCV xy 0.0000691302	
		VCV xz -0.0000560946	VCV yy 0.0003523462	
		VCV yz -0.0001845805	VCV zz 0.0002661893	
PT DGN	SO	Name 106	To the Point	
GRID D	SO	Delta N 0.011	Delta E -0.034	
		Delta Elv -0.058		
GPSVEC	TP	Point ID 45278	DX -6276.113	DY 1267.149
		Class Normal	DZ -1991.147	Code P-04
		Obs L1 Fixed	H.pr 0.037	V.pr 0.058
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 13.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 235820.0	End wk 1554 sec 235825.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0081517939	
		VCV xx 0.0001080377	VCV xy 0.000068342	
		VCV xz -0.000058351	VCV yy 0.0003503936	
		VCV yz -0.0001812214	VCV zz 0.0002726656	
GPSVEC	TP	Point ID 45279	DX -6284.497	DY 1266.849
		Class Normal	DZ -1996.065	Code PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 16.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 235837.0	End wk 1554 sec 235842.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0081426045	
		VCV xx 0.0001075372	VCV xy 0.0000677958	
		VCV xz -0.0000583103	VCV yy 0.0003478545	
		VCV yz -0.0001794858	VCV zz 0.000272008	
GPSVEC	TP	Point ID 45280	DX -6290.197	DY 1267.838
		Class Normal	DZ -1997.858	Code P-03
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 13.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 235855.2	End wk 1554 sec 235860.2	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0081393775	
		VCV xx 0.0001071672	VCV xy 0.0000673103	
		VCV xz -0.0000583725	VCV yy 0.0003456481	
		VCV yz -0.0001778985	VCV zz 0.0002717223	

GPSVEC	TP	Point ID 45281	DX -6298.080	DY 1270.358
		Class Normal	DZ -1998.435	Code PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 235872.4	End wk 1554 sec 235877.4	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0081390068	
		VCV xx 0.0001068769	VCV xy 0.0000668713	
		VCV xz -0.0000584902	VCV yy 0.0003436807	
		VCV yz -0.0001764331	VCV zz 0.0002716478	
GPSVEC	TP	Point ID 45282	DX -6306.155	DY 1273.199
		Class Normal	DZ -1999.139	Code P-02
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 16.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 235888.4	End wk 1554 sec 235893.4	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0081485175	
		VCV xx 0.000106883	VCV xy 0.0000666366	
		VCV xz -0.0000587585	VCV yy 0.0003427426	
		VCV yz -0.0001755433	VCV zz 0.0002722662	
GPSVEC	TP	Point ID 45283	DX -6312.312	DY 1275.807
		Class Normal	DZ -1998.873	Code PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 5	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 235905.6	End wk 1554 sec 235910.6	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0081741447	
		VCV xx 0.0001072802	VCV xy 0.0000666256	
		VCV xz -0.0000592697	VCV yy 0.0003429804	
		VCV yz -0.0001752241	VCV zz 0.0002739306	
GPSVEC	TP	Point ID 45284	DX -6323.863	DY 1280.671
		Class Normal	DZ -1998.806	Code P-01
		Obs L1 Fixed	H.pr 0.038	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 235925.6	End wk 1554 sec 235930.6	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0081770523	
		VCV xx 0.0001070596	VCV xy 0.0000661748	
		VCV xz -0.0000595014	VCV yy 0.0003410724	
		VCV yz -0.000173739	VCV zz 0.0002740975	
GPSVEC	TP	Point ID 45285	DX -6343.645	DY 1288.185
		Class Normal	DZ -2000.088	Code P-21
		Obs L1 Fixed	H.pr 0.041	V.pr 0.050
GPSQC1	NM	Min SVs 6	PDOP max 2.0	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 18.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 235952.6	End wk 1554 sec 235957.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0100060795	
		VCV xx 0.0001067756	VCV xy 0.0000596397	
		VCV xz -0.000057703	VCV yy 0.0002775666	
		VCV yz -0.0001479188	VCV zz 0.0002662971	
GPSVEC	TP	Point ID 45286	DX -6353.961	DY 1291.883
		Class Normal	DZ -2001.019	Code PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.050
GPSQC1	NM	Min SVs 6	PDOP max 2.0	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 20.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 235968.8	End wk 1554 sec 235973.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0100306692	
		VCV xx 0.0001071635	VCV xy 0.0000596714	
		VCV xz -0.0000582257	VCV yy 0.0002775198	
		VCV yz -0.0001476693	VCV zz 0.0002681011	
GPSVEC	TP	Point ID 45287	DX -6364.704	DY 1295.767
		Class Normal	DZ -2002.450	Code P-22
		Obs L1 Fixed	H.pr 0.041	V.pr 0.050

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GPSQC1 NM Min SVs 6 PDOP max 2.0
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1554 sec 235985.0 End wk 1554 sec 235990.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0100386264
VCV xx 0.000107208 VCV xy 0.0000595024
VCV xz -0.0000585633 VCV yy 0.000276555
VCV yz -0.0001469447 VCV zz 0.0002690017

GPSVEC TP Point ID 45288 DX -6374.787 DY 1300.456
Class Normal DZ -2000.670 Code DS-6\R-12-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 2.0
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 18.8
Horz SD Vert SD
Start wk 1554 sec 236010.2 End wk 1554 sec 236015.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0100658834
VCV xx 0.0001076234 VCV xy 0.0000593862
VCV xz -0.0000593411 VCV yy 0.0002756786
VCV yz -0.0001461798 VCV zz 0.0002712941

GPSVEC TP Point ID 45289 DX -6375.161 DY 1298.628
Class Normal DZ -2006.186 Code DS-6\R-12-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 2.0
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 18.8
Horz SD Vert SD
Start wk 1554 sec 236025.2 End wk 1554 sec 236030.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0100637292
VCV xx 0.0001074867 VCV xy 0.0000591209
VCV xz -0.0000595642 VCV yy 0.000274197
VCV yz -0.000145208 VCV zz 0.0002717113

GPSVEC TP Point ID 45290 DX -6387.828 DY 1303.398
Class Normal DZ -2007.114 Code P-23
Obs L1 Fixed H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 2.0
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 16.7
Horz SD Vert SD
Start wk 1554 sec 236044.4 End wk 1554 sec 236049.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0100569809
VCV xx 0.0001072247 VCV xy 0.0000587014
VCV xz -0.000059849 VCV yy 0.0002719608
VCV yz -0.000143797 VCV zz 0.000272024

GPSVEC TP Point ID 45291 DX -6396.090 DY 1306.734
Class Normal DZ -2006.993 Code PS
Obs L1 Fixed H.pr 0.041 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 2.0
Relative DOPs Yes HDOP max 1.2
Total GPS pos 5 VDOP max 1.5
Monitor status Not monitored RMS 20.2
Horz SD Vert SD
Start wk 1554 sec 236060.4 End wk 1554 sec 236065.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.010139972
VCV xx 0.0001088935 VCV xy 0.0000594301
VCV xz -0.0000611049 VCV yy 0.0002747308
VCV yz -0.0001450447 VCV zz 0.0002773163

GPSVEC TP Point ID 45292 DX -6407.504 DY 1310.931
Class Normal DZ -2008.055 Code P-24
Obs L1 Fixed H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 2.0
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 236076.6 End wk 1554 sec 236081.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0101223756
VCV xx 0.0001084382 VCV xy 0.0000589087
VCV xz -0.0000612758 VCV yy 0.0002722038
VCV yz -0.0001435647 VCV zz 0.0002768874

GPSVEC TP Point ID 45293 DX -6417.341 DY 1314.187
Class Normal DZ -2009.613 Code PS
Obs L1 Fixed H.pr 0.041 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 2.0
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 236092.6 End wk 1554 sec 236097.6

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0101368558
          VCV xx 0.0001086587 VCV xy 0.000058802
          VCV xz -0.0000617736 VCV yy 0.0002713632
          VCV yz -0.0001429401 VCV zz 0.0002783382

GPSVEC TP Point ID 45294 DX -6426.695 DY 1317.540
          Class Normal DZ -2010.766 Code P-25
          Obs L1 Fixed H.pr 0.041 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 2.0
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 20.4
          Horz SD Vert SD
          Start wk 1554 sec 236108.6 End wk 1554 sec 236113.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0101594701
          VCV xx 0.0001090526 VCV xy 0.0000587889
          VCV xz -0.000062378 VCV yy 0.0002709395
          VCV yz -0.000142537 VCV zz 0.0002802561

GPSVEC TP Point ID 45295 DX -6448.746 DY 1326.894
          Class Normal DZ -2010.069 Code P-29
          Obs L1 Fixed H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 2.0
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.5
          Horz SD Vert SD
          Start wk 1554 sec 236129.8 End wk 1554 sec 236134.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0100760749
          VCV xx 0.0001094795 VCV xy 0.0000575663
          VCV xz -0.0000627983 VCV yy 0.0002573194
          VCV yz -0.0001374839 VCV zz 0.0002813018

GPSVEC TP Point ID 45296 DX -6458.618 DY 1331.759
          Class Normal DZ -2007.519 Code PS
          Obs L1 Fixed H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 2.0
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.6
          Horz SD Vert SD
          Start wk 1554 sec 236152.0 End wk 1554 sec 236157.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0101289377
          VCV xx 0.0001098897 VCV xy 0.0000577827
          VCV xz -0.0000636752 VCV yy 0.0002596065
          VCV yz -0.0001378615 VCV zz 0.000283999

NOTE TS Time Date 10/20/2009 Time 13:35:57

GPSVEC TP Point ID 45297 DX -6469.958 DY 1336.187
          Class Normal DZ -2008.157 Code P-35
          Obs L1 Fixed H.pr 0.041 V.pr 0.050

GPSQC1 NM Min SVs 6 PDOP max 2.0
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 16.9
          Horz SD Vert SD
          Start wk 1554 sec 236169.0 End wk 1554 sec 236174.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0101503031
          VCV xx 0.0001098995 VCV xy 0.0000577397
          VCV xz -0.0000641445 VCV yy 0.0002600677
          VCV yz -0.0001375649 VCV zz 0.0002852536

GPSVEC TP Point ID 45298 DX -6479.486 DY 1339.932
          Class Normal DZ -2008.417 Code PS
          Obs L1 Fixed H.pr 0.041 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 2.0
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.7
          Horz SD Vert SD
          Start wk 1554 sec 236187.2 End wk 1554 sec 236192.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0101888329
          VCV xx 0.0001103169 VCV xy 0.000057864
          VCV xz -0.0000648875 VCV yy 0.0002610899
          VCV yz -0.0001376093 VCV zz 0.0002876311

GPSVEC TP Point ID 45299 DX -6490.306 DY 1344.039
          Class Normal DZ -2009.184 Code P-36
          Obs L1 Fixed H.pr 0.041 V.pr 0.051

GPSQC1 NM Min SVs 6 PDOP max 2.0
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 19.1
          Horz SD Vert SD
          Start wk 1554 sec 236206.4 End wk 1554 sec 236212.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0102203982
          VCV xx 0.0001106075 VCV xy 0.0000578673
          VCV xz -0.0000656272 VCV yy 0.0002613971
          VCV yz -0.0001372943 VCV zz 0.0002898264
    
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GPSVEC TP Point ID 45300      DX -6500.157      DY 1347.942
        Class Normal        DZ -2009.216      Code PS
        Obs L1 Fixed        H.pr 0.041       V.pr 0.051

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes   HDOP max 1.2
        Total GPS pos 6     VDOP max 1.5
        Monitor status Not monitored RMS 19.1
        Horz SD              Vert SD
        Start wk 1554 sec 236224.2 End wk 1554 sec 236229.2

GPSQC2 NM Ttl satellites 6      Err Scale 0.0102403304
        VCV xx 0.000110736 VCV xy 0.0000577912
        VCV xz -0.0000661726 VCV yy 0.0002611329
        VCV yz -0.0001367939 VCV zz 0.0002913814

GPSVEC TP Point ID 45301      DX -6511.730      DY 1352.039
        Class Normal        DZ -2010.854      Code P-37
        Obs L1 Fixed        H.pr 0.041       V.pr 0.051

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes   HDOP max 1.2
        Total GPS pos 6     VDOP max 1.5
        Monitor status Not monitored RMS 20.9
        Horz SD              Vert SD
        Start wk 1554 sec 236242.4 End wk 1554 sec 236247.4

GPSQC2 NM Ttl satellites 6      Err Scale 0.0102733485
        VCV xx 0.0001111628 VCV xy 0.000057827
        VCV xz -0.0000669739 VCV yy 0.0002612559
        VCV yz -0.0001364975 VCV zz 0.0002938855

GPSVEC TP Point ID 45302      DX -6520.874      DY 1355.328
        Class Normal        DZ -2011.763      Code PS
        Obs L1 Fixed        H.pr 0.042       V.pr 0.051

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes   HDOP max 1.2
        Total GPS pos 6     VDOP max 1.5
        Monitor status Not monitored RMS 17.5
        Horz SD              Vert SD
        Start wk 1554 sec 236259.4 End wk 1554 sec 236264.4

GPSQC2 NM Ttl satellites 6      Err Scale 0.0103568314
        VCV xx 0.0001127316 VCV xy 0.0000584933
        VCV xz -0.000068404 VCV yy 0.000263925
        VCV yz -0.0001375549 VCV zz 0.0002994741

GPSVEC TP Point ID 45303      DX -6521.429      DY 1351.150
        Class Normal        DZ -2024.898      Code DS-7\R-6-PS
        Obs L1 Fixed        H.pr 0.042       V.pr 0.051

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes   HDOP max 1.2
        Total GPS pos 7     VDOP max 1.5
        Monitor status Not monitored RMS 20.8
        Horz SD              Vert SD
        Start wk 1554 sec 236291.0 End wk 1554 sec 236296.8

GPSQC2 NM Ttl satellites 6      Err Scale 0.0103695681
        VCV xx 0.0001126548 VCV xy 0.0000579947
        VCV xz -0.0000694285 VCV yy 0.0002615661
        VCV yz -0.0001358901 VCV zz 0.0003014926

GPSVEC TP Point ID 45304      DX -6521.615      DY 1349.568
        Class Normal        DZ -2029.647      Code DS-7\R-6-PS
        Obs L1 Fixed        H.pr 0.042       V.pr 0.051

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes   HDOP max 1.2
        Total GPS pos 7     VDOP max 1.5
        Monitor status Not monitored RMS 17.3
        Horz SD              Vert SD
        Start wk 1554 sec 236307.0 End wk 1554 sec 236312.8

GPSQC2 NM Ttl satellites 6      Err Scale 0.0103552016
        VCV xx 0.0001121441 VCV xy 0.0000575704
        VCV xz -0.0000695279 VCV yy 0.0002593661
        VCV yz -0.0001344884 VCV zz 0.0003013036

GPSVEC TP Point ID 45305      DX -6530.337      DY 1358.828
        Class Normal        DZ -2012.386      Code P-38
        Obs L1 Fixed        H.pr 0.042       V.pr 0.051

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes   HDOP max 1.2
        Total GPS pos 6     VDOP max 1.5
        Monitor status Not monitored RMS 19.1
        Horz SD              Vert SD
        Start wk 1554 sec 236335.8 End wk 1554 sec 236341.0

GPSQC2 NM Ttl satellites 6      Err Scale 0.0104232105
        VCV xx 0.0001133117 VCV xy 0.0000578212
        VCV xz -0.0000711421 VCV yy 0.0002598351
        VCV yz -0.0001343371 VCV zz 0.000306724

GPSVEC TP Point ID 45306      DX -6541.803      DY 1363.605
        Class Normal        DZ -2011.715      Code PS
        Obs L1 Fixed        H.pr 0.042       V.pr 0.052
    
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GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 19.1
Horz SD Vert SD
Start wk 1554 sec 236359.0 End wk 1554 sec 236364.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.010453552
VCV xx 0.0001137128 VCV xy 0.0000577351
VCV xz -0.0000721309 VCV yy 0.0002588842
VCV yz -0.0001335375 VCV zz 0.0003096934

GPSVEC TP Point ID 45307 DX -6552.712 DY 1368.028
Class Normal DZ -2011.850 Code P-39
Obs L1 Fixed H.pr 0.042 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 1.5
Monitor status Not monitored RMS 17.4
Horz SD Vert SD
Start wk 1554 sec 236375.2 End wk 1554 sec 236381.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0104389861
VCV xx 0.0001132194 VCV xy 0.0000572821
VCV xz -0.0000723252 VCV yy 0.0002564782
VCV yz -0.0001320697 VCV zz 0.0003096742

GPSVEC TP Point ID 45308 DX -6562.490 DY 1371.940
Class Normal DZ -2012.088 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1554 sec 236392.2 End wk 1554 sec 236397.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0104629928
VCV xx 0.0001135556 VCV xy 0.0000572768
VCV xz -0.0000730251 VCV yy 0.0002559397
VCV yz -0.0001315632 VCV zz 0.0003119881

GPSVEC TP Point ID 45309 DX -6573.618 DY 1376.488
Class Normal DZ -2012.181 Code P-40
Obs L1 Fixed H.pr 0.042 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 21.3
Horz SD Vert SD
Start wk 1554 sec 236410.4 End wk 1554 sec 236415.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0104644764
VCV xx 0.0001133849 VCV xy 0.0000569496
VCV xz -0.0000735371 VCV yy 0.0002540003
VCV yz -0.0001303354 VCV zz 0.0003130926

GPSVEC TP Point ID 45310 DX -6582.988 DY 1380.307
Class Normal DZ -2012.290 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 21.0
Horz SD Vert SD
Start wk 1554 sec 236425.6 End wk 1554 sec 236430.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0105095822
VCV xx 0.0001141822 VCV xy 0.0000571732
VCV xz -0.0000745594 VCV yy 0.0002544647
VCV yz -0.0001303724 VCV zz 0.000316699

GPSVEC TP Point ID 45311 DX -6594.633 DY 1384.680
Class Normal DZ -2013.595 Code P-41
Obs L1 Fixed H.pr 0.042 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 21.1
Horz SD Vert SD
Start wk 1554 sec 236443.6 End wk 1554 sec 236448.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0105291335
VCV xx 0.0001144144 VCV xy 0.0000570476
VCV xz -0.0000753502 VCV yy 0.0002534262
VCV yz -0.0001296333 VCV zz 0.0003189245

GPSVEC TP Point ID 45312 DX -6603.823 DY 1388.405
Class Normal DZ -2013.838 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 1.5
Monitor status Not monitored RMS 21.1
Horz SD Vert SD
Start wk 1554 sec 236461.2 End wk 1554 sec 236467.0

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GPSQC2 NM Ttl satellites 6 Err Scale 0.010551706
          VCV xx 0.0001146998 VCV xy 0.0000569651
          VCV xz -0.0000761684 VCV yy 0.0002524976
          VCV yz -0.0001289331 VCV zz 0.0003213868

GPSVEC TP Point ID 45313 DX -6615.734 DY 1392.857
          Class Normal DZ -2015.188 Code P-42
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.5
          Horz SD Vert SD
          Start wk 1554 sec 236479.0 End wk 1554 sec 236484.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0108396243
          VCV xx 0.0001207921 VCV xy 0.0000601771
          VCV xz -0.0000802625 VCV yy 0.0002649647
          VCV yz -0.0001348842 VCV zz 0.000340326

GPSVEC TP Point ID 45314 DX -6624.330 DY 1396.412
          Class Normal DZ -2015.132 Code PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.052

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.7
          Horz SD Vert SD
          Start wk 1554 sec 236506.4 End wk 1554 sec 236511.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0106878262
          VCV xx 0.0001171758 VCV xy 0.0000575623
          VCV xz -0.0000796429 VCV yy 0.0002535723
          VCV yz -0.0001289872 VCV zz 0.0003329255

GPSVEC TP Point ID 45315 DX -6635.390 DY 1400.646
          Class Normal DZ -2016.331 Code P-43
          Obs L1 Fixed H.pr 0.042 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 21.4
          Horz SD Vert SD
          Start wk 1554 sec 236524.4 End wk 1554 sec 236530.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.010716971
          VCV xx 0.0001175854 VCV xy 0.0000575369
          VCV xz -0.0000806025 VCV yy 0.0002528695
          VCV yz -0.0001283912 VCV zz 0.0003359303

GPSVEC TP Point ID 45316 DX -6645.020 DY 1404.217
          Class Normal DZ -2017.520 Code PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.7
          Horz SD Vert SD
          Start wk 1554 sec 236542.4 End wk 1554 sec 236547.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0107351467
          VCV xx 0.0001177449 VCV xy 0.0000574012
          VCV xz -0.0000813746 VCV yy 0.0002516792
          VCV yz -0.0001275379 VCV zz 0.0003382337

GPSVEC TP Point ID 45317 DX -6656.141 DY 1408.298
          Class Normal DZ -2018.953 Code P-44
          Obs L1 Fixed H.pr 0.042 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.4
          Horz SD Vert SD
          Start wk 1554 sec 236558.6 End wk 1554 sec 236563.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0107663292
          VCV xx 0.0001182046 VCV xy 0.000057427
          VCV xz -0.0000823216 VCV yy 0.0002512403
          VCV yz -0.0001271064 VCV zz 0.0003412705

GPSVEC TP Point ID 45318 DX -6665.725 DY 1412.114
          Class Normal DZ -2019.214 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.0
          Horz SD Vert SD
          Start wk 1554 sec 236574.6 End wk 1554 sec 236579.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0108000794
          VCV xx 0.0001187269 VCV xy 0.0000574819
          VCV xz -0.0000833269 VCV yy 0.0002509254
          VCV yz -0.0001267366 VCV zz 0.0003445307
    
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GPSVEC	TP	Point ID 45319	DX -6674.404	DY 1415.658
		Class Normal	DZ -2019.283	Code P-45
		Obs L1 Fixed	H.pr 0.043	V.pr 0.053
GPSQC1	NM	Min SVs 6	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 18.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 236620.0	End wk 1554 sec 236625.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0109287901	
		VCV xx 0.000120956	VCV xy 0.0000579296	
		VCV xz -0.000088693	VCV yy 0.0002513067	
		VCV yz -0.0001263929	VCV zz 0.000356285	
GPSVEC	TP	Point ID 45320	DX -6686.575	DY 1420.469
		Class Normal	DZ -2019.850	Code PS
		Obs L1 Fixed	H.pr 0.043	V.pr 0.053
GPSQC1	NM	Min SVs 6	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 20.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 236636.0	End wk 1554 sec 236641.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0109322323	
		VCV xx 0.0001207813	VCV xy 0.000057671	
		VCV xz -0.0000874304	VCV yy 0.0002496247	
		VCV yz -0.0001253052	VCV zz 0.0003576126	
GPSVEC	TP	Point ID 45321	DX -6696.247	DY 1424.139
		Class Normal	DZ -2020.943	Code P-50
		Obs L1 Fixed	H.pr 0.043	V.pr 0.054
GPSQC1	NM	Min SVs 6	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 22.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 236653.2	End wk 1554 sec 236658.2	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0109470664	
		VCV xx 0.0001208313	VCV xy 0.0000575015	
		VCV xz -0.0000881679	VCV yy 0.0002482799	
		VCV yz -0.0001243861	VCV zz 0.0003597802	
GPSVEC	TP	Point ID 45322	DX -6707.395	DY 1428.718
		Class Normal	DZ -2021.312	Code PS
		Obs L1 Fixed	H.pr 0.043	V.pr 0.054
GPSQC1	NM	Min SVs 6	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 7	VDOP max 1.5	
		Monitor status Not monitored	RMS 22.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 236668.4	End wk 1554 sec 236674.2	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0109587256	
		VCV xx 0.0001216708	VCV xy 0.0000573211	
		VCV xz -0.0000888392	VCV yy 0.0002469189	
		VCV yz -0.000123475	VCV zz 0.0003617197	
GPSVEC	TP	Point ID 45323	DX -6716.543	DY 1432.774
		Class Normal	DZ -2020.785	Code P-63
		Obs L1 Fixed	H.pr 0.043	V.pr 0.054
GPSQC1	NM	Min SVs 6	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 22.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 236701.4	End wk 1554 sec 236706.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.01101973	
		VCV xx 0.0001216708	VCV xy 0.0000572759	
		VCV xz -0.0000910278	VCV yy 0.000245588	
		VCV yz -0.0001224122	VCV zz 0.0003684119	
GPSVEC	TP	Point ID 45324	DX -6728.268	DY 1437.291
		Class Normal	DZ -2021.838	Code PS
		Obs L1 Fixed	H.pr 0.043	V.pr 0.054
GPSQC1	NM	Min SVs 6	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 20.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 236719.6	End wk 1554 sec 236724.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0110729774	
		VCV xx 0.0001225343	VCV xy 0.0000574769	
		VCV xz -0.0000925118	VCV yy 0.0002456952	
		VCV yz -0.0001222015	VCV zz 0.0003734799	
GPSVEC	TP	Point ID 45325	DX -6738.940	DY 1441.464
		Class Normal	DZ -2022.539	Code P-65
		Obs L1 Fixed	H.pr 0.043	V.pr 0.054

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GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 22.1
Horz SD Vert SD
Start wk 1554 sec 236736.6 End wk 1554 sec 236741.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.011114534
VCV xx 0.0001231493 VCV xy 0.0000575553
VCV xz -0.0000937989 VCV yy 0.0002453816
VCV yz -0.0001218138 VCV zz 0.0003776715

GPSVEC TP Point ID 45326 DX -6749.206 DY 1445.353
Class Normal DZ -2023.419 Code PS
Obs L1 Fixed H.pr 0.044 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.4
Horz SD Vert SD
Start wk 1554 sec 236754.6 End wk 1554 sec 236759.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0111567779
VCV xx 0.0001237663 VCV xy 0.0000576181
VCV xz -0.0000951639 VCV yy 0.0002449596
VCV yz -0.0001213602 VCV zz 0.0003820786

GPSVEC TP Point ID 45327 DX -6760.987 DY 1449.196
Class Normal DZ -2026.109 Code P-67
Obs L1 Fixed H.pr 0.044 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 22.2
Horz SD Vert SD
Start wk 1554 sec 236771.6 End wk 1554 sec 236776.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0111958422
VCV xx 0.0001243326 VCV xy 0.0000576715
VCV xz -0.0000964531 VCV yy 0.0002445323
VCV yz -0.0001209123 VCV zz 0.0003862488

GPSVEC TP Point ID 45328 DX -6770.132 DY 1452.625
Class Normal DZ -2027.058 Code PS
Obs L1 Fixed H.pr 0.044 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.5
Horz SD Vert SD
Start wk 1554 sec 236786.8 End wk 1554 sec 236791.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0112018809
VCV xx 0.0001241833 VCV xy 0.0000574185
VCV xz -0.0000970603 VCV yy 0.0002429703
VCV yz -0.0001199308 VCV zz 0.0003878257

GPSVEC TP Point ID 45329 DX -6779.344 DY 1455.995
Class Normal DZ -2028.518 Code P-68
Obs L1 Fixed H.pr 0.044 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.7
Horz SD Vert SD
Start wk 1554 sec 236824.8 End wk 1554 sec 236829.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0113325911
VCV xx 0.0001263593 VCV xy 0.0000579222
VCV xz -0.0001008722 VCV yy 0.0002435475
VCV yz -0.0001197122 VCV zz 0.0004005263

GPSVEC TP Point ID 45330 DX -6790.995 DY 1460.887
Class Normal DZ -2028.826 Code PS
Obs L1 Fixed H.pr 0.044 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.7
Horz SD Vert SD
Start wk 1554 sec 236841.0 End wk 1554 sec 236846.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.011355035
VCV xx 0.0001265329 VCV xy 0.0000578239
VCV xz -0.0001018148 VCV yy 0.0002425192
VCV yz -0.0001189506 VCV zz 0.0004034936

NOTE TS Time Date 10/20/2009 Time 14:08:50

GPSVEC TP Point ID 45331 DX -6686.526 DY 1429.671
Class Normal DZ -1993.500 Code TOP-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.058
    
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GPSQC1	NM	Min SVs	7	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	21.4
		Horz SD		Vert SD	
		Start wk 1554 sec	238141.6	End wk 1554 sec	238146.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0126367528
		VCV xx	0.0001476495	VCV xy	0.0000572301
		VCV xz	-0.0001347908	VCV yy	0.0001851367
		VCV yz	-0.0000582166	VCV zz	0.0004394557
GPSVEC	TP	Point ID 45332		DY	1421.611
		Class Normal		Code	TOP-PS
		Obs L1 Fixed		V.pr	0.057
			H.pr 0.040		
GPSQC1	NM	Min SVs	7	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	21.1
		Horz SD		Vert SD	
		Start wk 1554 sec	238169.0	End wk 1554 sec	238174.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.012511489
		VCV xx	0.000146376	VCV xy	0.0000573108
		VCV xz	-0.0001316047	VCV yy	0.0001840936
		VCV yz	-0.0000574117	VCV zz	0.0004296241
GPSVEC	TP	Point ID 45333		DY	1413.991
		Class Normal		Code	TOP-PS
		Obs L1 Fixed		V.pr	0.057
			H.pr 0.040		
GPSQC1	NM	Min SVs	7	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	22.7
		Horz SD		Vert SD	
		Start wk 1554 sec	238190.0	End wk 1554 sec	238195.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0123896394
		VCV xx	0.0001448372	VCV xy	0.0000571413
		VCV xz	-0.0001287062	VCV yy	0.0001825438
		VCV yz	-0.0000566012	VCV zz	0.0004205558
GPSVEC	TP	Point ID 45334		DY	1406.044
		Class Normal		Code	TOP-PS
		Obs L1 Fixed		V.pr	0.057
			H.pr 0.040		
GPSQC1	NM	Min SVs	7	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	22.5
		Horz SD		Vert SD	
		Start wk 1554 sec	238213.0	End wk 1554 sec	238218.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0123007847
		VCV xx	0.0001442344	VCV xy	0.0000574235
		VCV xz	-0.0001264015	VCV yy	0.0001821767
		VCV yz	-0.0000561764	VCV zz	0.0004133897
GPSVEC	TP	Point ID 45335		DY	1398.417
		Class Normal		Code	TOP-PS
		Obs L1 Fixed		V.pr	0.056
			H.pr 0.039		
GPSQC1	NM	Min SVs	7	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	22.2
		Horz SD		Vert SD	
		Start wk 1554 sec	238247.4	End wk 1554 sec	238253.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0120807188
		VCV xx	0.0001412516	VCV xy	0.0000568837
		VCV xz	-0.0001213465	VCV yy	0.000178883
		VCV yz	-0.0000546936	VCV zz	0.0003974905
GPSVEC	TP	Point ID 45336		DY	1391.158
		Class Normal		Code	TOP-PS
		Obs L1 Fixed		V.pr	0.055
			H.pr 0.038		
GPSQC1	NM	Min SVs	7	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	20.1
		Horz SD		Vert SD	
		Start wk 1554 sec	238298.6	End wk 1554 sec	238303.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0119122956
		VCV xx	0.0001406044	VCV xy	0.0000577402
		VCV xz	-0.0001170528	VCV yy	0.0001786754
		VCV yz	-0.0000541693	VCV zz	0.0003840076
GPSVEC	TP	Point ID 45337		DY	1383.592
		Class Normal		Code	TOP-PS
		Obs L1 Fixed		V.pr	0.055
			H.pr 0.038		
GPSQC1	NM	Min SVs	7	PDOP max	1.7
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.4
		Monitor status	Not monitored	RMS	19.9
		Horz SD		Vert SD	
		Start wk 1554 sec	238322.8	End wk 1554 sec	238327.8

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0118161356
VCV xx 0.0001398734 VCV xy 0.0000579717
VCV xz -0.0001147591 VCV yy 0.000178024
VCV yz -0.0000537939 VCV zz 0.0003767146

GPSVEC TP Point ID 45338 DX -6540.284 DY 1376.268
Class Normal DZ -1973.808 Code TOP-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 21.4
Horz SD Vert SD
Start wk 1554 sec 238345.0 End wk 1554 sec 238350.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0117332591
VCV xx 0.0001393616 VCV xy 0.0000582947
VCV xz -0.00011277 VCV yy 0.0001776268
VCV yz -0.0000535595 VCV zz 0.0003703046

GPSVEC TP Point ID 45339 DX -6519.404 DY 1368.917
Class Normal DZ -1970.637 Code TOP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 19.9
Horz SD Vert SD
Start wk 1554 sec 238367.2 End wk 1554 sec 238372.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0116170086
VCV xx 0.0001379578 VCV xy 0.000058162
VCV xz -0.0001102081 VCV yy 0.0001760495
VCV yz -0.0000529507 VCV zz 0.0003620869

GPSVEC TP Point ID 45340 DX -6498.527 DY 1361.263
Class Normal DZ -1967.687 Code TOP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 19.7
Horz SD Vert SD
Start wk 1554 sec 238391.2 End wk 1554 sec 238396.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0115135815
VCV xx 0.0001370207 VCV xy 0.0000583092
VCV xz -0.0001078747 VCV yy 0.0001750797
VCV yz -0.0000525619 VCV zz 0.00035454

GPSVEC TP Point ID 45341 DX -6477.666 DY 1353.525
Class Normal DZ -1964.940 Code TOP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 23.0
Horz SD Vert SD
Start wk 1554 sec 238413.2 End wk 1554 sec 238418.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.011406187
VCV xx 0.0001359373 VCV xy 0.0000583711
VCV xz -0.0001055333 VCV yy 0.0001738957
VCV yz -0.0000521371 VCV zz 0.000346923

GPSVEC TP Point ID 45342 DX -6456.658 DY 1346.065
Class Normal DZ -1961.649 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 22.5
Horz SD Vert SD
Start wk 1554 sec 238442.4 End wk 1554 sec 238447.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0113026286
VCV xx 0.0001352977 VCV xy 0.0000587565
VCV xz -0.0001031498 VCV yy 0.0001732884
VCV yz -0.0000518915 VCV zz 0.0003391666

GPSVEC TP Point ID 45343 DX -6449.514 DY 1343.972
Class Normal DZ -1959.972 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 22.1
Horz SD Vert SD
Start wk 1554 sec 238503.6 End wk 1554 sec 238508.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.011117571
VCV xx 0.0001347516 VCV xy 0.0000599258
VCV xz -0.0000988922 VCV yy 0.0001729599
VCV yz -0.0000517543 VCV zz 0.0003251844
    
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GPSVEC	TP	Point ID 45344	DX -6447.236	DY 1343.561
		Class Normal	DZ -1959.366	Code TOP-PS
		Obs L1 Fixed	H.pr 0.035	V.pr 0.053
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 20.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 238537.8	End wk 1554 sec 238542.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0110039562	
		VCV xx 0.0001341158	VCV xy 0.0000604488	
		VCV xz -0.00009641	VCV yy 0.0001723438	
		VCV yz -0.000051608	VCV zz 0.0003169048	
GPSVEC	TP	Point ID 45345	DX -6446.512	DY 1345.206
		Class Normal	DZ -1956.524	Code TOP-PS
		Obs L1 Fixed	H.pr 0.035	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 7	VDOP max 1.5	
		Monitor status Not monitored	RMS 22.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 238598.4	End wk 1554 sec 238604.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0108371032	
		VCV xx 0.0001337997	VCV xy 0.0000617664	
		VCV xz -0.0000926888	VCV yy 0.0001722243	
		VCV yz -0.0000517211	VCV zz 0.0003043147	
GPSVEC	TP	Point ID 45346	DX -6443.071	DY 1353.256
		Class Normal	DZ -1944.456	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 21.8	
		Horz SD	Vert SD	
		Start wk 1554 sec 238620.2	End wk 1554 sec 238625.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0107527478	
		VCV xx 0.0001329951	VCV xy 0.0000619104	
		VCV xz -0.0000910293	VCV yy 0.0001713049	
		VCV yz -0.0000515268	VCV zz 0.0002986493	
GPSVEC	TP	Point ID 45347	DX -6442.547	DY 1354.515
		Class Normal	DZ -1942.644	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 19.6	
		Horz SD	Vert SD	
		Start wk 1554 sec 238636.6	End wk 1554 sec 238642.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0106595913	
		VCV xx 0.0001317155	VCV xy 0.0000617265	
		VCV xz -0.0000892779	VCV yy 0.0001697556	
		VCV yz -0.000051119	VCV zz 0.0002927461	
GPSVEC	TP	Point ID 45348	DX -6444.653	DY 1356.373
		Class Normal	DZ -1941.682	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 21.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 238677.6	End wk 1554 sec 238682.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0105877277	
		VCV xx 0.0001324172	VCV xy 0.000063061	
		VCV xz -0.0000875898	VCV yy 0.0001707681	
		VCV yz -0.0000516378	VCV zz 0.0002867105	
GPSVEC	TP	Point ID 45349	DX -6448.012	DY 1358.634
		Class Normal	DZ -1940.789	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 17.6	
		Horz SD	Vert SD	
		Start wk 1554 sec 238699.6	End wk 1554 sec 238704.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.01051181	
		VCV xx 0.0001317943	VCV xy 0.0000632797	
		VCV xz -0.0000861101	VCV yy 0.0001700415	
		VCV yz -0.0000515186	VCV zz 0.0002816174	
GPSVEC	TP	Point ID 45350	DX -6465.290	DY 1370.900
		Class Normal	DZ -1935.970	Code TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr 0.051

GPSQC1	NM	Min SVs	7	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.5
		Monitor status	Not monitored	RMS	19.2
		Horz SD		Vert SD	
		Start wk 1554 sec	238724.0	End wk 1554 sec	238730.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0104535641
		VCV xx	0.0001317947	VCV xy	0.0000638999
		VCV xz	-0.0000848876	VCV yy	0.0001701153
		VCV yz	-0.0000516929	VCV zz	0.0002772377
GPSVEC	TP	Point ID 45351		DY	1384.563
		Class Normal		Code	TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr	0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	17.3
		Horz SD		Vert SD	
		Start wk 1554 sec	238754.0	End wk 1554 sec	238759.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0104021635
		VCV xx	0.0001322713	VCV xy	0.0000648827
		VCV xz	-0.000083772	VCV yy	0.0001707946
		VCV yz	-0.0000521139	VCV zz	0.0002730504
GPSVEC	TP	Point ID 45352		DY	1397.178
		Class Normal		Code	TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr	0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	21.1
		Horz SD		Vert SD	
		Start wk 1554 sec	238788.6	End wk 1554 sec	238794.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0103328209
		VCV xx	0.0001326104	VCV xy	0.0000659244
		VCV xz	-0.0000823057	VCV yy	0.0001712917
		VCV yz	-0.0000524955	VCV zz	0.0002676912
GPSVEC	TP	Point ID 45353		DY	1410.279
		Class Normal		Code	TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr	0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1554 sec	238815.4	End wk 1554 sec	238820.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0102904709
		VCV xx	0.0001330466	VCV xy	0.0000668048
		VCV xz	-0.0000813972	VCV yy	0.0001719038
		VCV yz	-0.0000528837	VCV zz	0.0002642056
GPSVEC	TP	Point ID 45354		DY	1422.893
		Class Normal		Code	TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr	0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	18.8
		Horz SD		Vert SD	
		Start wk 1554 sec	238844.4	End wk 1554 sec	238850.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0102263279
		VCV xx	0.0001331051	VCV xy	0.0000675769
		VCV xz	-0.0000801289	VCV yy	0.0001720278
		VCV yz	-0.0000531435	VCV zz	0.0002594939
GPSVEC	TP	Point ID 45355		DY	1431.899
		Class Normal		Code	TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr	0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	18.7
		Horz SD		Vert SD	
		Start wk 1554 sec	238908.6	End wk 1554 sec	238913.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0101998355
		VCV xx	0.0001361803	VCV xy	0.00007084
		VCV xz	-0.0000791429	VCV yy	0.0001760141
		VCV yz	-0.000054965	VCV zz	0.000254711
GPSVEC	TP	Point ID 45356		DY	1441.921
		Class Normal		Code	TOP-PS
		Obs L1 Fixed	H.pr 0.032	V.pr	0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	20.4
		Horz SD		Vert SD	
		Start wk 1554 sec	238944.6	End wk 1554 sec	238949.6

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0101584708
VCV xx 0.0001371706 VCV xy 0.0000723191
VCV xz -0.0000782311 VCV yy 0.000177323
VCV yz -0.0000557154 VCV zz 0.0002507945

GPSVEC TP Point ID 45357 DX -6587.885 DY 1451.885
Class Normal DZ -1908.259 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.3
Horz SD Vert SD
Start wk 1554 sec 238969.8 End wk 1554 sec 238974.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101220049
VCV xx 0.0001376417 VCV xy 0.0000732456
VCV xz -0.0000775156 VCV yy 0.0001779594
VCV yz -0.0000561671 VCV zz 0.0002477533

GPSVEC TP Point ID 45358 DX -6607.585 DY 1462.169
Class Normal DZ -1906.980 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 18.5
Horz SD Vert SD
Start wk 1554 sec 239009.0 End wk 1554 sec 239014.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101061687
VCV xx 0.0001394822 VCV xy 0.000075332
VCV xz -0.0000770117 VCV yy 0.0001803511
VCV yz -0.0000573644 VCV zz 0.0002448226

GPSVEC TP Point ID 45359 DX -6627.448 DY 1472.285
Class Normal DZ -1905.938 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.5
Horz SD Vert SD
Start wk 1554 sec 239043.4 End wk 1554 sec 239048.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100476872
VCV xx 0.0001398463 VCV xy 0.0000764553
VCV xz -0.0000759205 VCV yy 0.0001808361
VCV yz -0.0000578565 VCV zz 0.0002402981

GPSVEC TP Point ID 45360 DX -6647.221 DY 1482.784
Class Normal DZ -1904.522 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 5 VDOP max 1.6
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1554 sec 239065.6 End wk 1554 sec 239070.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100187212
VCV xx 0.0001402752 VCV xy 0.000077306
VCV xz -0.0000753735 VCV yy 0.0001814109
VCV yz -0.0000582894 VCV zz 0.0002377761

GPSVEC TP Point ID 45361 DX -6666.796 DY 1493.274
Class Normal DZ -1902.990 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 20.1
Horz SD Vert SD
Start wk 1554 sec 239096.8 End wk 1554 sec 239102.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0099572083
VCV xx 0.0001402757 VCV xy 0.0000781419
VCV xz -0.000074289 VCV yy 0.0001814333
VCV yz -0.0000586054 VCV zz 0.0002333419

GPSVEC TP Point ID 45362 DX -6686.741 DY 1503.525
Class Normal DZ -1901.770 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1554 sec 239131.8 End wk 1554 sec 239137.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0099591753
VCV xx 0.0001422793 VCV xy 0.0000802755
VCV xz -0.0000741737 VCV yy 0.0001840259
VCV yz -0.0000598933 VCV zz 0.0002315258
    
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GPSVEC	TP	Point ID 45363	DX -6649.895	DY 1478.757
		Class Normal	DZ -1910.129	Code R-70-PS
		Obs L1 Fixed	H.pr 0.032	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 7	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 239169.0	End wk 1554 sec 239174.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0099074291	
		VCV xx 0.0001428562	VCV xy 0.0000816535	
		VCV xz -0.0000732452	VCV yy 0.0001847878	
		VCV yz -0.0000605614	VCV zz 0.0002271974	
GPSVEC	TP	Point ID 45364	DX -6649.326	DY 1477.521
		Class Normal	DZ -1911.181	Code R-70-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 18.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 239182.8	End wk 1554 sec 239188.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0098778429	
		VCV xx 0.000142667	VCV xy 0.0000819523	
		VCV xz -0.0000727957	VCV yy 0.0001845979	
		VCV yz -0.0000606955	VCV zz 0.0002251348	
GPSVEC	TP	Point ID 45365	DX -6650.759	DY 1477.437
		Class Normal	DZ -1912.081	Code R-70-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 19.8	
		Horz SD	Vert SD	
		Start wk 1554 sec 239197.0	End wk 1554 sec 239202.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0098441038	
		VCV xx 0.000142423	VCV xy 0.0000822198	
		VCV xz -0.0000722745	VCV yy 0.0001843152	
		VCV yz -0.0000607839	VCV zz 0.0002228934	
GPSVEC	TP	Point ID 45366	DX -6631.801	DY 1467.794
		Class Normal	DZ -1912.937	Code R-71-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 18.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 239218.0	End wk 1554 sec 239223.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0098177185	
		VCV xx 0.0001428037	VCV xy 0.000083045	
		VCV xz -0.0000718338	VCV yy 0.000184814	
		VCV yz -0.0000612114	VCV zz 0.0002206194	
GPSVEC	TP	Point ID 45367	DX -6630.565	DY 1467.853
		Class Normal	DZ -1912.249	Code R-71-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 239230.0	End wk 1554 sec 239235.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0097815311	
		VCV xx 0.0001423598	VCV xy 0.0000831377	
		VCV xz -0.0000712938	VCV yy 0.0001842748	
		VCV yz -0.0000611916	VCV zz 0.0002183995	
GPSVEC	TP	Point ID 45368	DX -6631.328	DY 1466.720
		Class Normal	DZ -1913.889	Code R-71-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.050
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 7	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 239241.2	End wk 1554 sec 239247.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0097335745	
		VCV xx 0.0001415343	VCV xy 0.0000829737	
		VCV xz -0.0000705816	VCV yy 0.0001832462	
		VCV yz -0.0000609788	VCV zz 0.0002157404	
GPSVEC	TP	Point ID 45369	DX -6644.531	DY 1465.720
		Class Normal	DZ -1921.982	Code P-60
		Obs L1 Fixed	H.pr 0.031	V.pr 0.050

GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	19.9
		Horz SD		Vert SD	
		Start wk 1554 sec	239260.2	End wk 1554 sec	239265.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.009728089
		VCV xx	0.000142338	VCV xy	0.0000839921
		VCV xz	-0.0000704714	VCV yy	0.0001842917
		VCV yz	-0.0000615867	VCV zz	0.0002144976
GPSVEC	TP	Point ID 45370		DX -6659.367	DY 1455.938
		Class Normal		DZ -1941.928	Code R-67-PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.050
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	16.4
		Horz SD		Vert SD	
		Start wk 1554 sec	239286.2	End wk 1554 sec	239291.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0097283935
		VCV xx	0.0001437764	VCV xy	0.0000856234
		VCV xz	-0.0000703827	VCV yy	0.0001861198
		VCV yz	-0.0000625387	VCV zz	0.0002129996
GPSVEC	TP	Point ID 45371		DX -6658.587	DY 1454.717
		Class Normal		DZ -1942.939	Code R-67-PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.050
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	239297.6	End wk 1554 sec	239302.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0097128097
		VCV xx	0.0001438923	VCV xy	0.0000860208
		VCV xz	-0.0000701553	VCV yy	0.0001862898
		VCV yz	-0.0000627455	VCV zz	0.000211765
GPSVEC	TP	Point ID 45372		DX -6657.536	DY 1454.950
		Class Normal		DZ -1942.070	Code R-67-PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.050
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	239309.6	End wk 1554 sec	239314.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0097055519
		VCV xx	0.0001442891	VCV xy	0.0000866143
		VCV xz	-0.0000700351	VCV yy	0.000186819
		VCV yz	-0.0000630841	VCV zz	0.0002108115
GPSVEC	TP	Point ID 45373		DX -6645.181	DY 1448.902
		Class Normal		DZ -1942.540	Code R-66-PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	239331.6	End wk 1554 sec	239336.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0097073847
		VCV xx	0.0001454949	VCV xy	0.0000879858
		VCV xz	-0.0000700076	VCV yy	0.0001883679
		VCV yz	-0.0000638871	VCV zz	0.0002096802
GPSVEC	TP	Point ID 45374		DX -6643.955	DY 1448.980
		Class Normal		DZ -1941.738	Code R-66-PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.051
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	239342.8	End wk 1554 sec	239347.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0096972939
		VCV xx	0.0001457191	VCV xy	0.0000884533
		VCV xz	-0.0000698508	VCV yy	0.0001886861
		VCV yz	-0.0000641453	VCV zz	0.0002086452
GPSVEC	TP	Point ID 45375		DX -6643.334	DY 1447.981
		Class Normal		DZ -1942.650	Code R-66-PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.050
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	19.5
		Horz SD		Vert SD	
		Start wk 1554 sec	239352.8	End wk 1554 sec	239357.8

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0096702222
          VCV xx 0.0001453716 VCV xy 0.0000885442
          VCV xz -0.0000694752 VCV yy 0.0001882853
          VCV yz -0.0000641494 VCV zz 0.0002069946

GPSVEC TP Point ID 45376 DX -6639.115 DY 1445.751
          Class Normal DZ -1942.959 Code R-65-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.7
          Horz SD Vert SD
          Start wk 1554 sec 239368.0 End wk 1554 sec 239373.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0096486416
          VCV xx 0.0001454761 VCV xy 0.0000890537
          VCV xz -0.000069166 VCV yy 0.0001884462
          VCV yz -0.000064404 VCV zz 0.0002053114

GPSVEC TP Point ID 45377 DX -6638.128 DY 1444.521
          Class Normal DZ -1943.894 Code R-65-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.7
          Horz SD Vert SD
          Start wk 1554 sec 239379.0 End wk 1554 sec 239384.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.00962866
          VCV xx 0.0001453741 VCV xy 0.0000893221
          VCV xz -0.000068882 VCV yy 0.0001883545
          VCV yz -0.0000645255 VCV zz 0.0002038861

GPSVEC TP Point ID 45378 DX -6636.346 DY 1444.297
          Class Normal DZ -1943.173 Code R-65-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 7 VDOP max 1.6
          Monitor status Not monitored RMS 15.9
          Horz SD Vert SD
          Start wk 1554 sec 239394.2 End wk 1554 sec 239400.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095935948
          VCV xx 0.0001450631 VCV xy 0.0000895741
          VCV xz -0.0000683657 VCV yy 0.0001879777
          VCV yz -0.0000645775 VCV zz 0.0002016279

GPSVEC TP Point ID 45379 DX -6625.403 DY 1438.874
          Class Normal DZ -1943.492 Code R-64-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 7 VDOP max 1.6
          Monitor status Not monitored RMS 17.9
          Horz SD Vert SD
          Start wk 1554 sec 239412.4 End wk 1554 sec 239418.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095917489
          VCV xx 0.0001459015 VCV xy 0.0000906549
          VCV xz -0.000068342 VCV yy 0.0001890853
          VCV yz -0.0000652247 VCV zz 0.0002005445

GPSVEC TP Point ID 45380 DX -6624.048 DY 1438.827
          Class Normal DZ -1942.751 Code R-64-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.6
          Horz SD Vert SD
          Start wk 1554 sec 239423.2 End wk 1554 sec 239428.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095536523
          VCV xx 0.000145229 VCV xy 0.0000905384
          VCV xz -0.0000678154 VCV yy 0.000188264
          VCV yz -0.0000650648 VCV zz 0.0001984908

GPSVEC TP Point ID 45381 DX -6623.488 DY 1437.896
          Class Normal DZ -1943.584 Code R-64-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 15.8
          Horz SD Vert SD
          Start wk 1554 sec 239434.4 End wk 1554 sec 239439.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095370878
          VCV xx 0.0001452135 VCV xy 0.0000908609
          VCV xz -0.0000675865 VCV yy 0.000188281
          VCV yz -0.0000652243 VCV zz 0.0001972206
    
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GPSVEC TP Point ID 45382      DX -6618.708      DY 1435.483
        Class Normal      DZ -1943.822      Code R-63-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.050

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 15.8
        Horz SD              Vert SD
        Start wk 1554 sec 239450.4 End wk 1554 sec 239455.4

GPSQC2 NM Ttl satellites 7          Err Scale 0.0095293252
        VCV xx 0.0001457407    VCV xy 0.0000916691
        VCV xz -0.0000674721   VCV yy 0.0001889794
        VCV yz -0.0000656788   VCV zz 0.0001960388

GPSVEC TP Point ID 45383      DX -6617.713      DY 1434.292
        Class Normal      DZ -1944.736      Code R-63-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.050

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 5        VDOP max 1.6
        Monitor status Not monitored RMS 17.5
        Horz SD              Vert SD
        Start wk 1554 sec 239460.6 End wk 1554 sec 239466.6

GPSQC2 NM Ttl satellites 7          Err Scale 0.0095096687
        VCV xx 0.0001456493    VCV xy 0.0000919451
        VCV xz -0.0000672174   VCV yy 0.0001889013
        VCV yz -0.0000658053   VCV zz 0.0001946904

GPSVEC TP Point ID 45384      DX -6616.399      DY 1434.382
        Class Normal      DZ -1943.849      Code R-63-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.050

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 19.2
        Horz SD              Vert SD
        Start wk 1554 sec 239472.6 End wk 1554 sec 239477.6

GPSQC2 NM Ttl satellites 7          Err Scale 0.0095168129
        VCV xx 0.0001463816    VCV xy 0.0000927736
        VCV xz -0.0000673348   VCV yy 0.0001898812
        VCV yz -0.0000663312   VCV zz 0.000194327

GPSVEC TP Point ID 45385      DX -6605.468      DY 1428.970
        Class Normal      DZ -1944.194      Code R-62-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.050

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 19.2
        Horz SD              Vert SD
        Start wk 1554 sec 239494.8 End wk 1554 sec 239499.8

GPSQC2 NM Ttl satellites 7          Err Scale 0.0095365345
        VCV xx 0.0001480642    VCV xy 0.0000945042
        VCV xz -0.0000675877   VCV yy 0.0001920481
        VCV yz -0.0000673703   VCV zz 0.0001938825

GPSVEC TP Point ID 45386      DX -6604.083      DY 1428.953
        Class Normal      DZ -1943.430      Code R-62-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.050

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 15.7
        Horz SD              Vert SD
        Start wk 1554 sec 239504.8 End wk 1554 sec 239509.8

GPSQC2 NM Ttl satellites 7          Err Scale 0.0095487256
        VCV xx 0.0001489053    VCV xy 0.000095393
        VCV xz -0.0000678034   VCV yy 0.000193195
        VCV yz -0.0000679584   VCV zz 0.0001938007

GPSVEC TP Point ID 45387      DX -6603.216      DY 1427.824
        Class Normal      DZ -1944.311      Code R-62-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.050

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 15.7
        Horz SD              Vert SD
        Start wk 1554 sec 239513.8 End wk 1554 sec 239518.8

GPSQC2 NM Ttl satellites 7          Err Scale 0.0095148729
        VCV xx 0.00014823      VCV xy 0.0000952018
        VCV xz -0.0000673323   VCV yy 0.0001923587
        VCV yz -0.0000677517   VCV zz 0.0001920501

GPSVEC TP Point ID 45388      DX -6592.771      DY 1444.659
        Class Normal      DZ -1918.469      Code R-72-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.050
    
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GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1554 sec 239536.0 End wk 1554 sec 239541.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095229894
VCV xx 0.0001495036 VCV xy 0.0000966925
VCV xz -0.0000674473 VCV yy 0.0001940348
VCV yz -0.0000686294 VCV zz 0.0001911601

GPSVEC TP Point ID 45389 DX -6592.067 DY 1445.771
Class Normal DZ -1916.855 Code R-72-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1554 sec 239548.0 End wk 1554 sec 239553.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095072882
VCV xx 0.0001495213 VCV xy 0.0000970784
VCV xz -0.0000672537 VCV yy 0.0001941178
VCV yz -0.0000688276 VCV zz 0.0001899119

GPSVEC TP Point ID 45390 DX -6591.587 DY 1444.774
Class Normal DZ -1917.713 Code R-72-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.4
Horz SD Vert SD
Start wk 1554 sec 239559.0 End wk 1554 sec 239564.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094889523
VCV xx 0.0001493901 VCV xy 0.0000973377
VCV xz -0.0000670192 VCV yy 0.0001940082
VCV yz -0.0000689457 VCV zz 0.0001886004

GPSVEC TP Point ID 45391 DX -6573.707 DY 1434.786
Class Normal DZ -1919.654 Code R-73-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 239577.2 End wk 1554 sec 239582.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094885584
VCV xx 0.0001501743 VCV xy 0.0000984067
VCV xz -0.0000670321 VCV yy 0.0001950706
VCV yz -0.0000695642 VCV zz 0.0001876018

GPSVEC TP Point ID 45392 DX -6572.510 DY 1434.973
Class Normal DZ -1918.881 Code R-73-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.7
Horz SD Vert SD
Start wk 1554 sec 239587.2 End wk 1554 sec 239592.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094672963
VCV xx 0.000149902 VCV xy 0.0000985444
VCV xz -0.0000667679 VCV yy 0.0001947848
VCV yz -0.0000696074 VCV zz 0.0001862597

GPSVEC TP Point ID 45393 DX -6573.327 DY 1433.811
Class Normal DZ -1920.565 Code R-73-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 239597.4 End wk 1554 sec 239603.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.009456791
VCV xx 0.0001500309 VCV xy 0.0000989762
VCV xz -0.0000666597 VCV yy 0.0001950149
VCV yz -0.0000698472 VCV zz 0.0001852963

GPSVEC TP Point ID 45394 DX -6590.437 DY 1431.816
Class Normal DZ -1932.189 Code P-56
Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1554 sec 239616.4 End wk 1554 sec 239621.4

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0094497195
          VCV xx 0.0001505869 VCV xy 0.0000999047
          VCV xz -0.0000665678 VCV yy 0.0001957889
          VCV yz -0.0000703487 VCV zz 0.0001840162

GPSVEC TP Point ID 45395 DX -6598.363 DY 1425.402
          Class Normal DZ -1944.481 Code R-51-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 19.2
          Horz SD Vert SD
          Start wk 1554 sec 239635.4 End wk 1554 sec 239640.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094834706
          VCV xx 0.0001525188 VCV xy 0.0001018213
          VCV xz -0.0000670919 VCV yy 0.000198356
          VCV yz -0.0000715607 VCV zz 0.0001842327

GPSVEC TP Point ID 45396 DX -6597.328 DY 1424.263
          Class Normal DZ -1945.329 Code R-51-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.4
          Horz SD Vert SD
          Start wk 1554 sec 239646.4 End wk 1554 sec 239651.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094673205
          VCV xx 0.0001524058 VCV xy 0.00010207
          VCV xz -0.0000668791 VCV yy 0.0001982727
          VCV yz -0.0000716575 VCV zz 0.0001830569

GPSVEC TP Point ID 45397 DX -6596.112 DY 1424.314
          Class Normal DZ -1944.515 Code R-51-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.4
          Horz SD Vert SD
          Start wk 1554 sec 239655.4 End wk 1554 sec 239660.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094796233
          VCV xx 0.0001531767 VCV xy 0.0001029126
          VCV xz -0.0000671148 VCV yy 0.0001993533
          VCV yz -0.0000722155 VCV zz 0.0001830374

GPSVEC TP Point ID 45398 DX -6597.549 DY 1422.996
          Class Normal DZ -1947.013 Code DS-15\R-61-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 17.5
          Horz SD Vert SD
          Start wk 1554 sec 239677.4 End wk 1554 sec 239682.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094884606
          VCV xx 0.0001543733 VCV xy 0.0001043919
          VCV xz -0.0000672573 VCV yy 0.0002009721
          VCV yz -0.000073064 VCV zz 0.000182177

GPSVEC TP Point ID 45399 DX -6598.194 DY 1420.498
          Class Normal DZ -1950.580 Code DS-15\R-61-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 19.2
          Horz SD Vert SD
          Start wk 1554 sec 239688.6 End wk 1554 sec 239693.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095008509
          VCV xx 0.000155202 VCV xy 0.0001053474
          VCV xz -0.0000674892 VCV yy 0.0002021407
          VCV yz -0.0000736827 VCV zz 0.0001820096

GPSVEC TP Point ID 45400 DX -6585.590 DY 1419.196
          Class Normal DZ -1944.832 Code R-50-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 19.2
          Horz SD Vert SD
          Start wk 1554 sec 239710.6 End wk 1554 sec 239715.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.009508634
          VCV xx 0.0001563354 VCV xy 0.0001068042
          VCV xz -0.0000676303 VCV yy 0.0002037056
          VCV yz -0.0000745185 VCV zz 0.0001811091
    
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GPSVEC TP Point ID 45401      DX -6583.982      DY 1418.976
        Class Normal        DZ -1944.160      Code R-50-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes    HDOP max 1.0
        Total GPS pos 6      VDOP max 1.6
        Monitor status Not monitored RMS 19.2
        Horz SD              Vert SD
        Start wk 1554 sec 239722.8 End wk 1554 sec 239727.8

GPSQC2 NM Ttl satellites 7      Err Scale 0.0095195519
        VCV xx 0.0001571581 VCV xy 0.0001077998
        VCV xz -0.000067854 VCV yy 0.0002048827
        VCV yz -0.000075157 VCV zz 0.0001808384

GPSVEC TP Point ID 45402      DX -6583.357      DY 1418.118
        Class Normal        DZ -1944.901      Code R-50-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes    HDOP max 1.0
        Total GPS pos 6      VDOP max 1.6
        Monitor status Not monitored RMS 15.7
        Horz SD              Vert SD
        Start wk 1554 sec 239732.8 End wk 1554 sec 239737.8

GPSQC2 NM Ttl satellites 7      Err Scale 0.0095024956
        VCV xx 0.000156943 VCV xy 0.0001079883
        VCV xz -0.000067662 VCV yy 0.0002047064
        VCV yz -0.000075244 VCV zz 0.0001796821

GPSVEC TP Point ID 45403      DX -6577.827      DY 1415.407
        Class Normal        DZ -1945.075      Code R-49-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes    HDOP max 1.0
        Total GPS pos 6      VDOP max 1.6
        Monitor status Not monitored RMS 15.7
        Horz SD              Vert SD
        Start wk 1554 sec 239749.8 End wk 1554 sec 239754.8

GPSQC2 NM Ttl satellites 7      Err Scale 0.0095092822
        VCV xx 0.0001578246 VCV xy 0.0001091615
        VCV xz -0.0000678262 VCV yy 0.0002059668
        VCV yz -0.0000759469 VCV zz 0.00017901

GPSVEC TP Point ID 45404      DX -6576.728      DY 1414.197
        Class Normal        DZ -1945.920      Code R-49-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes    HDOP max 1.0
        Total GPS pos 6      VDOP max 1.6
        Monitor status Not monitored RMS 19.2
        Horz SD              Vert SD
        Start wk 1554 sec 239759.8 End wk 1554 sec 239765.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0094954781
        VCV xx 0.0001577065 VCV xy 0.0001094185
        VCV xz -0.0000676858 VCV yy 0.0002059192
        VCV yz -0.0000760815 VCV zz 0.0001779769

GPSVEC TP Point ID 45405      DX -6575.526      DY 1414.267
        Class Normal        DZ -1945.171      Code R-49-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes    HDOP max 1.0
        Total GPS pos 6      VDOP max 1.6
        Monitor status Not monitored RMS 19.2
        Horz SD              Vert SD
        Start wk 1554 sec 239771.0 End wk 1554 sec 239776.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0094873067
        VCV xx 0.0001578061 VCV xy 0.0001098596
        VCV xz -0.0000676213 VCV yy 0.0002061541
        VCV yz -0.0000763328 VCV zz 0.0001770789

GPSVEC TP Point ID 45406      DX -6565.233      DY 1409.344
        Class Normal        DZ -1945.358      Code R-48-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 1.9
        Relative DOPs Yes    HDOP max 1.0
        Total GPS pos 6      VDOP max 1.6
        Monitor status Not monitored RMS 19.2
        Horz SD              Vert SD
        Start wk 1554 sec 239787.0 End wk 1554 sec 239792.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0095200958
        VCV xx 0.0001595157 VCV xy 0.0001116328
        VCV xz -0.0000681711 VCV yy 0.0002085045
        VCV yz -0.0000774734 VCV zz 0.0001773439

GPSVEC TP Point ID 45407      DX -6563.625      DY 1409.280
        Class Normal        DZ -1944.527      Code R-48-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.051
    
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GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 239797.2 End wk 1554 sec 239803.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094959745
VCV xx 0.0001590862 VCV xy 0.0001116673
VCV xz -0.0000678571 VCV yy 0.0002080281
VCV yz -0.0000774148 VCV zz 0.0001759092

GPSVEC TP Point ID 45408 DX -6562.819 DY 1408.201
Class Normal DZ -1945.426 Code R-48-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 239807.2 End wk 1554 sec 239812.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095117977
VCV xx 0.0001599173 VCV xy 0.0001126047
VCV xz -0.0000681598 VCV yy 0.000209232
VCV yz -0.0000780465 VCV zz 0.0001759605

GPSVEC TP Point ID 45409 DX -6557.708 DY 1405.693
Class Normal DZ -1945.616 Code R-47-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 239826.2 End wk 1554 sec 239831.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095186494
VCV xx 0.0001608413 VCV xy 0.000113862
VCV xz -0.0000682983 VCV yy 0.0002105469
VCV yz -0.0000787548 VCV zz 0.000175175

GPSVEC TP Point ID 45410 DX -6556.444 DY 1405.789
Class Normal DZ -1944.754 Code R-47-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.8
Horz SD Vert SD
Start wk 1554 sec 239836.2 End wk 1554 sec 239841.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095049618
VCV xx 0.0001606897 VCV xy 0.0001141018
VCV xz -0.0000681644 VCV yy 0.000210472
VCV yz -0.0000788796 VCV zz 0.0001741527

GPSVEC TP Point ID 45411 DX -6556.223 DY 1404.260
Class Normal DZ -1946.536 Code R-47-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1554 sec 239846.4 End wk 1554 sec 239851.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095015084
VCV xx 0.0001609132 VCV xy 0.0001146415
VCV xz -0.0000681737 VCV yy 0.0002108884
VCV yz -0.0000792003 VCV zz 0.0001734308

GPSVEC TP Point ID 45412 DX -6555.136 DY 1404.495
Class Normal DZ -1945.634 Code R-47-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.5
Horz SD Vert SD
Start wk 1554 sec 239857.4 End wk 1554 sec 239862.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094855241
VCV xx 0.0001607255 VCV xy 0.000114858
VCV xz -0.0000679872 VCV yy 0.0002107443
VCV yz -0.0000792766 VCV zz 0.0001722957

GPSVEC TP Point ID 45413 DX -6536.900 DY 1395.331
Class Normal DZ -1946.259 Code R-46-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.5
Horz SD Vert SD
Start wk 1554 sec 239876.4 End wk 1554 sec 239881.4

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0095052468
VCV xx 0.0001620302 VCV xy 0.0001164471
VCV xz -0.0000683436 VCV yy 0.0002126112
VCV yz -0.0000802431 VCV zz 0.0001719183

GPSVEC TP Point ID 45414 DX -6535.613 DY 1395.369
Class Normal DZ -1945.458 Code R-46-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1554 sec 239885.6 End wk 1554 sec 239891.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095184948
VCV xx 0.0001627975 VCV xy 0.0001173844
VCV xz -0.0000686139 VCV yy 0.0002137527
VCV yz -0.0000808575 VCV zz 0.000171819

GPSVEC TP Point ID 45415 DX -6535.800 DY 1393.965
Class Normal DZ -1947.164 Code R-46-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 239895.4 End wk 1554 sec 239900.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095525458
VCV xx 0.0001642727 VCV xy 0.000118815
VCV xz -0.0000691871 VCV yy 0.0002158067
VCV yz -0.0000818159 VCV zz 0.0001724996

GPSVEC TP Point ID 45416 DX -6534.531 DY 1394.064
Class Normal DZ -1946.270 Code R-46-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.5
Horz SD Vert SD
Start wk 1554 sec 239904.4 End wk 1554 sec 239909.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095404852
VCV xx 0.0001641227 VCV xy 0.000118986
VCV xz -0.0000690285 VCV yy 0.0002156877
VCV yz -0.0000818589 VCV zz 0.0001715913

GPSVEC TP Point ID 45417 DX -6532.227 DY 1398.006
Class Normal DZ -1940.314 Code DS-50\R-74-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.6
Horz SD Vert SD
Start wk 1554 sec 239934.6 End wk 1554 sec 239939.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095997304
VCV xx 0.0001671742 VCV xy 0.000122272
VCV xz -0.0000700017 VCV yy 0.0002199494
VCV yz -0.0000838858 VCV zz 0.0001719267

NOTE TS Time Date 10/20/2009 Time 14:38:56

GPSVEC TP Point ID 45418 DX -6529.796 DY 1399.981
Class Normal DZ -1936.655 Code DS-50\R-74-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.4
Horz SD Vert SD
Start wk 1554 sec 239947.8 End wk 1554 sec 239952.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0096091619
VCV xx 0.0001678897 VCV xy 0.0001232719
VCV xz -0.0000702192 VCV yy 0.0002210613
VCV yz -0.0000845035 VCV zz 0.000171538

GPSVEC TP Point ID 45419 DX -6516.407 DY 1385.206
Class Normal DZ -1947.002 Code R-45-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1554 sec 239976.0 End wk 1554 sec 239981.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0096426839
VCV xx 0.0001698982 VCV xy 0.0001257741
VCV xz -0.0000708531 VCV yy 0.0002240393
VCV yz -0.0000860405 VCV zz 0.0001711045
    
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GPSVEC	TP	Point ID 45420	DX -6514.799	DY 1385.093
		Class Normal	DZ -1946.270	Code R-45-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 17.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 239986.2	End wk 1554 sec 239991.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096278768	
		VCV xx 0.0001696105	VCV xy 0.0001259345	
		VCV xz -0.0000707172	VCV yy 0.000223846	
		VCV yz -0.0000861265	VCV zz 0.0001700619	
GPSVEC	TP	Point ID 45421	DX -6515.415	DY 1383.930
		Class Normal	DZ -1948.009	Code R-45-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 239996.2	End wk 1554 sec 240001.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096477838	
		VCV xx 0.0001705663	VCV xy 0.0001270639	
		VCV xz -0.0000711169	VCV yy 0.0002253038	
		VCV yz -0.0000868923	VCV zz 0.0001701842	
GPSVEC	TP	Point ID 45422	DX -6513.984	DY 1383.983
		Class Normal	DZ -1947.159	Code R-45-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 7	VDOP max 1.6	
		Monitor status Not monitored	RMS 19.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 240006.4	End wk 1554 sec 240012.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096396003	
		VCV xx 0.0001705378	VCV xy 0.0001274377	
		VCV xz -0.0000710726	VCV yy 0.0002254453	
		VCV yz -0.0000871083	VCV zz 0.0001693246	
GPSVEC	TP	Point ID 45423	DX -6496.061	DY 1375.230
		Class Normal	DZ -1947.716	Code R-44-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 17.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 240026.4	End wk 1554 sec 240031.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096512493	
		VCV xx 0.0001714982	VCV xy 0.0001288811	
		VCV xz -0.0000713359	VCV yy 0.0002269661	
		VCV yz -0.0000879551	VCV zz 0.0001685731	
GPSVEC	TP	Point ID 45424	DX -6495.064	DY 1374.001
		Class Normal	DZ -1948.632	Code R-44-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 5	VDOP max 1.6	
		Monitor status Not monitored	RMS 17.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 240037.4	End wk 1554 sec 240042.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096568502	
		VCV xx 0.0001719623	VCV xy 0.0001296504	
		VCV xz -0.0000714946	VCV yy 0.0002277618	
		VCV yz -0.0000884344	VCV zz 0.0001681404	
GPSVEC	TP	Point ID 45425	DX -6493.578	DY 1373.898
		Class Normal	DZ -1947.813	Code R-44-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 240047.6	End wk 1554 sec 240052.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096617118	
		VCV xx 0.0001723715	VCV xy 0.0001303423	
		VCV xz -0.0000716402	VCV yy 0.0002284768	
		VCV yz -0.0000888688	VCV zz 0.0001677484	
GPSVEC	TP	Point ID 45426	DX -6494.259	DY 1374.921
		Class Normal	DZ -1946.961	Code R-44-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.052

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GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 240057.6 End wk 1554 sec 240062.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0096929707
VCV xx 0.0001737383 VCV xy 0.0001318076
VCV xz -0.0000722061 VCV yy 0.0002304799
VCV yz -0.0000898499 VCV zz 0.0001682164

GPSVEC TP Point ID 45427 DX -6490.861 DY 1372.510
Class Normal DZ -1947.817 Code R-43-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 20.2
Horz SD Vert SD
Start wk 1554 sec 240092.8 End wk 1554 sec 240097.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100075677
VCV xx 0.0001861418 VCV xy 0.0001425624
VCV xz -0.0000771198 VCV yy 0.0002474177
VCV yz -0.0000968958 VCV zz 0.0001771456

GPSVEC TP Point ID 45428 DX -6488.598 DY 1371.465
Class Normal DZ -1947.776 Code R-43-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.3
Horz SD Vert SD
Start wk 1554 sec 240103.8 End wk 1554 sec 240108.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100820325
VCV xx 0.0001891511 VCV xy 0.000145369
VCV xz -0.0000783933 VCV yy 0.0002516893
VCV yz -0.0000987948 VCV zz 0.0001791088

GPSVEC TP Point ID 45429 DX -6475.503 DY 1365.133
Class Normal DZ -1947.998 Code R-42-PS
Obs L1 Fixed H.pr 0.033 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.3
Horz SD Vert SD
Start wk 1554 sec 240121.0 End wk 1554 sec 240126.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0102677383
VCV xx 0.0001965745 VCV xy 0.0001518163
VCV xz -0.0000814494 VCV yy 0.0002619307
VCV yz -0.0001031054 VCV zz 0.0001846951

GPSVEC TP Point ID 45430 DX -6474.695 DY 1364.105
Class Normal DZ -1948.799 Code R-42-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.2
Horz SD Vert SD
Start wk 1554 sec 240131.0 End wk 1554 sec 240136.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101265293
VCV xx 0.0001913833 VCV xy 0.000148236
VCV xz -0.0000793224 VCV yy 0.0002552666
VCV yz -0.0001006605 VCV zz 0.0001790766

GPSVEC TP Point ID 45431 DX -6473.029 DY 1364.797
Class Normal DZ -1946.961 Code R-42-PS
Obs L1 Fixed H.pr 0.033 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.9
Horz SD Vert SD
Start wk 1554 sec 240150.0 End wk 1554 sec 240155.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0102481889
VCV xx 0.0001964302 VCV xy 0.0001529774
VCV xz -0.0000813896 VCV yy 0.0002623957
VCV yz -0.0001037921 VCV zz 0.0001821778

GPSVEC TP Point ID 45432 DX -6472.718 DY 1363.900
Class Normal DZ -1947.885 Code R-42-PS
Obs L1 Fixed H.pr 0.033 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 20.8
Horz SD Vert SD
Start wk 1554 sec 240171.4 End wk 1554 sec 240177.2

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GPSQC2 NM Ttl satellites 7 Err Scale 0.010227412
VCV xx 0.000196103 VCV xy 0.0001536858
VCV xz -0.0000812309 VCV yy 0.0002624258
VCV yz -0.0001041687 VCV zz 0.00018002

GPSVEC TP Point ID 45433 DX -6466.633 DY 1361.598
Class Normal DZ -1947.402 Code DS-13\R-41-PS
Obs L1 Fixed H.pr 0.034 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 17.7
Horz SD Vert SD
Start wk 1554 sec 240197.4 End wk 1554 sec 240202.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0105381729
VCV xx 0.0002087506 VCV xy 0.000164817
VCV xz -0.000086459 VCV yy 0.000279963
VCV yz -0.0001115858 VCV zz 0.0001893412

GPSVEC TP Point ID 45434 DX -6462.050 DY 1359.764
Class Normal DZ -1947.069 Code DS-13\R-41-PS
Obs L1 Fixed H.pr 0.034 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.0
Horz SD Vert SD
Start wk 1554 sec 240212.4 End wk 1554 sec 240217.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0105706006
VCV xx 0.000210314 VCV xy 0.0001667669
VCV xz -0.00008713 VCV yy 0.0002824567
VCV yz -0.0001128526 VCV zz 0.0001894971

GPSVEC TP Point ID 45435 DX -6455.261 DY 1357.009
Class Normal DZ -1946.731 Code R-38-PS
Obs L1 Fixed H.pr 0.035 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.0
Horz SD Vert SD
Start wk 1554 sec 240246.6 End wk 1554 sec 240251.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0108472677
VCV xx 0.0002221193 VCV xy 0.0001777935
VCV xz -0.0000920227 VCV yy 0.0002991996
VCV yz -0.0001201243 VCV zz 0.00019711

GPSVEC TP Point ID 45436 DX -6453.858 DY 1355.577
Class Normal DZ -1947.804 Code R-38-PS
Obs L1 Fixed H.pr 0.035 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.0
Horz SD Vert SD
Start wk 1554 sec 240260.6 End wk 1554 sec 240265.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0110346098
VCV xx 0.0002272035 VCV xy 0.0001826331
VCV xz -0.0000942293 VCV yy 0.000306543
VCV yz -0.0001233951 VCV zz 0.0002004409

GPSVEC TP Point ID 45437 DX -6452.815 DY 1355.770
Class Normal DZ -1947.008 Code R-38-PS
Obs L1 Fixed H.pr 0.035 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.7
Horz SD Vert SD
Start wk 1554 sec 240271.6 End wk 1554 sec 240276.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0108369952
VCV xx 0.0002220331 VCV xy 0.0001790395
VCV xz -0.0000921476 VCV yy 0.0002999331
VCV yz -0.000120954 VCV zz 0.0001950101

GPSVEC TP Point ID 45438 DX -6452.137 DY 1355.547
Class Normal DZ -1946.994 Code EXT
Obs L1 Fixed H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 240286.8 End wk 1554 sec 240291.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0107910195
VCV xx 0.0002203554 VCV xy 0.0001784454
VCV xz -0.0000915168 VCV yy 0.0002981354
VCV yz -0.0001205149 VCV zz 0.0001923179
    
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GPSVEC	TP	Point ID 45439	DX -6451.161	DY 1355.310
		Class Normal	DZ -1946.674	Code EXT
		Obs L1 Fixed	H.pr 0.035	V.pr 0.060
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 18.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 240295.8	End wk 1554 sec 240300.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.011013696	
		VCV xx 0.000228105	VCV xy 0.0001851964	
		VCV xz -0.0000948043	VCV yy 0.0003089502	
		VCV yz -0.0001250748	VCV zz 0.0001983914	
GPSVEC	TP	Point ID 45440	DX -6450.722	DY 1355.432
		Class Normal	DZ -1946.214	Code EXT
		Obs L1 Fixed	H.pr 0.034	V.pr 0.058
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 18.6	
		Horz SD	Vert SD	
		Start wk 1554 sec 240305.8	End wk 1554 sec 240310.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0107795633	
		VCV xx 0.0002200536	VCV xy 0.0001791636	
		VCV xz -0.0000915427	VCV yy 0.0002984129	
		VCV yz -0.0001210104	VCV zz 0.000190691	
GPSVEC	TP	Point ID 45441	DX -6450.351	DY 1355.656
		Class Normal	DZ -1945.685	Code R-37-PS
		Obs L1 Fixed	H.pr 0.035	V.pr 0.059
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 21.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 240323.0	End wk 1554 sec 240328.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0109323729	
		VCV xx 0.0002265308	VCV xy 0.000185319	
		VCV xz -0.0000943283	VCV yy 0.0003077585	
		VCV yz -0.0001251296	VCV zz 0.0001949329	
GPSVEC	TP	Point ID 45442	DX -6449.519	DY 1357.304
		Class Normal	DZ -1943.012	Code R-37-PS
		Obs L1 Fixed	H.pr 0.035	V.pr 0.059
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 19.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 240341.0	End wk 1554 sec 240346.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.010859387	
		VCV xx 0.0002237024	VCV xy 0.0001839301	
		VCV xz -0.0000932521	VCV yy 0.0003045148	
		VCV yz -0.0001241527	VCV zz 0.0001910829	
GPSVEC	TP	Point ID 45443	DX -6446.371	DY 1355.816
		Class Normal	DZ -1943.141	Code R-37-PS
		Obs L1 Fixed	H.pr 0.035	V.pr 0.059
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 18.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 240354.2	End wk 1554 sec 240359.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.010988622	
		VCV xx 0.0002291565	VCV xy 0.0001891016	
		VCV xz -0.0000956305	VCV yy 0.0003124256	
		VCV yz -0.0001276395	VCV zz 0.0001947708	
GPSVEC	TP	Point ID 45444	DX -6446.243	DY 1355.103
		Class Normal	DZ -1943.844	Code R-37-PS
		Obs L1 Fixed	H.pr 0.035	V.pr 0.059
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 22.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 240364.2	End wk 1554 sec 240369.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0108307013	
		VCV xx 0.0002226643	VCV xy 0.0001843153	
		VCV xz -0.0000930532	VCV yy 0.000304001	
		VCV yz -0.0001244521	VCV zz 0.0001885257	
GPSVEC	TP	Point ID 45445	DX -6446.196	DY 1354.669
		Class Normal	DZ -1944.350	Code R-37-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.060

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GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 22.1
Horz SD Vert SD
Start wk 1554 sec 240373.2 End wk 1554 sec 240378.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0111411335
VCV xx 0.0002339867 VCV xy 0.000194181
VCV xz -0.000097868 VCV yy 0.0003198161
VCV yz -0.0001311162 VCV zz 0.0001974347

GPSVEC TP Point ID 45446 DX -6455.363 DY 1350.108
Class Normal DZ -1955.217 Code R-40-PS
Obs L1 Fixed H.pr 0.035 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 22.2
Horz SD Vert SD
Start wk 1554 sec 240395.2 End wk 1554 sec 240400.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.011005329
VCV xx 0.0002301466 VCV xy 0.0001921126
VCV xz -0.0000963484 VCV yy 0.0003152812
VCV yz -0.0001296162 VCV zz 0.0001924411

GPSVEC TP Point ID 45447 DX -6454.809 DY 1349.140
Class Normal DZ -1956.138 Code R-40-PS
Obs L1 Fixed H.pr 0.035 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 20.9
Horz SD Vert SD
Start wk 1554 sec 240406.2 End wk 1554 sec 240411.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0110451859
VCV xx 0.0002318347 VCV xy 0.0001941208
VCV xz -0.0000971561 VCV yy 0.0003180673
VCV yz -0.0001309663 VCV zz 0.000193075

GPSVEC TP Point ID 45448 DX -6455.965 DY 1348.802
Class Normal DZ -1957.212 Code R-40-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.8
Horz SD Vert SD
Start wk 1554 sec 240416.4 End wk 1554 sec 240421.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.011371241
VCV xx 0.000240413 VCV xy 0.0002019134
VCV xz -0.0001008961 VCV yy 0.0003303108
VCV yz -0.000136265 VCV zz 0.0001994747

GPSVEC TP Point ID 45449 DX -6452.658 DY 1348.334
Class Normal DZ -1955.853 Code R-39-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 20.2
Horz SD Vert SD
Start wk 1554 sec 240430.6 End wk 1554 sec 240435.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0121438634
VCV xx 0.0002577299 VCV xy 0.0002173047
VCV xz -0.0001082941 VCV yy 0.0003547053
VCV yz -0.0001466325 VCV zz 0.0002126641

GPSVEC TP Point ID 45450 DX -6450.054 DY 1347.732
Class Normal DZ -1955.107 Code R-39-S
Obs L1 Fixed H.pr 0.039 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 24.0
Horz SD Vert SD
Start wk 1554 sec 240444.8 End wk 1554 sec 240449.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0121301329
VCV xx 0.0002582604 VCV xy 0.0002185962
VCV xz -0.0001086752 VCV yy 0.0003560824
VCV yz -0.0001475098 VCV zz 0.0002120123

GPSVEC TP Point ID 45451 DX -6449.084 DY 1346.415
Class Normal DZ -1956.289 Code R-39-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 22.1
Horz SD Vert SD
Start wk 1554 sec 240458.0 End wk 1554 sec 240464.0
    
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GPSQC2 NM Ttl satellites 7 Err Scale 0.0121167153
VCV xx 0.0002582942 VCV xy 0.0002194246
VCV xz -0.0001088097 VCV yy 0.0003567334
VCV yz -0.0001480393 VCV zz 0.000210964

GPSVEC TP Point ID 45452 DX -6449.576 DY 1345.456
Class Normal DZ -1957.775 Code R-39-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 19.7
Horz SD Vert SD
Start wk 1554 sec 240470.0 End wk 1554 sec 240475.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.01161025
VCV xx 0.0002479157 VCV xy 0.000211287
VCV xz -0.0001046238 VCV yy 0.0003429799
VCV yz -0.0001426128 VCV zz 0.0002017478

GPSVEC TP Point ID 45453 DX -6450.187 DY 1345.386
Class Normal DZ -1958.280 Code R-39-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 3.0
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 11.1
Horz SD Vert SD
Start wk 1554 sec 240481.0 End wk 1554 sec 240486.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080027916
VCV xx 0.000264375 VCV xy 0.0002275447
VCV xz -0.0001118479 VCV yy 0.0003641046
VCV yz -0.0001516526 VCV zz 0.0002094653

GPSVEC TP Point ID 45454 DX -6435.953 DY 1335.409
Class Normal DZ -1974.002 Code P-28
Obs L1 Fixed H.pr 0.041 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 3.1
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.6
Monitor status Not monitored RMS 11.4
Horz SD Vert SD
Start wk 1554 sec 240511.2 End wk 1554 sec 240516.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0078414185
VCV xx 0.0002885525 VCV xy 0.0002555225
VCV xz -0.0001227735 VCV yy 0.0003915222
VCV yz -0.0001636473 VCV zz 0.0002096977

GPSVEC TP Point ID 45455 DX -6441.210 DY 1335.419
Class Normal DZ -1976.971 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.067

GPSQC1 NM Min SVs 6 PDOP max 3.1
Relative DOPs Yes HDOP max 1.7
Total GPS pos 7 VDOP max 2.7
Monitor status Not monitored RMS 15.0
Horz SD Vert SD
Start wk 1554 sec 240524.4 End wk 1554 sec 240530.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0079351487
VCV xx 0.0003038183 VCV xy 0.0002713333
VCV xz -0.0001295633 VCV yy 0.0004111303
VCV yz -0.0001720655 VCV zz 0.0002154803

GPSVEC TP Point ID 45456 DX -6432.208 DY 1336.147
Class Normal DZ -1970.854 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.068

GPSQC1 NM Min SVs 6 PDOP max 3.2
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.7
Monitor status Not monitored RMS 13.4
Horz SD Vert SD
Start wk 1554 sec 240540.2 End wk 1554 sec 240545.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0079317708
VCV xx 0.0003126459 VCV xy 0.0002815295
VCV xz -0.0001337332 VCV yy 0.0004224326
VCV yz -0.0001771231 VCV zz 0.0002169096

GPSVEC TP Point ID 45457 DX -6428.326 DY 1338.127
Class Normal DZ -1966.064 Code P-27
Obs L1 Fixed H.pr 0.043 V.pr 0.069

GPSQC1 NM Min SVs 6 PDOP max 3.2
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.7
Monitor status Not monitored RMS 15.1
Horz SD Vert SD
Start wk 1554 sec 240557.4 End wk 1554 sec 240562.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0079245996
VCV xx 0.0003224122 VCV xy 0.0002928253
VCV xz -0.000138388 VCV yy 0.0004353737
VCV yz -0.0001829448 VCV zz 0.0002188718
    
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GPSVEC	TP	Point ID 45458	DX	-6425.959	DY	1340.730
		Class Normal	DZ	-1961.189	Code	PS
		Obs L1 Fixed	H.pr	0.043	V.pr	0.070
GPSQC1	NM	Min SVs 6	PDOP max	3.3		
		Relative DOPs Yes	HDOP max	1.7		
		Total GPS pos 6	VDOP max	2.8		
		Monitor status Not monitored	RMS	15.4		
		Horz SD	Vert SD			
		Start wk 1554 sec 240570.6	End wk 1554 sec 240575.6			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0079203574		
		VCV xx 0.0003286473	VCV xy	0.0003001391		
		VCV xz -0.0001414243	VCV yy	0.0004439418		
		VCV yz -0.0001868459	VCV zz	0.0002202468		
GPSVEC	TP	Point ID 45459	DX	-6423.724	DY	1344.488
		Class Normal	DZ	-1955.492	Code	P-26
		Obs L1 Fixed	H.pr	0.044	V.pr	0.073
GPSQC1	NM	Min SVs 6	PDOP max	3.3		
		Relative DOPs Yes	HDOP max	1.7		
		Total GPS pos 6	VDOP max	2.8		
		Monitor status Not monitored	RMS	13.8		
		Horz SD	Vert SD			
		Start wk 1554 sec 240585.6	End wk 1554 sec 240590.8			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0080400044		
		VCV xx 0.0003453447	VCV xy	0.0003172193		
		VCV xz -0.0001490346	VCV yy	0.0004669321		
		VCV yz -0.0001968816	VCV zz	0.0002285226		
GPSVEC	TP	Point ID 45460	DX	-6421.302	DY	1348.822
		Class Normal	DZ	-1948.964	Code	PS
		Obs L1 Fixed	H.pr	0.045	V.pr	0.075
GPSQC1	NM	Min SVs 6	PDOP max	3.4		
		Relative DOPs Yes	HDOP max	1.7		
		Total GPS pos 6	VDOP max	3.1		
		Monitor status Not monitored	RMS	16.5		
		Horz SD	Vert SD			
		Start wk 1554 sec 240601.8	End wk 1554 sec 240606.8			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.008116493		
		VCV xx 0.0003586646	VCV xy	0.0003313147		
		VCV xz -0.0001552525	VCV yy	0.0004856949		
		VCV yz -0.0002051924	VCV zz	0.0002346813		
GPSVEC	TP	Point ID 45461	DX	-6419.432	DY	1352.762
		Class Normal	DZ	-1943.730	Code	P-30
		Obs L1 Fixed	H.pr	0.045	V.pr	0.074
GPSQC1	NM	Min SVs 6	PDOP max	3.4		
		Relative DOPs Yes	HDOP max	1.7		
		Total GPS pos 6	VDOP max	2.9		
		Monitor status Not monitored	RMS	15.9		
		Horz SD	Vert SD			
		Start wk 1554 sec 240620.8	End wk 1554 sec 240625.8			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0080382358		
		VCV xx 0.0003575331	VCV xy	0.0003222832		
		VCV xz -0.0001553277	VCV yy	0.0004853573		
		VCV yz -0.0002055284	VCV zz	0.0002314536		
GPSVEC	TP	Point ID 45462	DX	-6419.520	DY	1356.517
		Class Normal	DZ	-1939.097	Code	PS
		Obs L1 Fixed	H.pr	0.044	V.pr	0.073
GPSQC1	NM	Min SVs 6	PDOP max	3.4		
		Relative DOPs Yes	HDOP max	1.7		
		Total GPS pos 6	VDOP max	2.9		
		Monitor status Not monitored	RMS	14.0		
		Horz SD	Vert SD			
		Start wk 1554 sec 240636.0	End wk 1554 sec 240641.0			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0079377191		
		VCV xx 0.0003520007	VCV xy	0.0003286087		
		VCV xz -0.0001533852	VCV yy	0.0004789694		
		VCV yz -0.0002032096	VCV zz	0.000226333		
GPSVEC	TP	Point ID 45463	DX	-6421.468	DY	1361.658
		Class Normal	DZ	-1934.160	Code	P-31
		Obs L1 Fixed	H.pr	0.043	V.pr	0.072
GPSQC1	NM	Min SVs 6	PDOP max	3.4		
		Relative DOPs Yes	HDOP max	1.7		
		Total GPS pos 6	VDOP max	2.9		
		Monitor status Not monitored	RMS	12.0		
		Horz SD	Vert SD			
		Start wk 1554 sec 240653.0	End wk 1554 sec 240658.0			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0078564445		
		VCV xx 0.0003487539	VCV xy	0.0003271523		
		VCV xz -0.0001524799	VCV yy	0.0004759239		
		VCV yz -0.0002023493	VCV zz	0.000222749		
GPSVEC	TP	Point ID 45464	DX	-6425.608	DY	1365.550
		Class Normal	DZ	-1931.431	Code	PS
		Obs L1 Fixed	H.pr	0.042	V.pr	0.072

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GPSQC1 NM Min SVs 6 PDOP max 3.4
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 12.0
Horz SD Vert SD
Start wk 1554 sec 240675.0 End wk 1554 sec 240680.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0078170244
VCV xx 0.000350473 VCV xy 0.0003307215
VCV xz -0.0001538813 VCV yy 0.0004801991
VCV yz -0.0002047241 VCV zz 0.0002221906

GPSVEC TP Point ID 45465 DX -6430.265 DY 1368.261
Class Normal DZ -1930.155 Code P-32
Obs L1 Fixed H.pr 0.042 V.pr 0.072

GPSQC1 NM Min SVs 6 PDOP max 3.4
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 13.4
Horz SD Vert SD
Start wk 1554 sec 240691.0 End wk 1554 sec 240696.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.007824285
VCV xx 0.0003537621 VCV xy 0.0003352112
VCV xz -0.0001558335 VCV yy 0.0004862578
VCV yz -0.0002077319 VCV zz 0.0002233208

GPSVEC TP Point ID 45466 DX -6434.925 DY 1371.444
Class Normal DZ -1928.774 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.073

GPSQC1 NM Min SVs 6 PDOP max 3.4
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 13.9
Horz SD Vert SD
Start wk 1554 sec 240709.2 End wk 1554 sec 240714.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0078156227
VCV xx 0.0003584691 VCV xy 0.0003412988
VCV xz -0.0001585497 VCV yy 0.0004946602
VCV yz -0.0002118763 VCV zz 0.0002253178

GPSVEC TP Point ID 45467 DX -6427.285 DY 1379.197
Class Normal DZ -1921.707 Code R-32-PS
Obs L1 Fixed H.pr 0.043 V.pr 0.074

GPSQC1 NM Min SVs 6 PDOP max 3.4
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1554 sec 240733.6 End wk 1554 sec 240739.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0078612352
VCV xx 0.0003652362 VCV xy 0.000349805
VCV xz -0.0001622498 VCV yy 0.0005066367
VCV yz -0.0002175797 VCV zz 0.0002283525

GPSVEC TP Point ID 45468 DX -6425.901 DY 1380.457
Class Normal DZ -1920.354 Code R-32-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.071

GPSQC1 NM Min SVs 6 PDOP max 3.4
Relative DOPs Yes HDOP max 1.7
Total GPS pos 5 VDOP max 2.9
Monitor status Not monitored RMS 15.1
Horz SD Vert SD
Start wk 1554 sec 240745.6 End wk 1554 sec 240751.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0077459668
VCV xx 0.0003504138 VCV xy 0.0003365767
VCV xz -0.0001560811 VCV yy 0.0004874115
VCV yz -0.0002096551 VCV zz 0.0002187101

GPSVEC TP Point ID 45469 DX -6425.431 DY 1379.327
Class Normal DZ -1921.204 Code R-32-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.072

GPSQC1 NM Min SVs 6 PDOP max 3.4
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 11.5
Horz SD Vert SD
Start wk 1554 sec 240757.6 End wk 1554 sec 240762.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0077459668
VCV xx 0.0003548147 VCV xy 0.0003417604
VCV xz -0.0001584798 VCV yy 0.0004948704
VCV yz -0.000213227 VCV zz 0.0002211338

GPSVEC TP Point ID 45470 DX -6426.618 DY 1379.767
Class Normal DZ -1921.107 Code TOE
Obs L1 Fixed H.pr 0.043 V.pr 0.075

GPSQC1 NM Min SVs 6 PDOP max 3.4
Relative DOPs Yes HDOP max 1.7
Total GPS pos 7 VDOP max 3.0
Monitor status Not monitored RMS 11.7
Horz SD Vert SD
Start wk 1554 sec 240780.8 End wk 1554 sec 240786.6

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0078738583
VCV xx 0.0003752408 VCV xy 0.0003634649
VCV xz -0.0001684187 VCV yy 0.0005262436
VCV yz -0.0002274255 VCV zz 0.0002330545

GPSVEC TP Point ID 45471 DX -6419.847 DY 1373.506
Class Normal DZ -1924.698 Code TOE
Obs L1 Fixed H.pr 0.038 V.pr 0.066

GPSQC1 NM Min SVs 7 PDOP max 3.1
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.8
Monitor status Not monitored RMS 14.1
Horz SD Vert SD
Start wk 1554 sec 240803.6 End wk 1554 sec 240808.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003049175 VCV xy 0.0002953709
VCV xz -0.0001324944 VCV yy 0.0004266057
VCV yz -0.0001770089 VCV zz 0.0001714759

GPSVEC TP Point ID 45472 DX -6416.084 DY 1370.486
Class Normal DZ -1926.204 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 3.1
Relative DOPs Yes HDOP max 1.5
Total GPS pos 7 VDOP max 2.8
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 240823.0 End wk 1554 sec 240828.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003079891 VCV xy 0.0002995405
VCV xz -0.0001340314 VCV yy 0.0004326411
VCV yz -0.0001793783 VCV zz 0.0001716173

GPSVEC TP Point ID 45473 DX -6415.587 DY 1370.646
Class Normal DZ -1925.765 Code R-31-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 3.1
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.7
Monitor status Not monitored RMS 13.8
Horz SD Vert SD
Start wk 1554 sec 240841.0 End wk 1554 sec 240846.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003079037 VCV xy 0.000300061
VCV xz -0.0001344381 VCV yy 0.000434275
VCV yz -0.000180316 VCV zz 0.0001709398

GPSVEC TP Point ID 45474 DX -6414.094 DY 1370.292
Class Normal DZ -1925.257 Code R-31-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 3.1
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.7
Monitor status Not monitored RMS 13.8
Horz SD Vert SD
Start wk 1554 sec 240852.0 End wk 1554 sec 240857.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.00030687 VCV xy 0.0003003174
VCV xz -0.0001342596 VCV yy 0.0004339337
VCV yz -0.0001803153 VCV zz 0.0001699708

GPSVEC TP Point ID 45475 DX -6415.807 DY 1371.637
Class Normal DZ -1924.656 Code R-31-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 3.1
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.8
Monitor status Not monitored RMS 14.1
Horz SD Vert SD
Start wk 1554 sec 240863.2 End wk 1554 sec 240868.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003107192 VCV xy 0.0003048248
VCV xz -0.000136275 VCV yy 0.0004405506
VCV yz -0.0001832959 VCV zz 0.0001719021

GPSVEC TP Point ID 45476 DX -6414.699 DY 1372.443
Class Normal DZ -1923.201 Code TOP
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 3.1
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.8
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1554 sec 240899.4 End wk 1554 sec 240904.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003112275 VCV xy 0.000307736
VCV xz -0.0001374524 VCV yy 0.0004450982
VCV yz -0.0001858195 VCV zz 0.0001712291
    
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GPSVEC TP Point ID 45477      DX -6407.260      DY 1368.654
        Class Normal      DZ -1923.545      Code TOP-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.068

GPSQC1 NM Min SVs          7                PDOP max 3.2
        Relative DOPs Yes      HDOP max 1.5
        Total GPS pos 7        VDOP max 2.8
        Monitor status Not monitored RMS 12.0
        Horz SD              Vert SD
        Start wk 1554 sec 240924.8 End wk 1554 sec 240930.6

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0003136339 VCV xy 0.0003118774
        VCV xz -0.0001392978 VCV yy 0.0004514372
        VCV yz -0.0001890093 VCV zz 0.0001721395

GPSVEC TP Point ID 45478      DX -6408.499      DY 1366.582
        Class Normal      DZ -1926.513      Code R-30-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.070

GPSQC1 NM Min SVs          7                PDOP max 3.2
        Relative DOPs Yes      HDOP max 1.5
        Total GPS pos 6        VDOP max 2.9
        Monitor status Not monitored RMS 15.6
        Horz SD              Vert SD
        Start wk 1554 sec 240977.8 End wk 1554 sec 240983.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0003261513 VCV xy 0.000328046
        VCV xz -0.0001465426 VCV yy 0.0004757413
        VCV yz -0.000200332 VCV zz 0.0001782483

GPSVEC TP Point ID 45479      DX -6409.585      DY 1366.787
        Class Normal      DZ -1926.950      Code R-30-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.070

GPSQC1 NM Min SVs          7                PDOP max 3.2
        Relative DOPs Yes      HDOP max 1.5
        Total GPS pos 6        VDOP max 2.8
        Monitor status Not monitored RMS 12.1
        Horz SD              Vert SD
        Start wk 1554 sec 241031.0 End wk 1554 sec 241036.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0003297574 VCV xy 0.000335473
        VCV xz -0.0001499605 VCV yy 0.0004877039
        VCV yz -0.0002065455 VCV zz 0.0001797608

GPSVEC TP Point ID 45480      DX -6408.533      DY 1365.136
        Class Normal      DZ -1928.320      Code R-30-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.070

GPSQC1 NM Min SVs          7                PDOP max 3.2
        Relative DOPs Yes      HDOP max 1.5
        Total GPS pos 6        VDOP max 2.8
        Monitor status Not monitored RMS 13.8
        Horz SD              Vert SD
        Start wk 1554 sec 241043.0 End wk 1554 sec 241048.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0003263893 VCV xy 0.0003328994
        VCV xz -0.0001488665 VCV yy 0.000484283
        VCV yz -0.0002053733 VCV zz 0.000177926

GPSVEC TP Point ID 45481      DX -6412.534      DY 1365.520
        Class Normal      DZ -1929.886      Code TOE
        Obs L1 Fixed      H.pr 0.038      V.pr 0.071

GPSQC1 NM Min SVs          7                PDOP max 3.2
        Relative DOPs Yes      HDOP max 1.5
        Total GPS pos 6        VDOP max 2.9
        Monitor status Not monitored RMS 12.0
        Horz SD              Vert SD
        Start wk 1554 sec 241064.2 End wk 1554 sec 241069.2

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0003291003 VCV xy 0.0003372327
        VCV xz -0.0001509068 VCV yy 0.0004911702
        VCV yz -0.0002088254 VCV zz 0.0001793768

GPSVEC TP Point ID 45482      DX -6408.979      DY 1357.540
        Class Normal      DZ -1937.354      Code TOE-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.072

GPSQC1 NM Min SVs          7                PDOP max 3.3
        Relative DOPs Yes      HDOP max 1.5
        Total GPS pos 6        VDOP max 2.9
        Monitor status Not monitored RMS 15.6
        Horz SD              Vert SD
        Start wk 1554 sec 241130.6 End wk 1554 sec 241135.6

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0003359128 VCV xy 0.0003490911
        VCV xz -0.0001564628 VCV yy 0.0005104938
        VCV yz -0.0002185898 VCV zz 0.0001830702

GPSVEC TP Point ID 45483      DX -6407.625      DY 1357.107
        Class Normal      DZ -1936.891      Code R-29-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.073
    
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GPSQC1	NM	Min SVs	7	PDOP max	3.3
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	3.0
		Monitor status	Not monitored	RMS	13.9
		Horz SD		Vert SD	
		Start wk 1554 sec 241150.6		End wk 1554 sec 241155.6	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0003402017	VCV xy	0.0003550502
		VCV xz	-0.000159253	VCV yy	0.0005199272
		VCV yz	-0.0002231254	VCV zz	0.0001855423
GPSVEC	TP	Point ID 45484	DX -6406.575	DY	1357.719
		Class Normal	DZ -1935.666	Code	R-29-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.073
GPSQC1	NM	Min SVs	7	PDOP max	3.3
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	7	VDOP max	3.0
		Monitor status	Not monitored	RMS	15.6
		Horz SD		Vert SD	
		Start wk 1554 sec 241161.0		End wk 1554 sec 241166.8	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0003422523	VCV xy	0.0003579693
		VCV xz	-0.0001606238	VCV yy	0.0005246033
		VCV yz	-0.0002253756	VCV zz	0.000186761
GPSVEC	TP	Point ID 45485	DX -6406.342	DY	1356.235
		Class Normal	DZ -1937.253	Code	R-29-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.073
GPSQC1	NM	Min SVs	7	PDOP max	3.3
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	2.9
		Monitor status	Not monitored	RMS	13.8
		Horz SD		Vert SD	
		Start wk 1554 sec 241177.8		End wk 1554 sec 241182.8	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0003408109	VCV xy	0.0003576968
		VCV xz	-0.0001606292	VCV yy	0.0005248382
		VCV yz	-0.0002259097	VCV zz	0.0001861645
GPSVEC	TP	Point ID 45486	DX -6406.146	DY	1345.252
		Class Normal	DZ -1950.198	Code	R-28-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.074
GPSQC1	NM	Min SVs	7	PDOP max	3.3
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	3.0
		Monitor status	Not monitored	RMS	12.2
		Horz SD		Vert SD	
		Start wk 1554 sec 241198.2		End wk 1554 sec 241203.2	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0003480478	VCV xy	0.0003668257
		VCV xz	-0.0001648687	VCV yy	0.0005390437
		VCV yz	-0.0002325453	VCV zz	0.0001903362
GPSVEC	TP	Point ID 45487	DX -6407.332	DY	1345.073
		Class Normal	DZ -1950.969	Code	R-28-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.074
GPSQC1	NM	Min SVs	7	PDOP max	3.4
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	3.0
		Monitor status	Not monitored	RMS	15.9
		Horz SD		Vert SD	
		Start wk 1554 sec 241208.2		End wk 1554 sec 241213.2	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0003448443	VCV xy	0.000364206
		VCV xz	-0.000163774	VCV yy	0.0005356191
		VCV yz	-0.0002313277	VCV zz	0.0001887408
GPSVEC	TP	Point ID 45488	DX -6405.767	DY	1342.250
		Class Normal	DZ -1953.772	Code	R-28-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.074
GPSQC1	NM	Min SVs	7	PDOP max	3.4
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	3.1
		Monitor status	Not monitored	RMS	12.3
		Horz SD		Vert SD	
		Start wk 1554 sec 241222.2		End wk 1554 sec 241227.2	
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0003475911	VCV xy	0.0003681791
		VCV xz	-0.0001656702	VCV yy	0.0005420665
		VCV yz	-0.000234482	VCV zz	0.0001904462
GPSVEC	TP	Point ID 45489	DX -6406.995	DY	1342.267
		Class Normal	DZ -1954.396	Code	R-28-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.074
GPSQC1	NM	Min SVs	7	PDOP max	3.3
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	3.0
		Monitor status	Not monitored	RMS	15.7
		Horz SD		Vert SD	
		Start wk 1554 sec 241233.4		End wk 1554 sec 241238.4	

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.000341611 VCV xy 0.0003627479
VCV xz -0.0001633236 VCV yy 0.0005345956
VCV yz -0.0002315632 VCV zz 0.000187362

GPSVEEC TP Point ID 45490 DX -6410.531 DY 1346.619
Class Normal DZ -1950.913 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.075

GPSQC1 NM Min SVs 7 PDOP max 3.4
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 241285.4 End wk 1554 sec 241290.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003464679 VCV xy 0.000371989
VCV xz -0.0001679037 VCV yy 0.0005506962
VCV yz -0.0002399809 VCV zz 0.0001908814

NOTE NM Modified 3:02:45 PM 10/20/2009

NOTE NM Old values TOE

GPSVEEC TP Point ID 45491 DX -6409.536 DY 1336.430
Class Normal DZ -1963.477 Code R-33-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.075

GPSQC1 NM Min SVs 7 PDOP max 3.4
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 13.8
Horz SD Vert SD
Start wk 1554 sec 241307.6 End wk 1554 sec 241312.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003449588 VCV xy 0.0003719573
VCV xz -0.0001680447 VCV yy 0.0005517108
VCV yz -0.0002409408 VCV zz 0.0001904671

GPSVEEC TP Point ID 45492 DX -6410.713 DY 1336.494
Class Normal DZ -1964.088 Code R-33-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.075

GPSQC1 NM Min SVs 7 PDOP max 3.4
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 241317.6 End wk 1554 sec 241322.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003436123 VCV xy 0.0003712619
VCV xz -0.0001678303 VCV yy 0.0005512081
VCV yz -0.0002409857 VCV zz 0.000189989

GPSVEEC TP Point ID 45493 DX -6410.015 DY 1335.266
Class Normal DZ -1965.265 Code R-33-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.075

GPSQC1 NM Min SVs 7 PDOP max 3.4
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 241329.6 End wk 1554 sec 241334.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003458852 VCV xy 0.0003746895
VCV xz -0.0001695154 VCV yy 0.0005569741
VCV yz -0.0002438671 VCV zz 0.0001915854

GPSVEEC TP Point ID 45494 DX -6415.348 DY 1338.736
Class Normal DZ -1963.650 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.075

GPSQC1 NM Min SVs 7 PDOP max 3.4
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.1
Monitor status Not monitored RMS 13.9
Horz SD Vert SD
Start wk 1554 sec 241355.8 End wk 1554 sec 241360.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003494747 VCV xy 0.00038062
VCV xz -0.0001724533 VCV yy 0.0005672527
VCV yz -0.0002491042 VCV zz 0.0001942529

GPSVEEC TP Point ID 45495 DX -6418.595 DY 1333.941
Class Normal DZ -1971.986 Code TOE
Obs L1 Fixed H.pr 0.038 V.pr 0.077

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 7 VDOP max 3.1
Monitor status Not monitored RMS 12.4
Horz SD Vert SD
Start wk 1554 sec 241402.4 End wk 1554 sec 241408.2
    
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GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
          VCV xx 0.0003533812 VCV xy 0.0003886187
          VCV xz -0.0001765744 VCV yy 0.0005820474
          VCV yz -0.0002569706 VCV zz 0.0001978569

GPSVECTP Point ID 45496 DX -6412.232 DY 1330.255
          Class Normal DZ -1973.089 Code PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.077

GPSQC1 NM Min SVs 7 PDOP max 3.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 3.2
          Monitor status Not monitored RMS 13.9
          Horz SD Vert SD
          Start wk 1554 sec 241423.4 End wk 1554 sec 241428.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
          VCV xx 0.0003525107 VCV xy 0.0003892639
          VCV xz -0.000177091 VCV yy 0.0005843323
          VCV yz -0.0002585521 VCV zz 0.000198086

NOTE NM Modified 3:03:55 PM 10/20/2009

NOTE NM Old values S

GPSVECTP Point ID 45497 DX -6412.818 DY 1329.275
          Class Normal DZ -1974.701 Code PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.077

GPSQC1 NM Min SVs 7 PDOP max 3.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 3.2
          Monitor status Not monitored RMS 15.6
          Horz SD Vert SD
          Start wk 1554 sec 241437.6 End wk 1554 sec 241442.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
          VCV xx 0.0003531078 VCV xy 0.0003910778
          VCV xz -0.0001780986 VCV yy 0.0005880219
          VCV yz -0.0002606247 VCV zz 0.0001989822

GPSVECTP Point ID 45498 DX -6413.494 DY 1328.815
          Class Normal DZ -1975.682 Code R-34-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.078

GPSQC1 NM Min SVs 7 PDOP max 3.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 3.2
          Monitor status Not monitored RMS 13.9
          Horz SD Vert SD
          Start wk 1554 sec 241463.8 End wk 1554 sec 241468.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
          VCV xx 0.0003548947 VCV xy 0.0003951457
          VCV xz -0.0001802677 VCV yy 0.0005959406
          VCV yz -0.0002649254 VCV zz 0.0002010058

GPSVECTP Point ID 45499 DX -6414.371 DY 1327.711
          Class Normal DZ -1977.689 Code R-34-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.077

GPSQC1 NM Min SVs 7 PDOP max 3.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 7 VDOP max 3.2
          Monitor status Not monitored RMS 15.6
          Horz SD Vert SD
          Start wk 1554 sec 241477.0 End wk 1554 sec 241482.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
          VCV xx 0.000352678 VCV xy 0.0003937248
          VCV xz -0.0001797778 VCV yy 0.0005947446
          VCV yz -0.0002647717 VCV zz 0.0002003075

GPSVECTP Point ID 45500 DX -6414.996 DY 1328.229
          Class Normal DZ -1977.355 Code R-34-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.078

GPSQC1 NM Min SVs 7 PDOP max 3.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 3.1
          Monitor status Not monitored RMS 12.1
          Horz SD Vert SD
          Start wk 1554 sec 241487.8 End wk 1554 sec 241493.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
          VCV xx 0.0003525314 VCV xy 0.0003943761
          VCV xz -0.0001802154 VCV yy 0.0005964735
          VCV yz -0.0002658551 VCV zz 0.0002006931

GPSVECTP Point ID 45501 DX -6417.296 DY 1327.348
          Class Normal DZ -1979.966 Code R-35-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.078

GPSQC1 NM Min SVs 7 PDOP max 3.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 3.2
          Monitor status Not monitored RMS 15.6
          Horz SD Vert SD
          Start wk 1554 sec 241504.0 End wk 1554 sec 241509.0
    
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GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003530643 VCV xy 0.0003962429
VCV xz -0.0001812765 VCV yy 0.0006004727
VCV yz -0.0002681292 VCV zz 0.0002017035

GPSVEC TP Point ID 45502 DX -6418.866 DY 1327.801
Class Normal DZ -1980.293 Code R-35-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.078

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1554 sec 241515.0 End wk 1554 sec 241520.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003523385 VCV xy 0.000396293
VCV xz -0.000181444 VCV yy 0.0006013683
VCV yz -0.0002688602 VCV zz 0.0002017961

GPSVEC TP Point ID 45503 DX -6418.794 DY 1326.729
Class Normal DZ -1981.703 Code R-35-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.078

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.1
Monitor status Not monitored RMS 12.1
Horz SD Vert SD
Start wk 1554 sec 241526.0 End wk 1554 sec 241531.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003540022 VCV xy 0.0003990937
VCV xz -0.0001828935 VCV yy 0.000606514
VCV yz -0.000271537 VCV zz 0.0002033177

GPSVEC TP Point ID 45504 DX -6422.614 DY 1331.081
Class Normal DZ -1978.174 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.079

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1554 sec 241554.2 End wk 1554 sec 241559.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003561765 VCV xy 0.0004037676
VCV xz -0.0001854055 VCV yy 0.0006158017
VCV yz -0.0002765735 VCV zz 0.0002058899

GPSVEC TP Point ID 45505 DX -6428.529 DY 1329.580
Class Normal DZ -1983.818 Code TOE
Obs L1 Fixed H.pr 0.038 V.pr 0.079

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 7 VDOP max 3.2
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 241575.4 End wk 1554 sec 241581.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.000357585 VCV xy 0.0004071487
VCV xz -0.0001872711 VCV yy 0.000622783
VCV yz -0.0002804212 VCV zz 0.0002078567

GPSVEC TP Point ID 45506 DX -6435.212 DY 1329.721
Class Normal DZ -1987.935 Code R-36-TOE
Obs L1 Fixed H.pr 0.038 V.pr 0.080

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1554 sec 241614.4 End wk 1554 sec 241619.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0003615388 VCV xy 0.0004148725
VCV xz -0.0001914088 VCV yy 0.0006380395
VCV yz -0.0002886066 VCV zz 0.0002123644

GPSVEC TP Point ID 45507 DX -6437.544 DY 1329.696
Class Normal DZ -1989.259 Code TOE
Obs L1 Fixed H.pr 0.036 V.pr 0.083

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1554 sec 241718.0 End wk 1554 sec 241723.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0078126648
VCV xx 0.0003676357 VCV xy 0.0004305559
VCV xz -0.0002003498 VCV yy 0.0006724634
VCV yz -0.0003078713 VCV zz 0.0002228317
    
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GPSVEC TP Point ID 45508      DX -6437.227      DY 1328.656
        Class Normal      DZ -1990.656      Code R-36-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.083

GPSQC1 NM Min SVs          7      PDOP max 3.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6      VDOP max 3.2
        Monitor status Not monitored      RMS 12.6
        Horz SD      Vert SD
        Start wk 1554 sec 241736.0      End wk 1554 sec 241741.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0078087291
        VCV xx 0.0003657465      VCV xy 0.0004298173
        VCV xz -0.0002003046      VCV yy 0.0006731914
        VCV yz -0.0003088196      VCV zz 0.0002230008

NOTE TS Time Date 10/20/2009 Time 15:08:57

GPSVEC TP Point ID 45509      DX -6435.197      DY 1328.771
        Class Normal      DZ -1989.102      Code R-36-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.083

GPSQC1 NM Min SVs          7      PDOP max 3.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6      VDOP max 3.2
        Monitor status Not monitored      RMS 16.1
        Horz SD      Vert SD
        Start wk 1554 sec 241748.0      End wk 1554 sec 241753.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0078201331
        VCV xx 0.0003656905      VCV xy 0.0004307803
        VCV xz -0.0002009679      VCV yy 0.0006760397
        VCV yz -0.0003105632      VCV zz 0.000223916

GPSVEC TP Point ID 45510      DX -6436.889      DY 1330.934
        Class Normal      DZ -1986.138      Code R-36-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.083

GPSQC1 NM Min SVs          7      PDOP max 3.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6      VDOP max 3.2
        Monitor status Not monitored      RMS 14.3
        Horz SD      Vert SD
        Start wk 1554 sec 241762.2      End wk 1554 sec 241767.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0078020236
        VCV xx 0.0003627524      VCV xy 0.0004284114
        VCV xz -0.0002000874      VCV yy 0.0006737626
        VCV yz -0.0003099789      VCV zz 0.0002231281

GPSVEC TP Point ID 45511      DX -6433.848      DY 1328.385
        Class Normal      DZ -1988.854      Code PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.083

GPSQC1 NM Min SVs          7      PDOP max 3.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6      VDOP max 3.2
        Monitor status Not monitored      RMS 14.6
        Horz SD      Vert SD
        Start wk 1554 sec 241776.2      End wk 1554 sec 241781.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0078053167
        VCV xx 0.0003617041      VCV xy 0.0004283042
        VCV xz -0.000200276      VCV yy 0.000675111
        VCV yz -0.0003110859      VCV zz 0.0002235601

GPSVEC TP Point ID 45512      DX -6425.162      DY 1325.756
        Class Normal      DZ -1986.893      Code PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.083

GPSQC1 NM Min SVs          7      PDOP max 3.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6      VDOP max 3.2
        Monitor status Not monitored      RMS 14.6
        Horz SD      Vert SD
        Start wk 1554 sec 241789.2      End wk 1554 sec 241794.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0078026615
        VCV xx 0.000360138      VCV xy 0.0004274944
        VCV xz -0.00020012      VCV yy 0.0006752582
        VCV yz -0.0003116066      VCV zz 0.0002236074

GPSVEC TP Point ID 45513      DX -6423.218      DY 1325.336
        Class Normal      DZ -1986.238      Code PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.082

GPSQC1 NM Min SVs          7      PDOP max 3.5
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6      VDOP max 3.2
        Monitor status Not monitored      RMS 12.8
        Horz SD      Vert SD
        Start wk 1554 sec 241801.2      End wk 1554 sec 241806.4

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077819419
        VCV xx 0.0003569461      VCV xy 0.0004246907
        VCV xz -0.0001990164      VCV yy 0.0006721977
        VCV yz -0.0003106169      VCV zz 0.0002226009

GPSVEC TP Point ID 45514      DX -6422.329      DY 1325.344
        Class Normal      DZ -1985.730      Code PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.082
    
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GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 241811.4 End wk 1554 sec 241816.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077750189
VCV xx 0.0003552501 VCV xy 0.0004234584
VCV xz -0.0001986076 VCV yy 0.0006713489
VCV yz -0.0003105647 VCV zz 0.0002223347

GPSVEEC TP Point ID 45515 DX -6421.510 DY 1325.669
Class Normal DZ -1984.818 Code PS
Obs L1 Fixed H.pr 0.036 V.pr 0.082

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 14.3
Horz SD Vert SD
Start wk 1554 sec 241821.4 End wk 1554 sec 241826.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077873101
VCV xx 0.0003552208 VCV xy 0.0004242602
VCV xz -0.0001991701 VCV yy 0.0006738089
VCV yz -0.0003120799 VCV zz 0.0002231766

GPSVEEC TP Point ID 45516 DX -6434.412 DY 1327.717
Class Normal DZ -1990.238 Code TOP
Obs L1 Fixed H.pr 0.036 V.pr 0.083

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 12.6
Horz SD Vert SD
Start wk 1554 sec 241846.6 End wk 1554 sec 241852.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0078277122
VCV xx 0.0003558678 VCV xy 0.0004271224
VCV xz -0.0002009986 VCV yy 0.0006813765
VCV yz -0.000316574 VCV zz 0.0002257732

GPSVEEC TP Point ID 45517 DX -6425.256 DY 1324.401
Class Normal DZ -1988.768 Code TOP
Obs L1 Fixed H.pr 0.036 V.pr 0.083

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 14.4
Horz SD Vert SD
Start wk 1554 sec 241863.6 End wk 1554 sec 241868.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0078572687
VCV xx 0.0003565167 VCV xy 0.0004292404
VCV xz -0.0002023048 VCV yy 0.0006867388
VCV yz -0.0003196907 VCV zz 0.0002276342

GPSVEEC TP Point ID 45518 DX -6416.171 DY 1321.108
Class Normal DZ -1987.420 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.083

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 16.2
Horz SD Vert SD
Start wk 1554 sec 241886.8 End wk 1554 sec 241891.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0078939516
VCV xx 0.0003567726 VCV xy 0.0004314369
VCV xz -0.0002037879 VCV yy 0.0006931196
VCV yz -0.0003235654 VCV zz 0.000229902

GPSVEEC TP Point ID 45519 DX -6394.928 DY 1314.188
Class Normal DZ -1983.532 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 16.3
Horz SD Vert SD
Start wk 1554 sec 241913.8 End wk 1554 sec 241918.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.00792336
VCV xx 0.0003557185 VCV xy 0.0004323529
VCV xz -0.0002047444 VCV yy 0.0006980193
VCV yz -0.0003269044 VCV zz 0.0002317538

GPSVEEC TP Point ID 45520 DX -6374.160 DY 1306.657
Class Normal DZ -1980.684 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 3.2
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1554 sec 241940.0 End wk 1554 sec 241945.8

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0079562543
VCV xx 0.0003546606 VCV xy 0.0004332433
VCV xz -0.000205695 VCV yy 0.0007029778
VCV yz -0.0003302839 VCV zz 0.0002336811

GPSVEC TP Point ID 45521 DX -6352.969 DY 1299.415
Class Normal DZ -1977.583 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 16.4
Horz SD Vert SD
Start wk 1554 sec 241969.2 End wk 1554 sec 241974.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0079824459
VCV xx 0.0003526677 VCV xy 0.0004330556
VCV xz -0.0002061617 VCV yy 0.0007064107
VCV yz -0.000333004 VCV zz 0.0002351652

GPSVEC TP Point ID 45522 DX -6331.959 DY 1291.990
Class Normal DZ -1974.421 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 16.4
Horz SD Vert SD
Start wk 1554 sec 241991.4 End wk 1554 sec 241996.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080167521
VCV xx 0.0003519942 VCV xy 0.0004341055
VCV xz -0.0002071307 VCV yy 0.0007113498
VCV yz -0.0003362662 VCV zz 0.0002371412

GPSVEC TP Point ID 45523 DX -6310.700 DY 1285.573
Class Normal DZ -1969.755 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 13.0
Horz SD Vert SD
Start wk 1554 sec 242023.4 End wk 1554 sec 242028.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080236541
VCV xx 0.0003473189 VCV xy 0.0004307951
VCV xz -0.0002061893 VCV yy 0.0007102551
VCV yz -0.0003370116 VCV zz 0.0002372793

GPSVEC TP Point ID 45524 DX -6306.740 DY 1285.304
Class Normal DZ -1967.517 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 13.0
Horz SD Vert SD
Start wk 1554 sec 242053.6 End wk 1554 sec 242058.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080714552
VCV xx 0.0003461473 VCV xy 0.0004317298
VCV xz -0.00020726 VCV yy 0.0007161555
VCV yz -0.0003410483 VCV zz 0.0002397994

GPSVEC TP Point ID 45525 DX -6303.873 DY 1285.044
Class Normal DZ -1966.150 Code TOP-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 13.1
Horz SD Vert SD
Start wk 1554 sec 242083.6 End wk 1554 sec 242088.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080941794
VCV xx 0.0003426833 VCV xy 0.0004296922
VCV xz -0.0002068926 VCV yy 0.0007170832
VCV yz -0.0003426969 VCV zz 0.000240705

GPSVEC TP Point ID 45526 DX -6296.271 DY 1284.580
Class Normal DZ -1962.203 Code TOP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.4
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 3.2
Monitor status Not monitored RMS 14.9
Horz SD Vert SD
Start wk 1554 sec 242104.8 End wk 1554 sec 242109.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081255753
VCV xx 0.0003412901 VCV xy 0.0004295818
VCV xz -0.0002072742 VCV yy 0.0007200699
VCV yz -0.000344986 VCV zz 0.0002421606
    
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GPSVEC	TP	Point ID 45527	DX -6295.035	DY 1285.245
		Class Normal	DZ -1960.682	Code TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.084
GPSQC1	NM	Min SVs 7	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 3.2	
		Monitor status Not monitored	RMS 16.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 242125.0	End wk 1554 sec 242130.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0081373649	
		VCV xx 0.0003384793	VCV xy 0.0004275448	
		VCV xz -0.0002066957	VCV yy 0.0007196302	
		VCV yz -0.0003455745	VCV zz 0.0002424594	
GPSVEC	TP	Point ID 45528	DX -6298.059	DY 1286.543
		Class Normal	DZ -1960.688	Code R-?-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.084
GPSQC1	NM	Min SVs 7	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 3.1	
		Monitor status Not monitored	RMS 13.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 242152.2	End wk 1554 sec 242157.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.008167793	
		VCV xx 0.0003358178	VCV xy 0.0004262117	
		VCV xz -0.0002066172	VCV yy 0.0007215079	
		VCV yz -0.0003475976	VCV zz 0.0002437521	
GPSVEC	TP	Point ID 45529	DX -6297.572	DY 1286.722
		Class Normal	DZ -1960.213	Code R-?-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.084
GPSQC1	NM	Min SVs 7	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 3.1	
		Monitor status Not monitored	RMS 17.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 242162.2	End wk 1554 sec 242167.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0081623308	
		VCV xx 0.0003334418	VCV xy 0.0004239059	
		VCV xz -0.0002056815	VCV yy 0.0007190757	
		VCV yz -0.0003467851	VCV zz 0.0002431546	
GPSVEC	TP	Point ID 45530	DX -6299.799	DY 1288.327
		Class Normal	DZ -1959.413	Code R-?-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.084
GPSQC1	NM	Min SVs 7	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 3.1	
		Monitor status Not monitored	RMS 17.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 242176.2	End wk 1554 sec 242181.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0081679914	
		VCV xx 0.0003311413	VCV xy 0.0004219944	
		VCV xz -0.0002050317	VCV yy 0.0007179579	
		VCV yz -0.0003467957	VCV zz 0.0002431242	
GPSVEC	TP	Point ID 45531	DX -6288.298	DY 1296.412
		Class Normal	DZ -1942.287	Code TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.084
GPSQC1	NM	Min SVs 7	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 5	VDOP max 3.1	
		Monitor status Not monitored	RMS 15.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 242220.6	End wk 1554 sec 242226.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0082432032	
		VCV xx 0.0003277471	VCV xy 0.0004210369	
		VCV xz -0.0002055701	VCV yy 0.0007236159	
		VCV yz -0.0003515263	VCV zz 0.0002463681	
GPSVEC	TP	Point ID 45532	DX -6285.912	DY 1300.911
		Class Normal	DZ -1935.535	Code TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.084
GPSQC1	NM	Min SVs 7	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 3.1	
		Monitor status Not monitored	RMS 13.6	
		Horz SD	Vert SD	
		Start wk 1554 sec 242277.6	End wk 1554 sec 242282.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0083637508	
		VCV xx 0.0003251364	VCV xy 0.000421801	
		VCV xz -0.0002071859	VCV yy 0.0007343307	
		VCV yz -0.0003592223	VCV zz 0.0002518257	
GPSVEC	TP	Point ID 45533	DX -6285.601	DY 1301.421
		Class Normal	DZ -1934.822	Code TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.084

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GPSQC1 NM Min SVs 7 PDOP max 3.3
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 3.1
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 242302.8 End wk 1554 sec 242307.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084041851
VCV xx 0.0003226457 VCV xy 0.0004203464
VCV xz -0.0002070057 VCV yy 0.0007360193
VCV yz -0.0003611178 VCV zz 0.0002532394

GPSVEC TP Point ID 45534 DX -6283.994 DY 1304.887
Class Normal DZ -1929.812 Code TOP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.084

GPSQC1 NM Min SVs 7 PDOP max 3.3
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 242341.8 End wk 1554 sec 242346.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084628556
VCV xx 0.0003184931 VCV xy 0.0004176624
VCV xz -0.0002065286 VCV yy 0.0007380175
VCV yz -0.000363798 VCV zz 0.0002553119

GPSVEC TP Point ID 45535 DX -6287.350 DY 1307.626
Class Normal DZ -1928.526 Code TOP-PS
Obs L1 Fixed H.pr 0.040 V.pr 0.074

GPSQC1 NM Min SVs 8 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 21.8
Horz SD Vert SD
Start wk 1554 sec 242360.8 End wk 1554 sec 242365.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0109310178
VCV xx 0.0002833057 VCV xy 0.0003473546
VCV xz -0.0001717822 VCV yy 0.0005940436
VCV yz -0.0002926136 VCV zz 0.0002197956

GPSVEC TP Point ID 45536 DX -6288.484 DY 1304.247
Class Normal DZ -1932.528 Code R-14-PS
Obs L1 Fixed H.pr 0.040 V.pr 0.074

GPSQC1 NM Min SVs 8 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 20.0
Horz SD Vert SD
Start wk 1554 sec 242387.0 End wk 1554 sec 242392.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0109167453
VCV xx 0.0002794191 VCV xy 0.0003433227
VCV xz -0.0001702662 VCV yy 0.0005902188
VCV yz -0.0002916827 VCV zz 0.0002196153

GPSVEC TP Point ID 45537 DX -6289.099 DY 1304.749
Class Normal DZ -1932.365 Code R-14-PS
Obs L1 Fixed H.pr 0.040 V.pr 0.073

GPSQC1 NM Min SVs 8 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 21.7
Horz SD Vert SD
Start wk 1554 sec 242397.0 End wk 1554 sec 242402.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108992672
VCV xx 0.0002772789 VCV xy 0.0003410511
VCV xz -0.0001692985 VCV yy 0.000587535
VCV yz -0.0002906745 VCV zz 0.0002189958

GPSVEC TP Point ID 45538 DX -6290.188 DY 1303.689
Class Normal DZ -1934.088 Code R-14-PS
Obs L1 Fixed H.pr 0.040 V.pr 0.073

GPSQC1 NM Min SVs 8 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 19.9
Horz SD Vert SD
Start wk 1554 sec 242408.0 End wk 1554 sec 242413.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108801825
VCV xx 0.0002748106 VCV xy 0.0003384934
VCV xz -0.0001682119 VCV yy 0.0005845717
VCV yz -0.0002895768 VCV zz 0.0002182714

GPSVEC TP Point ID 45539 DX -6288.951 DY 1301.922
Class Normal DZ -1935.547 Code R-15-PS
Obs L1 Fixed H.pr 0.040 V.pr 0.073

GPSQC1 NM Min SVs 8 PDOP max 2.3
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 20.3
Horz SD Vert SD
Start wk 1554 sec 242423.2 End wk 1554 sec 242428.2
    
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GPSQC2	NM	Ttl satellites 8		Err Scale 0.0108762672
		VCV xx 0.0002728792		VCV xy 0.0003364872
		VCV xz -0.0001674809		VCV yy 0.0005828523
		VCV yz -0.000289259		VCV zz 0.0002183621
GPSVEC	TP	Point ID 45540	DX -6288.903	DY 1301.748
		Class Normal	DZ -1935.746	Code R-15-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.073
GPSQC1	NM	Min SVs 8		PDOP max 2.3
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 2.0
		Monitor status Not monitored		RMS 18.5
		Horz SD		Vert SD
		Start wk 1554 sec 242435.2		End wk 1554 sec 242440.2
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0108576268
		VCV xx 0.0002705212		VCV xy 0.0003338803
		VCV xz -0.0001663878		VCV yy 0.0005797297
		VCV yz -0.0002881205		VCV zz 0.0002177614
GPSVEC	TP	Point ID 45541	DX -6292.037	DY 1302.924
		Class Normal	DZ -1935.998	Code R-15-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.073
GPSQC1	NM	Min SVs 8		PDOP max 2.3
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 2.0
		Monitor status Not monitored		RMS 18.5
		Horz SD		Vert SD
		Start wk 1554 sec 242447.4		End wk 1554 sec 242452.4
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0108446898
		VCV xx 0.0002682632		VCV xy 0.0003314313
		VCV xz -0.0001653944		VCV yy 0.0005770163
		VCV yz -0.00028723		VCV zz 0.0002173645
GPSVEC	TP	Point ID 45542	DX -6293.739	DY 1302.242
		Class Normal	DZ -1937.809	Code R-15-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.072
GPSQC1	NM	Min SVs 8		PDOP max 2.3
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 2.0
		Monitor status Not monitored		RMS 19.9
		Horz SD		Vert SD
		Start wk 1554 sec 242458.4		End wk 1554 sec 242463.4
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0108156912
		VCV xx 0.0002655639		VCV xy 0.0003284008
		VCV xz -0.0001640717		VCV yy 0.0005730239
		VCV yz -0.0002856226		VCV zz 0.0002163567
GPSVEC	TP	Point ID 45543	DX -6296.020	DY 1301.338
		Class Normal	DZ -1940.156	Code R-16-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.072
GPSQC1	NM	Min SVs 8		PDOP max 2.3
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 2.0
		Monitor status Not monitored		RMS 19.9
		Horz SD		Vert SD
		Start wk 1554 sec 242472.6		End wk 1554 sec 242477.6
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0108091393
		VCV xx 0.0002635347		VCV xy 0.0003262732
		VCV xz -0.0001632576		VCV yy 0.0005710098
		VCV yz -0.0002851231		VCV zz 0.0002162672
GPSVEC	TP	Point ID 45544	DX -6295.666	DY 1300.211
		Class Normal	DZ -1941.327	Code R-16-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.072
GPSQC1	NM	Min SVs 8		PDOP max 2.3
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 2.0
		Monitor status Not monitored		RMS 19.8
		Horz SD		Vert SD
		Start wk 1554 sec 242482.6		End wk 1554 sec 242487.6
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0108169122
		VCV xx 0.0002626835		VCV xy 0.0003254804
		VCV xz -0.0001630344		VCV yy 0.0005708699
		VCV yz -0.0002854092		VCV zz 0.0002167111
GPSVEC	TP	Point ID 45545	DX -6297.553	DY 1300.202
		Class Normal	DZ -1942.373	Code R-16-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.072
GPSQC1	NM	Min SVs 8		PDOP max 2.3
		Relative DOPs Yes		HDOP max 1.1
		Total GPS pos 6		VDOP max 2.0
		Monitor status Not monitored		RMS 19.8
		Horz SD		Vert SD
		Start wk 1554 sec 242494.6		End wk 1554 sec 242499.8
GPSQC2	NM	Ttl satellites 8		Err Scale 0.0108255856
		VCV xx 0.0002616275		VCV xy 0.0003244833
		VCV xz -0.0001627572		VCV yy 0.0005706057
		VCV yz -0.0002857292		VCV zz 0.0002172234

GPSVEC	TP	Point ID 45546	DX -6307.455	DY 1317.710
		Class Normal	DZ -1928.127	Code TOP-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.072
GPSQC1	NM	Min SVs 8	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 20.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 242528.8	End wk 1554 sec 242533.8	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0108686704	
		VCV xx 0.0002594679	VCV xy 0.0003226615	
		VCV xz -0.0001625136	VCV yy 0.0005716653	
		VCV yz -0.0002876267	VCV zz 0.000219471	
GPSVEC	TP	Point ID 45547	DX -6327.737	DY 1327.403
		Class Normal	DZ -1927.856	Code TOP-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.072
GPSQC1	NM	Min SVs 8	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 21.8	
		Horz SD	Vert SD	
		Start wk 1554 sec 242554.8	End wk 1554 sec 242559.8	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0109185716	
		VCV xx 0.000258585	VCV xy 0.0003221738	
		VCV xz -0.000162764	VCV yy 0.0005741387	
		VCV yz -0.0002898939	VCV zz 0.0002218774	
GPSVEC	TP	Point ID 45548	DX -6347.618	DY 1337.829
		Class Normal	DZ -1926.746	Code TOP-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.072
GPSQC1	NM	Min SVs 8	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 18.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 242580.0	End wk 1554 sec 242585.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0109326579	
		VCV xx 0.0002560943	VCV xy 0.0003196191	
		VCV xz -0.0001619367	VCV yy 0.000572734	
		VCV yz -0.0002901416	VCV zz 0.000222729	
GPSVEC	TP	Point ID 45549	DX -6367.294	DY 1348.420
		Class Normal	DZ -1925.271	Code TOP-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.072
GPSQC1	NM	Min SVs 8	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 18.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 242607.0	End wk 1554 sec 242612.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0109450314	
		VCV xx 0.000253379	VCV xy 0.0003167885	
		VCV xz -0.0001610034	VCV yy 0.0005710769	
		VCV yz -0.0002903421	VCV zz 0.0002236288	
GPSVEC	TP	Point ID 45550	DX -6387.462	DY 1358.219
		Class Normal	DZ -1924.576	Code TOP-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.072
GPSQC1	NM	Min SVs 8	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 20.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 242633.0	End wk 1554 sec 242638.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0109625254	
		VCV xx 0.0002509168	VCV xy 0.0003142151	
		VCV xz -0.0001601736	VCV yy 0.0005697328	
		VCV yz -0.0002906567	VCV zz 0.000224616	
GPSVEC	TP	Point ID 45551	DX -6396.102	DY 1343.505
		Class Normal	DZ -1946.776	Code R-27-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.072
GPSQC1	NM	Min SVs 8	PDOP max 2.3	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 2.0	
		Monitor status Not monitored	RMS 22.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 242656.2	End wk 1554 sec 242661.2	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0109719243	
		VCV xx 0.0002485712	VCV xy 0.0003116982	
		VCV xz -0.0001593071	VCV yy 0.0005680816	
		VCV yz -0.0002906878	VCV zz 0.0002253172	
GPSVEC	TP	Point ID 45552	DX -6396.950	DY 1342.264
		Class Normal	DZ -1948.791	Code R-27-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.072

GPSQC1	NM	Min SVs	8	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	22.2
		Horz SD		Vert SD	
		Start wk 1554 sec	242669.2	End wk 1554 sec	242674.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0109307617
		VCV xx	0.0002450584	VCV xy	0.0003075332
		VCV xz	-0.0001574053	VCV yy	0.0005621505
		VCV yz	-0.0002881269	VCV zz	0.0002237209
GPSVEC	TP	Point ID 45553		DY	1342.349
		Class Normal		Code	R-27-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.071
GPSQC1	NM	Min SVs	8	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	21.8
		Horz SD		Vert SD	
		Start wk 1554 sec	242679.4	End wk 1554 sec	242684.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0109143518
		VCV xx	0.0002431477	VCV xy	0.0003052962
		VCV xz	-0.0001564146	VCV yy	0.0005592612
		VCV yz	-0.0002869722	VCV zz	0.000223113
GPSVEC	TP	Point ID 45554		DY	1339.607
		Class Normal		Code	DS-5\R-11-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.071
GPSQC1	NM	Min SVs	8	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	18.3
		Horz SD		Vert SD	
		Start wk 1554 sec	242707.8	End wk 1554 sec	242712.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0109568164
		VCV xx	0.0002415744	VCV xy	0.0003037735
		VCV xz	-0.000156168	VCV yy	0.0005601268
		VCV yz	-0.0002885518	VCV zz	0.0002252418
GPSVEC	TP	Point ID 45555		DY	1339.623
		Class Normal		Code	DS-5\R-11-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.071
GPSQC1	NM	Min SVs	8	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	2.0
		Monitor status	Not monitored	RMS	18.3
		Horz SD		Vert SD	
		Start wk 1554 sec	242719.0	End wk 1554 sec	242724.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0109263686
		VCV xx	0.0002388209	VCV xy	0.0003004957
		VCV xz	-0.0001546839	VCV yy	0.0005555257
		VCV yz	-0.0002866055	VCV zz	0.0002240768
GPSVEC	TP	Point ID 45556		DY	1335.915
		Class Normal		Code	DS-5\R-11-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.071
GPSQC1	NM	Min SVs	8	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	2.0
		Monitor status	Not monitored	RMS	21.8
		Horz SD		Vert SD	
		Start wk 1554 sec	242734.2	End wk 1554 sec	242740.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.010928208
		VCV xx	0.0002370548	VCV xy	0.0002984842
		VCV xz	-0.0001538986	VCV yy	0.0005536947
		VCV yz	-0.0002861993	VCV zz	0.0002242408
GPSVEC	TP	Point ID 45557		DY	1336.529
		Class Normal		Code	P-19
		Obs L1 Fixed	H.pr 0.039	V.pr	0.071
GPSQC1	NM	Min SVs	8	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	20.4
		Horz SD		Vert SD	
		Start wk 1554 sec	242752.2	End wk 1554 sec	242757.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0109217092
		VCV xx	0.0002347964	VCV xy	0.0002958777
		VCV xz	-0.0001528551	VCV yy	0.0005509974
		VCV yz	-0.0002854491	VCV zz	0.0002242008
GPSVEC	TP	Point ID 45558		DY	1335.355
		Class Normal		Code	R-26-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.070
GPSQC1	NM	Min SVs	8	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	18.2
		Horz SD		Vert SD	
		Start wk 1554 sec	242767.4	End wk 1554 sec	242772.4

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0108896419
          VCV xx 0.0002315561 VCV xy 0.00029201
          VCV xz -0.0001511284 VCV yy 0.0005457268
          VCV yz -0.0002832989 VCV zz 0.0002230082

GPSVEC TP Point ID 45559 DX -6389.617 DY 1334.136
          Class Normal DZ -1954.579 Code R-26-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.070

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 2.0
          Monitor status Not monitored RMS 20.0
          Horz SD Vert SD
          Start wk 1554 sec 242777.4 End wk 1554 sec 242782.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.010893452
          VCV xx 0.0002305403 VCV xy 0.0002908445
          VCV xz -0.0001506868 VCV yy 0.0005448204
          VCV yz -0.0002831817 VCV zz 0.0002232578

GPSVEC TP Point ID 45560 DX -6388.296 DY 1334.194
          Class Normal DZ -1953.736 Code R-26-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.070

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 5 VDOP max 2.0
          Monitor status Not monitored RMS 20.0
          Horz SD Vert SD
          Start wk 1554 sec 242787.6 End wk 1554 sec 242795.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108286869
          VCV xx 0.000226312 VCV xy 0.0002856793
          VCV xz -0.0001482155 VCV yy 0.0005365845
          VCV yz -0.0002793347 VCV zz 0.0002205922

GPSVEC TP Point ID 45561 DX -6379.541 DY 1329.952
          Class Normal DZ -1953.602 Code R-24-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.070

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 2.0
          Monitor status Not monitored RMS 18.2
          Horz SD Vert SD
          Start wk 1554 sec 242808.8 End wk 1554 sec 242814.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.01084645
          VCV xx 0.0002248741 VCV xy 0.0002840786
          VCV xz -0.0001477206 VCV yy 0.0005359979
          VCV yz -0.0002797632 VCV zz 0.0002215872

GPSVEC TP Point ID 45562 DX -6378.166 DY 1329.974
          Class Normal DZ -1952.699 Code R-24-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.070

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 2.0
          Monitor status Not monitored RMS 18.1
          Horz SD Vert SD
          Start wk 1554 sec 242821.0 End wk 1554 sec 242826.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108617777
          VCV xx 0.0002241048 VCV xy 0.00028323
          VCV xz -0.000147484 VCV yy 0.0005359342
          VCV yz -0.0002801806 VCV zz 0.0002223432

GPSVEC TP Point ID 45563 DX -6377.307 DY 1328.930
          Class Normal DZ -1953.495 Code R-24-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.070

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 2.0
          Monitor status Not monitored RMS 19.9
          Horz SD Vert SD
          Start wk 1554 sec 242831.8 End wk 1554 sec 242837.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108470954
          VCV xx 0.0002223676 VCV xy 0.0002811385
          VCV xz -0.0001465516 VCV yy 0.00053318
          VCV yz -0.0002790837 VCV zz 0.0002218025

GPSVEC TP Point ID 45564 DX -6377.018 DY 1331.954
          Class Normal DZ -1949.668 Code R-25-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.069

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 2.0
          Monitor status Not monitored RMS 19.9
          Horz SD Vert SD
          Start wk 1554 sec 242849.0 End wk 1554 sec 242854.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108330408
          VCV xx 0.0002197317 VCV xy 0.0002779972
          VCV xz -0.0001452316 VCV yy 0.0005294186
          VCV yz -0.0002778072 VCV zz 0.0002213906
    
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GPSVEC TP Point ID 45565      DX -6377.593      DY 1333.155
        Class Normal      DZ -1948.629      Code R-25-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.069

GPSQC1 NM Min SVs          8                PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.9
        Monitor status Not monitored RMS 21.6
        Horz SD              Vert SD
        Start wk 1554 sec 242861.8 End wk 1554 sec 242866.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108361598
        VCV xx 0.0002184975 VCV xy 0.0002765417
        VCV xz -0.0001446615 VCV yy 0.0005281313
        VCV yz -0.0002775548 VCV zz 0.0002216106

GPSVEC TP Point ID 45566      DX -6376.250      DY 1333.275
        Class Normal      DZ -1947.687      Code R-25-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.069

GPSQC1 NM Min SVs          8                PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.9
        Monitor status Not monitored RMS 19.8
        Horz SD              Vert SD
        Start wk 1554 sec 242872.0 End wk 1554 sec 242877.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108219245
        VCV xx 0.0002168076 VCV xy 0.0002744922
        VCV xz -0.0001437466 VCV yy 0.0005254191
        VCV yz -0.0002764769 VCV zz 0.0002210899

GPSVEC TP Point ID 45567      DX -6370.400      DY 1325.642
        Class Normal      DZ -1953.453      Code R-23-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.069

GPSQC1 NM Min SVs          8                PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.9
        Monitor status Not monitored RMS 21.6
        Horz SD              Vert SD
        Start wk 1554 sec 242890.2 End wk 1554 sec 242895.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108416183
        VCV xx 0.0002155275 VCV xy 0.0002730328
        VCV xz -0.0001433093 VCV yy 0.000524895
        VCV yz -0.0002769245 VCV zz 0.0002220956

GPSVEC TP Point ID 45568      DX -6369.357      DY 1324.442
        Class Normal      DZ -1954.416      Code R-23-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.069

GPSQC1 NM Min SVs          8                PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.9
        Monitor status Not monitored RMS 18.5
        Horz SD              Vert SD
        Start wk 1554 sec 242900.4 End wk 1554 sec 242905.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108274873
        VCV xx 0.0002136878 VCV xy 0.0002707919
        VCV xz -0.0001423098 VCV yy 0.0005219189
        VCV yz -0.000275747 VCV zz 0.0002215349

GPSVEC TP Point ID 45569      DX -6368.044      DY 1324.550
        Class Normal      DZ -1953.375      Code R-23-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.069

GPSQC1 NM Min SVs          8                PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.9
        Monitor status Not monitored RMS 19.8
        Horz SD              Vert SD
        Start wk 1554 sec 242911.4 End wk 1554 sec 242916.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108566927
        VCV xx 0.0002136235 VCV xy 0.0002707869
        VCV xz -0.000142502 VCV yy 0.0005233556
        VCV yz -0.0002769461 VCV zz 0.0002229268

GPSVEC TP Point ID 45570      DX -6359.048      DY 1320.366
        Class Normal      DZ -1953.325      Code R-22-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.069

GPSQC1 NM Min SVs          8                PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.9
        Monitor status Not monitored RMS 21.7
        Horz SD              Vert SD
        Start wk 1554 sec 242928.4 End wk 1554 sec 242933.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108359307
        VCV xx 0.0002108405 VCV xy 0.0002674145
        VCV xz -0.0001410438 VCV yy 0.0005189002
        VCV yz -0.0002752842 VCV zz 0.000222178

GPSVEC TP Point ID 45571      DX -6357.728      DY 1320.410
        Class Normal      DZ -1952.447      Code R-22-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.068
    
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GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.9
          Monitor status Not monitored RMS       19.9
          Horz SD                               Vert SD
          Start wk 1554 sec 242939.4          End wk 1554 sec 242944.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108155943
          VCV xx 0.0002089011       VCV xy 0.0002650323
          VCV xz -0.0001399588      VCV yy 0.0005155941
          VCV yz -0.0002739146      VCV zz 0.0002214608

GPSVEC TP Point ID 45572          DX -6356.887      DY 1319.297
          Class Normal              DZ -1953.326      Code R-22-PS
          Obs L1 Fixed              H.pr 0.038       V.pr 0.068

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.9
          Monitor status Not monitored RMS       18.1
          Horz SD                               Vert SD
          Start wk 1554 sec 242949.6          End wk 1554 sec 242954.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108230393
          VCV xx 0.0002080805       VCV xy 0.0002640495
          VCV xz -0.0001395986      VCV yy 0.0005149335
          VCV yz -0.0002739249      VCV zz 0.0002218474

GPSVEC TP Point ID 45573          DX -6349.844      DY 1316.062
          Class Normal              DZ -1953.380      Code R-21-PS
          Obs L1 Fixed              H.pr 0.038       V.pr 0.068

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.9
          Monitor status Not monitored RMS       18.1
          Horz SD                               Vert SD
          Start wk 1554 sec 242964.6          End wk 1554 sec 242969.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108395936
          VCV xx 0.0002069811       VCV xy 0.0002627533
          VCV xz -0.0001391829      VCV yy 0.0005142934
          VCV yz -0.0002741911      VCV zz 0.0002226297

GPSVEC TP Point ID 45574          DX -6348.888      DY 1314.889
          Class Normal              DZ -1954.326      Code R-21-PS
          Obs L1 Fixed              H.pr 0.038       V.pr 0.068

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.9
          Monitor status Not monitored RMS       19.8
          Horz SD                               Vert SD
          Start wk 1554 sec 242973.6          End wk 1554 sec 242978.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108594131
          VCV xx 0.0002067849       VCV xy 0.0002625425
          VCV xz -0.0001392186      VCV yy 0.0005150472
          VCV yz -0.0002749317      VCV zz 0.0002235945

GPSVEC TP Point ID 45575          DX -6347.674      DY 1315.038
          Class Normal              DZ -1953.389      Code R-21-PS
          Obs L1 Fixed              H.pr 0.038       V.pr 0.068

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.9
          Monitor status Not monitored RMS       19.9
          Horz SD                               Vert SD
          Start wk 1554 sec 242983.6          End wk 1554 sec 242988.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108404187
          VCV xx 0.0002049671       VCV xy 0.0002603086
          VCV xz -0.0001382108      VCV yy 0.000511861
          VCV yz -0.0002736252      VCV zz 0.0002228859

GPSVEC TP Point ID 45576          DX -6338.795      DY 1310.962
          Class Normal              DZ -1953.384      Code R-20-PS
          Obs L1 Fixed              H.pr 0.038       V.pr 0.068

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.9
          Monitor status Not monitored RMS       18.1
          Horz SD                               Vert SD
          Start wk 1554 sec 242999.8          End wk 1554 sec 243004.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0108529171
          VCV xx 0.0002036659       VCV xy 0.0002587471
          VCV xz -0.0001376656      VCV yy 0.0005107941
          VCV yz -0.0002736989      VCV zz 0.0002235599

GPSVEC TP Point ID 45577          DX -6337.358      DY 1310.987
          Class Normal              DZ -1952.581      Code R-20-PS
          Obs L1 Fixed              H.pr 0.038       V.pr 0.068

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.9
          Monitor status Not monitored RMS       21.6
          Horz SD                               Vert SD
          Start wk 1554 sec 243010.8          End wk 1554 sec 243015.8
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.010852539
VCV xx 0.0002024036 VCV xy 0.0002571997
VCV xz -0.0001370241 VCV yy 0.0005090866
VCV yz -0.0002731984 VCV zz 0.0002235674

GPSVEC TP Point ID 45578 DX -6336.640 DY 1309.961
Class Normal DZ -1953.405 Code R-20-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.068

GPSQC1 NM Min SVs 8 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 7 VDOP max 1.9
Monitor status Not monitored RMS 21.6
Horz SD Vert SD
Start wk 1554 sec 243020.0 End wk 1554 sec 243025.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108314231
VCV xx 0.0002005647 VCV xy 0.0002549071
VCV xz -0.0001359505 VCV yy 0.0005057218
VCV yz -0.0002717304 VCV zz 0.0002227319

GPSVEC TP Point ID 45579 DX -6329.433 DY 1306.655
Class Normal DZ -1953.464 Code R-19-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.068

GPSQC1 NM Min SVs 8 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 243039.8 End wk 1554 sec 243045.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108414805
VCV xx 0.0001989301 VCV xy 0.0002529152
VCV xz -0.0001352169 VCV yy 0.0005041073
VCV yz -0.000271616 VCV zz 0.0002233725

GPSVEC TP Point ID 45580 DX -6328.340 DY 1305.494
Class Normal DZ -1954.310 Code R-19-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 8 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 19.8
Horz SD Vert SD
Start wk 1554 sec 243049.0 End wk 1554 sec 243054.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108277332
VCV xx 0.0001974455 VCV xy 0.0002510611
VCV xz -0.0001343535 VCV yy 0.0005014499
VCV yz -0.0002704783 VCV zz 0.0002227656

GPSVEC TP Point ID 45581 DX -6327.146 DY 1305.605
Class Normal DZ -1953.388 Code R-19-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 8 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 243061.0 End wk 1554 sec 243066.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108215213
VCV xx 0.0001959606 VCV xy 0.0002492152
VCV xz -0.000133555 VCV yy 0.0004991898
VCV yz -0.0002696959 VCV zz 0.0002225767

GPSVEC TP Point ID 45582 DX -6318.317 DY 1301.408
Class Normal DZ -1953.431 Code R-18-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 8 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 7 VDOP max 1.9
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 243077.2 End wk 1554 sec 243083.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108024441
VCV xx 0.0001935459 VCV xy 0.0002462097
VCV xz -0.000132227 VCV yy 0.0004951702
VCV yz -0.000268174 VCV zz 0.0002219591

GPSVEC TP Point ID 45583 DX -6316.821 DY 1301.521
Class Normal DZ -1952.267 Code R-18-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.067

GPSQC1 NM Min SVs 8 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 20.2
Horz SD Vert SD
Start wk 1554 sec 243095.2 End wk 1554 sec 243100.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108482242
VCV xx 0.0001933255 VCV xy 0.0002459498
VCV xz -0.0001323701 VCV yy 0.0004967986
VCV yz -0.0002697215 VCV zz 0.0002239574
    
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GPSVEC	TP	Point ID 45584	DX	-6315.291	DY	1299.045
		Class Normal	DZ	-1954.663	Code	R-18-PS
		Obs L1 Fixed	H.pr	0.038	V.pr	0.067
GPSQC1	NM	Min SVs 8		PDOP max	2.2	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 6		VDOP max	1.9	
		Monitor status Not monitored		RMS	22.0	
		Horz SD		Vert SD		
		Start wk 1554 sec 243119.2		End wk 1554 sec 243124.2		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108973039	
		VCV xx 0.0001925005		VCV xy	0.0002449571	
		VCV xz -0.0001322713		VCV yy	0.0004978055	
		VCV yz -0.0002712845		VCV zz	0.0002262514	
GPSVEC	TP	Point ID 45585	DX	-6316.124	DY	1302.991
		Class Normal	DZ	-1949.907	Code	DS-4\R-10-PS
		Obs L1 Fixed	H.pr	0.038	V.pr	0.067
GPSQC1	NM	Min SVs 8		PDOP max	2.1	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 5		VDOP max	1.9	
		Monitor status Not monitored		RMS	21.7	
		Horz SD		Vert SD		
		Start wk 1554 sec 243140.6		End wk 1554 sec 243145.6		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108877355	
		VCV xx 0.0001898591		VCV xy	0.0002416541	
		VCV xz -0.0001308708		VCV yy	0.0004937495	
		VCV yz -0.0002699675		VCV zz	0.0002260308	
GPSVEC	TP	Point ID 45586	DX	-6314.440	DY	1305.947
		Class Normal	DZ	-1945.359	Code	DS-4\R-10-PS
		Obs L1 Fixed	H.pr	0.038	V.pr	0.067
GPSQC1	NM	Min SVs 8		PDOP max	2.1	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 6		VDOP max	1.9	
		Monitor status Not monitored		RMS	20.0	
		Horz SD		Vert SD		
		Start wk 1554 sec 243156.6		End wk 1554 sec 243161.6		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.010883023	
		VCV xx 0.0001880602		VCV xy	0.0002393973	
		VCV xz -0.0001299097		VCV yy	0.0004910209	
		VCV yz -0.0002690864		VCV zz	0.0002259216	
GPSVEC	TP	Point ID 45587	DX	-6309.431	DY	1295.739
		Class Normal	DZ	-1955.377	Code	R-17-PS
		Obs L1 Fixed	H.pr	0.038	V.pr	0.067
GPSQC1	NM	Min SVs 8		PDOP max	2.1	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 6		VDOP max	1.9	
		Monitor status Not monitored		RMS	20.0	
		Horz SD		Vert SD		
		Start wk 1554 sec 243180.6		End wk 1554 sec 243185.6		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0109141003	
		VCV xx 0.0001866455		VCV xy	0.0002376079	
		VCV xz -0.0001293454		VCV yy	0.0004903128	
		VCV yz -0.0002696647		VCV zz	0.000227427	
GPSVEC	TP	Point ID 45588	DX	-6309.162	DY	1291.381
		Class Normal	DZ	-1961.138	Code	R-17-PS
		Obs L1 Fixed	H.pr	0.037	V.pr	0.066
GPSQC1	NM	Min SVs 8		PDOP max	2.1	
		Relative DOPs Yes		HDOP max	1.1	
		Total GPS pos 6		VDOP max	1.9	
		Monitor status Not monitored		RMS	21.7	
		Horz SD		Vert SD		
		Start wk 1554 sec 243193.6		End wk 1554 sec 243198.6		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108880866	
		VCV xx 0.0001845163		VCV xy	0.0002349133	
		VCV xz -0.0001280801		VCV yy	0.0004862408	
		VCV yz -0.0002679002		VCV zz	0.0002264459	
GPSVEC	TP	Point ID 45589	DX	-6308.207	DY	1291.180
		Class Normal	DZ	-1960.864	Code	R-17-PS
		Obs L1 Fixed	H.pr	0.037	V.pr	0.066
GPSQC1	NM	Min SVs 8		PDOP max	2.1	
		Relative DOPs Yes		HDOP max	1.0	
		Total GPS pos 6		VDOP max	1.9	
		Monitor status Not monitored		RMS	20.0	
		Horz SD		Vert SD		
		Start wk 1554 sec 243202.8		End wk 1554 sec 243207.8		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108882543	
		VCV xx 0.0001835866		VCV xy	0.0002337184	
		VCV xz -0.0001275537		VCV yy	0.0004848313	
		VCV yz -0.0002674251		VCV zz	0.0002264201	
GPSVEC	TP	Point ID 45590	DX	-6307.476	DY	1291.036
		Class Normal	DZ	-1960.612	Code	R-17-PS
		Obs L1 Fixed	H.pr	0.037	V.pr	0.066

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GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 21.7
Horz SD Vert SD
Start wk 1554 sec 243212.8 End wk 1554 sec 243217.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108854938
VCV xx 0.0001825049 VCV xy 0.0002323383
VCV xz -0.0001269543 VCV yy 0.0004831401
VCV yz -0.0002668595 VCV zz 0.0002263515

GPSVEC TP Point ID 45591 DX -6304.214 DY 1290.708
Class Normal DZ -1959.063 Code R-17-S
Obs L1 Fixed H.pr 0.037 V.pr 0.066

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 18.2
Horz SD Vert SD
Start wk 1554 sec 243225.8 End wk 1554 sec 243230.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108729219
VCV xx 0.0001808613 VCV xy 0.0002302399
VCV xz -0.0001260057 VCV yy 0.0004802794
VCV yz -0.0002657532 VCV zz 0.0002259424

GPSVEC TP Point ID 45592 DX -6303.569 DY 1290.872
Class Normal DZ -1958.424 Code R-17-S
Obs L1 Fixed H.pr 0.037 V.pr 0.066

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 243236.0 End wk 1554 sec 243241.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108814212
VCV xx 0.0001801707 VCV xy 0.0002293336
VCV xz -0.0001256529 VCV yy 0.0004795794
VCV yz -0.0002657145 VCV zz 0.0002263428

GPSVEC TP Point ID 45593 DX -6303.025 DY 1291.730
Class Normal DZ -1956.940 Code R-17-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.066

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.8
Monitor status Not monitored RMS 18.5
Horz SD Vert SD
Start wk 1554 sec 243247.4 End wk 1554 sec 243253.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108558405
VCV xx 0.0001781643 VCV xy 0.0002267845
VCV xz -0.0001244491 VCV yy 0.0004756021
VCV yz -0.00026397 VCV zz 0.0002253308

GPSVEC TP Point ID 45594 DX -6302.841 DY 1292.338
Class Normal DZ -1955.941 Code R-17-S
Obs L1 Fixed H.pr 0.037 V.pr 0.065

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 243260.4 End wk 1554 sec 243265.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108219571
VCV xx 0.0001757831 VCV xy 0.0002237498
VCV xz -0.0001229772 VCV yy 0.000470664
VCV yz -0.000261692 VCV zz 0.0002238923

GPSVEC TP Point ID 45595 DX -6303.230 DY 1292.960
Class Normal DZ -1955.255 Code R-17-S
Obs L1 Fixed H.pr 0.037 V.pr 0.065

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 19.9
Horz SD Vert SD
Start wk 1554 sec 243272.4 End wk 1554 sec 243277.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0108362352
VCV xx 0.0001750912 VCV xy 0.0002228389
VCV xz -0.0001226632 VCV yy 0.0004701682
VCV yz -0.0002618711 VCV zz 0.0002245674

GPSVEC TP Point ID 45596 DX -6303.626 DY 1293.337
Class Normal DZ -1954.992 Code R-17-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.065

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 19.9
Horz SD Vert SD
Start wk 1554 sec 243289.6 End wk 1554 sec 243294.6

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GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108538205
		VCV xx 0.0001740562		VCV xy	0.0002214909
		VCV xz -0.0001222098		VCV yy	0.0004693374
		VCV yz -0.0002621087		VCV zz	0.0002255093
GPSVEC	TP	Point ID 45597	DX -6307.838	DY	1295.679
		Class Normal	DZ -1954.364	Code	R-17-S
		Obs L1 Fixed	H.pr 0.037	V.pr	0.065
GPSQC1	NM	Min SVs 8		PDOP max	2.1
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.8
		Monitor status Not monitored		RMS	19.9
		Horz SD		Vert SD	
		Start wk 1554 sec 243305.6		End wk 1554 sec 243310.6	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108674662
		VCV xx 0.0001729566		VCV xy	0.0002200586
		VCV xz -0.0001216851		VCV yy	0.0004681816
		VCV yz -0.0002621095		VCV zz	0.0002262042
GPSVEC	TP	Point ID 45598	DX -6308.428	DY	1295.913
		Class Normal	DZ -1954.434	Code	R-17-S
		Obs L1 Fixed	H.pr 0.037	V.pr	0.065
GPSQC1	NM	Min SVs 8		PDOP max	2.1
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.8
		Monitor status Not monitored		RMS	21.7
		Horz SD		Vert SD	
		Start wk 1554 sec 243313.8		End wk 1554 sec 243318.8	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108618494
		VCV xx 0.0001720379		VCV xy	0.0002188707
		VCV xz -0.0001211431		VCV yy	0.0004665512
		VCV yz -0.0002614765		VCV zz	0.0002259905
GPSVEC	TP	Point ID 45599	DX -6309.140	DY	1295.852
		Class Normal	DZ -1954.975	Code	R-17-S
		Obs L1 Fixed	H.pr 0.037	V.pr	0.065
GPSQC1	NM	Min SVs 8		PDOP max	2.1
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.8
		Monitor status Not monitored		RMS	18.1
		Horz SD		Vert SD	
		Start wk 1554 sec 243322.8		End wk 1554 sec 243327.8	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108305654
		VCV xx 0.0001701888		VCV xy	0.0002165081
		VCV xz -0.0001199637		VCV yy	0.0004624712
		VCV yz -0.0002594997		VCV zz	0.0002246315
GPSVEC	TP	Point ID 45600	DX -6310.091	DY	1292.155
		Class Normal	DZ -1960.663	Code	R-17-S
		Obs L1 Fixed	H.pr 0.037	V.pr	0.065
GPSQC1	NM	Min SVs 8		PDOP max	2.1
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.8
		Monitor status Not monitored		RMS	19.9
		Horz SD		Vert SD	
		Start wk 1554 sec 243334.8		End wk 1554 sec 243339.8	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108635845
		VCV xx 0.0001701124		VCV xy	0.0002163504
		VCV xz -0.0001200493		VCV yy	0.0004635505
		VCV yz -0.0002605359		VCV zz	0.0002260755
GPSVEC	TP	Point ID 45601	DX -6309.933	DY	1291.847
		Class Normal	DZ -1961.003	Code	R-17-S
		Obs L1 Fixed	H.pr 0.037	V.pr	0.064
GPSQC1	NM	Min SVs 8		PDOP max	2.1
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.8
		Monitor status Not monitored		RMS	18.1
		Horz SD		Vert SD	
		Start wk 1554 sec 243344.8		End wk 1554 sec 243350.0	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108358217
		VCV xx 0.0001683362		VCV xy	0.0002140791
		VCV xz -0.0001189423		VCV yy	0.0004597605
		VCV yz -0.0002587774		VCV zz	0.0002249472
GPSVEC	TP	Point ID 45602	DX -6309.581	DY	1291.559
		Class Normal	DZ -1961.152	Code	R-17-S
		Obs L1 Fixed	H.pr 0.037	V.pr	0.064
GPSQC1	NM	Min SVs 8		PDOP max	2.1
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.8
		Monitor status Not monitored		RMS	19.8
		Horz SD		Vert SD	
		Start wk 1554 sec 243354.0		End wk 1554 sec 243359.0	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0108166309
		VCV xx 0.0001669865		VCV xy	0.0002123359
		VCV xz -0.0001180964		VCV yy	0.0004569859
		VCV yz -0.0002575165		VCV zz	0.0002242184

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GPSVEC SO Point ID 45603      DX  -6243.106      DY  1227.615
        Class Stake out      DZ  -2033.052      Code 10-20-09-CP106-P
        Obs L1 Fixed         H.pr 0.037       V.pr 0.064

F-CODE SO Code 10-20-09-CP106-POSTCHK

GPSQC1 NM Min SVs          8          PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 7       VDOP max 1.8
        Monitor status Not monitored RMS 21.8
        Horz SD              Vert SD
        Start wk 1554 sec 243446.8 End wk 1554 sec 243452.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0109477257
        VCV xx 0.0001622839      VCV xy 0.000206027
        VCV xz -0.0001161898     VCV yy 0.0004541881
        VCV yz -0.0002599492     VCV zz 0.0002306135

PT DGN SO Name              106          To the Point

GRID D SO Delta N          -0.038      Delta E          -0.026
        Delta Elv         -0.002

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 10/22/2009 Time 19:15:04

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 FD Point ID 01          Lat 36°03'10.41789"N Lng 114°59'30.73489"W
        Class Check          Hgt 1648.363      Code 6-13-08-OPUS-BAS
        Obs User Input        H.pr <null>      V.pr <null>

EQUIP SI Receiver 4700          Serial no <no text>
        Antenna Micro-centered L1/L2 w/Ground
        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 0.207          Measuremt True

GPSREF KI Reference 01

INIT KI Init event Gained          Week 1554
        Init type On the fly      seconds 429337.0
        Init counter 2          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=4.020

GPSANT KI Antenna ht 6.562          Measuremt Uncorrected

GPSVEC TP Point ID 45604      DX  -6514.944      DY  1503.339
        Class Normal          DZ  -1853.504      Code DS-16\R-50-EXT
        Obs L1 Fixed         H.pr 0.038       V.pr 0.059

GPSQC1 NM Min SVs          7          PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 7       VDOP max 2.1
        Monitor status Not monitored RMS 17.9
        Horz SD              Vert SD
        Start wk 1554 sec 429406.2 End wk 1554 sec 429412.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0087876348
        VCV xx 0.0000839211      VCV xy 0.0001214853
        VCV xz -0.000129161     VCV yy 0.0002919587
        VCV yz -0.0002991293     VCV zz 0.0003921948

GPSVEC TP Point ID 45605      DX  -6520.640      DY  1506.298
        Class Normal          DZ  -1853.151      Code DS-16\R-50-EXT
        Obs L1 Fixed         H.pr 0.040       V.pr 0.062

GPSQC1 NM Min SVs          7          PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6       VDOP max 2.1
        Monitor status Not monitored RMS 27.8
        Horz SD              Vert SD
        Start wk 1554 sec 429439.2 End wk 1554 sec 429444.2

GPSQC2 NM Ttl satellites 7          Err Scale 0.0092034359
        VCV xx 0.0000927977      VCV xy 0.0001340703
        VCV xz -0.0001428177     VCV yy 0.0003212957
        VCV yz -0.0003287086     VCV zz 0.0004312321
    
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GPSVEC TP Point ID 45606      DX  -6403.212      DY  1427.315
        Class Normal      DZ  -1881.785      Code EXT-TN
        Obs L1 Fixed      H.pr 0.046      V.pr 0.075

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.1
        Monitor status Not monitored      RMS 20.2
        Horz SD      Vert SD
        Start wk 1554 sec 429736.2      End wk 1554 sec 429741.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0107727302
        VCV xx 0.0001420598      VCV xy 0.000196333
        VCV xz -0.0002095687      VCV yy 0.0004555271
        VCV yz -0.0004514714      VCV zz 0.0005972824

GPSVEC TP Point ID 45607      DX  -6440.893      DY  1361.077
        Class Normal      DZ  -1937.272      Code R-85
        Obs L1 Fixed      H.pr 0.046      V.pr 0.074

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 7      VDOP max 2.1
        Monitor status Not monitored      RMS 17.9
        Horz SD      Vert SD
        Start wk 1554 sec 429791.8      End wk 1554 sec 429797.6

GPSQC2 NM Ttl satellites 7      Err Scale 0.0106520839
        VCV xx 0.0001416958      VCV xy 0.000194325
        VCV xz -0.0002072046      VCV yy 0.0004489008
        VCV yz -0.000441545      VCV zz 0.0005843879

GPSVEC TP Point ID 45608      DX  -6301.265      DY  1263.750
        Class Normal      DZ  -2019.126      Code DS-14\R-79-EXT
        Obs L1 Fixed      H.pr 0.045      V.pr 0.073

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.1
        Monitor status Not monitored      RMS 17.4
        Horz SD      Vert SD
        Start wk 1554 sec 429930.0      End wk 1554 sec 429935.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0104000755
        VCV xx 0.0001423094      VCV xy 0.0001908557
        VCV xz -0.0002024407      VCV yy 0.0004363201
        VCV yz -0.0004194456      VCV zz 0.0005556277

GPSVEC TP Point ID 45609      DX  -6294.131      DY  1261.881
        Class Normal      DZ  -2017.386      Code DS-14\R-79-EXT
        Obs L1 Fixed      H.pr 0.045      V.pr 0.073

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.1
        Monitor status Not monitored      RMS 17.6
        Horz SD      Vert SD
        Start wk 1554 sec 429948.2      End wk 1554 sec 429953.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0103440965
        VCV xx 0.000141725      VCV xy 0.0001895038
        VCV xz -0.0002008529      VCV yy 0.0004327293
        VCV yz -0.0004146703      VCV zz 0.000549348

GPSVEC TP Point ID 45610      DX  -6295.268      DY  1261.603
        Class Normal      DZ  -2018.411      Code R-80-S
        Obs L1 Fixed      H.pr 0.044      V.pr 0.072

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 7      VDOP max 2.1
        Monitor status Not monitored      RMS 19.2
        Horz SD      Vert SD
        Start wk 1554 sec 429964.4      End wk 1554 sec 429970.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0102398312
        VCV xx 0.0001397523      VCV xy 0.0001863342
        VCV xz -0.0001973394      VCV yy 0.000425035
        VCV yz -0.0004060392      VCV zz 0.0005379465

GPSVEC TP Point ID 45611      DX  -6295.627      DY  1261.451
        Class Normal      DZ  -2018.830      Code R-80-S
        Obs L1 Fixed      H.pr 0.044      V.pr 0.072

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.1
        Monitor status Not monitored      RMS 20.9
        Horz SD      Vert SD
        Start wk 1554 sec 429974.4      End wk 1554 sec 429979.4

GPSQC2 NM Ttl satellites 7      Err Scale 0.0102144247
        VCV xx 0.0001395652      VCV xy 0.0001857746
        VCV xz -0.0001966666      VCV yy 0.0004235088
        VCV yz -0.0004038656      VCV zz 0.0005350967

GPSVEC TP Point ID 45612      DX  -6300.156      DY  1262.731
        Class Normal      DZ  -2019.756      Code R-80-S
        Obs L1 Fixed      H.pr 0.044      V.pr 0.072
    
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GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 20.4
Horz SD Vert SD
Start wk 1554 sec 429985.4 End wk 1554 sec 429990.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101780789
VCV xx 0.0001391167 VCV xy 0.000184868
VCV xz -0.0001956015 VCV yy 0.0004211978
VCV yz -0.0004008732 VCV zz 0.0005311157

GPSVEC TP Point ID 45613 DX -6301.111 DY 1263.362
Class Del normal DZ -2019.536 Code R-80-S
Obs L1 Fixed H.pr 0.044 V.pr 0.073

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 20.4
Horz SD Vert SD
Start wk 1554 sec 429996.4 End wk 1554 sec 430001.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0103264079
VCV xx 0.0001437682 VCV xy 0.0001906961
VCV xz -0.0002016626 VCV yy 0.0004341963
VCV yz -0.0004124008 VCV zz 0.0005464065

NOTE NM Deleted 7:26:40 PM 10/22/2009

GPSVEC TP Point ID 45614 DX -6300.401 DY 1262.977
Class Normal DZ -2019.518 Code R-80-S
Obs L1 Fixed H.pr 0.044 V.pr 0.072

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 18.7
Horz SD Vert SD
Start wk 1554 sec 430028.0 End wk 1554 sec 430033.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101657994
VCV xx 0.0001410328 VCV xy 0.0001860477
VCV xz -0.0001963592 VCV yy 0.0004227743
VCV yz -0.0003989627 VCV zz 0.0005285678

GPSVEC TP Point ID 45615 DX -6225.932 DY 1290.162
Class Normal DZ -1946.136 Code REPAIR-S
Obs L1 Fixed H.pr 0.042 V.pr 0.070

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 17.9
Horz SD Vert SD
Start wk 1554 sec 430152.0 End wk 1554 sec 430157.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0098117152
VCV xx 0.0001374104 VCV xy 0.0001776417
VCV xz -0.0001858066 VCV yy 0.0004013543
VCV yz -0.00036854 VCV zz 0.0004874771

GPSVEC TP Point ID 45616 DX -6225.018 DY 1289.765
Class Normal DZ -1946.127 Code REPAIR-S
Obs L1 Fixed H.pr 0.043 V.pr 0.071

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 18.0
Horz SD Vert SD
Start wk 1554 sec 430162.0 End wk 1554 sec 430167.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0099959215
VCV xx 0.0001430597 VCV xy 0.000184658
VCV xz -0.0001930573 VCV yy 0.0004170794
VCV yz -0.0003822621 VCV zz 0.0005056318

GPSVEC TP Point ID 45617 DX -6224.712 DY 1290.446
Class Normal DZ -1945.002 Code REPAIR-S
Obs L1 Fixed H.pr 0.043 V.pr 0.071

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1554 sec 430173.4 End wk 1554 sec 430179.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0099682631
VCV xx 0.0001428342 VCV xy 0.000184017
VCV xz -0.0001922353 VCV yy 0.000415474
VCV yz -0.000379803 VCV zz 0.0005023111

GPSVEC TP Point ID 45618 DX -6225.832 DY 1291.053
Class Normal DZ -1944.973 Code REPAIR-S
Obs L1 Fixed H.pr 0.043 V.pr 0.071
    
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GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	19.9
		Horz SD		Vert SD	
		Start wk 1554 sec	430184.0	End wk 1554 sec	430189.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0099578938
		VCV xx	0.0001430023	VCV xy	0.0001839429
		VCV xz	-0.0001920342	VCV yy	0.0004151835
		VCV yz	-0.0003787203	VCV zz	0.000500826
GPSVEC	TP	Point ID 45619	DX -6224.102	DY	1290.272
		Class Normal	DZ -1945.213	Code	REPAIR-S
		Obs L1 Fixed	H.pr 0.044	V.pr	0.073
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	20.3
		Horz SD		Vert SD	
		Start wk 1554 sec	430195.2	End wk 1554 sec	430200.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0102457181
		VCV xx	0.0001519805	VCV xy	0.0001951005
		VCV xz	-0.0002035251	VCV yy	0.0004401807
		VCV yz	-0.0004004796	VCV zz	0.0005295728
GPSVEC	TP	Point ID 45620	DX -6225.774	DY	1292.243
		Class Normal	DZ -1943.685	Code	REPAIR-S
		Obs L1 Fixed	H.pr 0.044	V.pr	0.072
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	20.8
		Horz SD		Vert SD	
		Start wk 1554 sec	430204.2	End wk 1554 sec	430209.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0101825194
		VCV xx	0.0001505193	VCV xy	0.0001929963
		VCV xz	-0.0002011977	VCV yy	0.0004353558
		VCV yz	-0.0003953374	VCV zz	0.0005226582
GPSVEC	TP	Point ID 45621	DX -6224.499	DY	1293.008
		Class Normal	DZ -1942.035	Code	REPAIR-S
		Obs L1 Fixed	H.pr 0.044	V.pr	0.073
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	18.9
		Horz SD		Vert SD	
		Start wk 1554 sec	430214.2	End wk 1554 sec	430219.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0102168592
		VCV xx	0.0001520789	VCV xy	0.0001946413
		VCV xz	-0.0002027665	VCV yy	0.0004389042
		VCV yz	-0.0003976029	VCV zz	0.0005256229
GPSVEC	TP	Point ID 45622	DX -6223.188	DY	1292.630
		Class Normal	DZ -1941.815	Code	REPAIR-S
		Obs L1 Fixed	H.pr 0.044	V.pr	0.072
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	19.0
		Horz SD		Vert SD	
		Start wk 1554 sec	430223.2	End wk 1554 sec	430228.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0101849958
		VCV xx	0.0001516424	VCV xy	0.0001937345
		VCV xz	-0.0002016857	VCV yy	0.0004366905
		VCV yz	-0.0003946921	VCV zz	0.0005217719
GPSVEC	TP	Point ID 45623	DX -6223.036	DY	1293.291
		Class Normal	DZ -1941.005	Code	REPAIR-S
		Obs L1 Fixed	H.pr 0.044	V.pr	0.072
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	20.6
		Horz SD		Vert SD	
		Start wk 1554 sec	430232.2	End wk 1554 sec	430237.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0101479543
		VCV xx	0.0001508883	VCV xy	0.000192616
		VCV xz	-0.000200361	VCV yy	0.0004341517
		VCV yz	-0.0003916701	VCV zz	0.0005175525
GPSVEC	TP	Point ID 45624	DX -6224.074	DY	1293.725
		Class Normal	DZ -1941.021	Code	REPAIR-S
		Obs L1 Fixed	H.pr 0.044	V.pr	0.072
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.1
		Horz SD		Vert SD	
		Start wk 1554 sec	430241.2	End wk 1554 sec	430246.2

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0101603298
          VCV xx 0.0001516769 VCV xy 0.0001933554
          VCV xz -0.0002010003 VCV yy 0.0004357307
          VCV yz -0.0003922953 VCV zz 0.0005183038

GPSVEC TP Point ID 45625 DX -6277.416 DY 1299.767
          Class Normal DZ -1936.074 Code DS-2\R-8-PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.072

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 16.7
          Horz SD Vert SD
          Start wk 1554 sec 430302.6 End wk 1554 sec 430307.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101069212
          VCV xx 0.0001531097 VCV xy 0.0001934226
          VCV xz -0.0001998539 VCV yy 0.0004352895
          VCV yz -0.0003857789 VCV zz 0.0005086504

GPSVEC TP Point ID 45626 DX -6283.092 DY 1300.378
          Class Normal DZ -1935.644 Code DS-2\R-8-PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.072

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 18.5
          Horz SD Vert SD
          Start wk 1554 sec 430316.6 End wk 1554 sec 430321.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100964969
          VCV xx 0.0001534682 VCV xy 0.0001934475
          VCV xz -0.000199641 VCV yy 0.0004352504
          VCV yz -0.00038438 VCV zz 0.0005066434

GPSVEC TP Point ID 45627 DX -6706.349 DY 1514.079
          Class Normal DZ -1899.877 Code TOP-PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.072

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 18.3
          Horz SD Vert SD
          Start wk 1554 sec 430501.4 End wk 1554 sec 430507.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0099838041
          VCV xx 0.0001613351 VCV xy 0.0001953959
          VCV xz -0.0001976443 VCV yy 0.0004353888
          VCV yz -0.0003627603 VCV zz 0.0004786684

GPSVEC TP Point ID 45628 DX -6713.677 DY 1519.291
          Class Normal DZ -1897.835 Code TOP
          Obs L1 Fixed H.pr 0.043 V.pr 0.072

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 18.3
          Horz SD Vert SD
          Start wk 1554 sec 430524.6 End wk 1554 sec 430529.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100180563
          VCV xx 0.0001624058 VCV xy 0.0001969205
          VCV xz -0.0001987899 VCV yy 0.0004400959
          VCV yz -0.0003652741 VCV zz 0.0004804004

GPSVEC TP Point ID 45629 DX -6719.323 DY 1524.217
          Class Normal DZ -1895.152 Code TOP-PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.072

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 18.2
          Horz SD Vert SD
          Start wk 1554 sec 430564.6 End wk 1554 sec 430569.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.009984877
          VCV xx 0.0001617057 VCV xy 0.0001961429
          VCV xz -0.0001971616 VCV yy 0.0004400878
          VCV yz -0.0003622091 VCV zz 0.0004739455

GPSVEC TP Point ID 45630 DX -6735.645 DY 1537.909
          Class Normal DZ -1888.340 Code TOP\TOE-PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.071

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 7 VDOP max 2.2
          Monitor status Not monitored RMS 18.1
          Horz SD Vert SD
          Start wk 1554 sec 430619.0 End wk 1554 sec 430624.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.009926592
          VCV xx 0.0001609286 VCV xy 0.000194722
          VCV xz -0.0001945039 VCV yy 0.0004385321
          VCV yz -0.0003560208 VCV zz 0.0004633206
    
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GPSVEC TP Point ID 45631      DX  -6731.321      DY  1531.627
        Class Normal      DZ  -1893.229      Code TOE
        Obs L1 Fixed      H.pr 0.042      V.pr 0.071

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 18.0
        Horz SD      Vert SD
        Start wk 1554 sec 430641.8      End wk 1554 sec 430646.8

GPSQC2 NM Ttl satellites 7      Err Scale 0.0098982928
        VCV xx 0.000160551      VCV xy 0.0001939356
        VCV xz -0.0001932534      VCV yy 0.0004372942
        VCV yz -0.0003529609      VCV zz 0.0004585685

GPSVEC TP Point ID 45632      DX  -6726.402      DY  1522.006
        Class Normal      DZ  -1901.482      Code TOE-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.071

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 17.9
        Horz SD      Vert SD
        Start wk 1554 sec 430679.8      End wk 1554 sec 430685.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0098487567
        VCV xx 0.0001599072      VCV xy 0.0001926026
        VCV xz -0.000191036      VCV yy 0.0004351238
        VCV yz -0.0003475329      VCV zz 0.0004501056

GPSVEC TP Point ID 45633      DX  -6725.962      DY  1522.055
        Class Normal      DZ  -1901.246      Code R-?-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.071

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 19.6
        Horz SD      Vert SD
        Start wk 1554 sec 430710.0      End wk 1554 sec 430715.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0098370174
        VCV xx 0.0001602854      VCV xy 0.000192589
        VCV xz -0.0001903197      VCV yy 0.0004357376
        VCV yz -0.0003450855      VCV zz 0.0004458841

GPSVEC TP Point ID 45634      DX  -6723.416      DY  1522.681
        Class Normal      DZ  -1899.074      Code R-?-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.071

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 16.2
        Horz SD      Vert SD
        Start wk 1554 sec 430726.2      End wk 1554 sec 430731.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0098520545
        VCV xx 0.0001612019      VCV xy 0.0001933886
        VCV xz -0.0001907549      VCV yy 0.0004378957
        VCV yz -0.0003451878      VCV zz 0.0004455431

GPSVEC TP Point ID 45635      DX  -6723.920      DY  1521.175
        Class Normal      DZ  -1901.103      Code R-?-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.070

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 18.2
        Horz SD      Vert SD
        Start wk 1554 sec 430740.2      End wk 1554 sec 430745.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0098075112
        VCV xx 0.0001600562      VCV xy 0.0001918212
        VCV xz -0.0001888882      VCV yy 0.0004346615
        VCV yz -0.0003413296      VCV zz 0.0004400713

GPSVEC TP Point ID 45636      DX  -6706.905      DY  1524.692
        Class Normal      DZ  -1892.208      Code P-87
        Obs L1 Fixed      H.pr 0.041      V.pr 0.070

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 16.3
        Horz SD      Vert SD
        Start wk 1554 sec 430768.2      End wk 1554 sec 430773.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0097260149
        VCV xx 0.000158079      VCV xy 0.0001890257
        VCV xz -0.0001854575      VCV yy 0.0004289243
        VCV yz -0.0003340688      VCV zz 0.0004297308

GPSVEC TP Point ID 45637      DX  -6690.323      DY  1539.231
        Class Normal      DZ  -1878.484      Code R-105-PS
        Obs L1 Fixed      H.pr 0.041      V.pr 0.069
    
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GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	19.4
		Horz SD		Vert SD	
		Start wk 1554 sec	430795.4	End wk 1554 sec	430800.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0096717989
		VCV xx	0.00015693	VCV xy	0.0001872637
		VCV xz	-0.0001830583	VCV yy	0.000425551
		VCV yz	-0.0003287633	VCV zz	0.0004219152
GPSVEC	TP	Point ID 45638		DY	1539.680
		Class Normal		Code R-105-PS	
		Obs L1 Fixed	H.pr 0.041	V.pr	0.069
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	5	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.6
		Horz SD		Vert SD	
		Start wk 1554 sec	430805.4	End wk 1554 sec	430810.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.009658345
		VCV xx	0.0001567239	VCV xy	0.0001868306
		VCV xz	-0.0001824256	VCV yy	0.0004248112
		VCV yz	-0.0003272175	VCV zz	0.0004196728
GPSVEC	TP	Point ID 45639		DY	1541.191
		Class Normal		Code R-105-PS	
		Obs L1 Fixed	H.pr 0.041	V.pr	0.069
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.6
		Horz SD		Vert SD	
		Start wk 1554 sec	430822.6	End wk 1554 sec	430827.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0096201533
		VCV xx	0.000155818	VCV xy	0.0001855318
		VCV xz	-0.0001807527	VCV yy	0.0004222509
		VCV yz	-0.0003236512	VCV zz	0.000414494
GPSVEC	TP	Point ID 45640		DY	1549.306
		Class Normal		Code P-85	
		Obs L1 Fixed	H.pr 0.041	V.pr	0.069
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	19.3
		Horz SD		Vert SD	
		Start wk 1554 sec	430839.6	End wk 1554 sec	430844.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.00961845
		VCV xx	0.000156143	VCV xy	0.0001856533
		VCV xz	-0.0001804634	VCV yy	0.0004229275
		VCV yz	-0.0003224856	VCV zz	0.0004124432
GPSVEC	TP	Point ID 45641		DY	1525.898
		Class Normal		Code DS-18\R-76-PS	
		Obs L1 Fixed	H.pr 0.040	V.pr	0.069
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	19.3
		Horz SD		Vert SD	
		Start wk 1554 sec	430884.8	End wk 1554 sec	430889.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0095680235
		VCV xx	0.0001553641	VCV xy	0.0001841915
		VCV xz	-0.0001778806	VCV yy	0.0004206845
		VCV yz	-0.0003164019	VCV zz	0.0004029204
GPSVEC	TP	Point ID 45642		DY	1529.690
		Class Normal		Code DS-18\R-76-PS	
		Obs L1 Fixed	H.pr 0.040	V.pr	0.068
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.7
		Horz SD		Vert SD	
		Start wk 1554 sec	430898.0	End wk 1554 sec	430903.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0095038218
		VCV xx	0.0001535152	VCV xy	0.0001818156
		VCV xz	-0.0001752775	VCV yy	0.0004156377
		VCV yz	-0.0003113285	VCV zz	0.0003960156
GPSVEC	TP	Point ID 45643		DY	1507.928
		Class Normal		Code R-95-PS	
		Obs L1 Fixed	H.pr 0.040	V.pr	0.068
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.3
		Horz SD		Vert SD	
		Start wk 1554 sec	430953.0	End wk 1554 sec	430958.0

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0094592255
          VCV xx 0.0001529759 VCV xy 0.000180567
          VCV xz -0.000172697 VCV yy 0.000414211
          VCV yz -0.0003050731 VCV zz 0.000386019

GPSVEC TP Point ID 45644 DX -6711.731 DY 1508.472
          Class Normal DZ -1909.109 Code R-95-S
          Obs L1 Fixed H.pr 0.040 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 15.5
          Horz SD Vert SD
          Start wk 1554 sec 430965.0 End wk 1554 sec 430970.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094338125
          VCV xx 0.0001523087 VCV xy 0.000179635
          VCV xz -0.0001715508 VCV yy 0.0004124364
          VCV yz -0.0003027048 VCV zz 0.0003826536

GPSVEC TP Point ID 45645 DX -6710.015 DY 1506.858
          Class Normal DZ -1910.022 Code R-95-S
          Obs L1 Fixed H.pr 0.040 V.pr 0.068

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 15.7
          Horz SD Vert SD
          Start wk 1554 sec 430976.2 End wk 1554 sec 430981.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.009485228
          VCV xx 0.0001541207 VCV xy 0.00018164
          VCV xz -0.0001732292 VCV yy 0.00041738
          VCV yz -0.0003053512 VCV zz 0.0003856573

GPSVEC TP Point ID 45646 DX -6710.165 DY 1505.993
          Class Normal DZ -1911.116 Code R-95-S
          Obs L1 Fixed H.pr 0.040 V.pr 0.068

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 7 VDOP max 2.2
          Monitor status Not monitored RMS 15.8
          Horz SD Vert SD
          Start wk 1554 sec 430987.4 End wk 1554 sec 430993.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094666481
          VCV xx 0.0001536233 VCV xy 0.0001809463
          VCV xz -0.0001722901 VCV yy 0.0004161817
          VCV yz -0.0003034097 VCV zz 0.0003827572

GPSVEC TP Point ID 45647 DX -6712.439 DY 1504.448
          Class Normal DZ -1914.217 Code R-95-S
          Obs L1 Fixed H.pr 0.040 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 5 VDOP max 2.2
          Monitor status Not monitored RMS 15.5
          Horz SD Vert SD
          Start wk 1554 sec 430999.6 End wk 1554 sec 431005.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094333058
          VCV xx 0.0001526987 VCV xy 0.0001797089
          VCV xz -0.0001708448 VCV yy 0.0004137071
          VCV yz -0.0003005057 VCV zz 0.0003787186

GPSVEC TP Point ID 45648 DX -6713.246 DY 1504.116
          Class Normal DZ -1915.076 Code R-95-PS
          Obs L1 Fixed H.pr 0.040 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 15.5
          Horz SD Vert SD
          Start wk 1554 sec 431014.6 End wk 1554 sec 431019.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094190184
          VCV xx 0.0001524053 VCV xy 0.0001792251
          VCV xz -0.000170047 VCV yy 0.0004130137
          VCV yz -0.0002987224 VCV zz 0.0003759647

GPSVEC TP Point ID 45649 DX -6714.716 DY 1504.492
          Class Normal DZ -1915.446 Code R-95-S
          Obs L1 Fixed H.pr 0.040 V.pr 0.067

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 19.0
          Horz SD Vert SD
          Start wk 1554 sec 431028.8 End wk 1554 sec 431033.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.009424367
          VCV xx 0.0001527637 VCV xy 0.0001794942
          VCV xz -0.0001699514 VCV yy 0.0004140636
          VCV yz -0.0002981408 VCV zz 0.0003747247
    
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GPSVEC	TP	Point ID 45650	DX -6717.717	DY 1506.305
		Class Normal	DZ -1915.003	Code R-95-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 7	VDOP max 2.2	
		Monitor status Not monitored	RMS 17.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 431043.0	End wk 1554 sec 431048.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.009392241	
		VCV xx 0.0001518817	VCV xy 0.0001783519	
		VCV xz -0.0001684904	VCV yy 0.0004118847	
		VCV yz -0.0002952327	VCV zz 0.0003704631	
GPSVEC	TP	Point ID 45651	DX -6718.148	DY 1507.054
		Class Normal	DZ -1914.450	Code R-95-S
		Obs L1 Fixed	H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 431056.8	End wk 1554 sec 431061.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0094117615	
		VCV xx 0.0001526441	VCV xy 0.0001791075	
		VCV xz -0.0001689008	VCV yy 0.0004140588	
		VCV yz -0.0002955926	VCV zz 0.000370477	
GPSVEC	TP	Point ID 45652	DX -6718.088	DY 1507.469
		Class Normal	DZ -1913.838	Code R-95-S
		Obs L1 Fixed	H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 18.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 431065.8	End wk 1554 sec 431070.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0094004991	
		VCV xx 0.0001523674	VCV xy 0.000178694	
		VCV xz -0.0001683146	VCV yy 0.0004134085	
		VCV yz -0.0002943426	VCV zz 0.0003686197	
GPSVEC	TP	Point ID 45653	DX -6717.549	DY 1507.688
		Class Normal	DZ -1913.249	Code R-95-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 17.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 431076.8	End wk 1554 sec 431081.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0093730856	
		VCV xx 0.0001515664	VCV xy 0.0001776599	
		VCV xz -0.0001670804	VCV yy 0.000411379	
		VCV yz -0.0002919185	VCV zz 0.000365188	
GPSVEC	TP	Point ID 45654	DX -6724.720	DY 1512.883
		Class Normal	DZ -1911.636	Code TOE
		Obs L1 Fixed	H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 17.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 431092.0	End wk 1554 sec 431097.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0093506379	
		VCV xx 0.000150987	VCV xy 0.0001768737	
		VCV xz -0.0001659568	VCV yy 0.0004100414	
		VCV yz -0.0002896064	VCV zz 0.0003616962	
NOTE	TS	Time Date 10/22/2009 Time 19:45:11		
GPSVEC	TP	Point ID 45655	DX -6725.720	DY 1507.990
		Class Normal	DZ -1917.752	Code TOE-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 7	VDOP max 2.2	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 431121.2	End wk 1554 sec 431127.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0093608126	
		VCV xx 0.0001515714	VCV xy 0.0001773979	
		VCV xz -0.0001656141	VCV yy 0.0004122308	
		VCV yz -0.0002883563	VCV zz 0.0003587945	
GPSVEC	TP	Point ID 45656	DX -6725.899	DY 1507.145
		Class Normal	DZ -1918.818	Code TOE-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.067

GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.3
		Horz SD		Vert SD	
		Start wk 1554 sec	431137.4	End wk 1554 sec	431143.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0093973428
		VCV xx	0.0001528602	VCV xy	0.0001788062
		VCV xz	-0.0001665222	VCV yy	0.0004160741
		VCV yz	-0.0002896013	VCV zz	0.0003596977
GPSVEC	TP	Point ID 45657		DX -6718.897	DY 1504.921
		Class Normal		DZ -1917.497	Code P-83
		Obs L1 Fixed		H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1554 sec	431158.4	End wk 1554 sec	431163.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0093960781
		VCV xx	0.0001529328	VCV xy	0.0001788229
		VCV xz	-0.0001659422	VCV yy	0.0004167718
		VCV yz	-0.0002881729	VCV zz	0.0003570237
GPSVEC	TP	Point ID 45658		DX -6727.054	DY 1507.568
		Class Normal		DZ -1918.357	Code R-96-PS
		Obs L1 Fixed		H.pr 0.039	V.pr 0.067
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	5	VDOP max	2.2
		Monitor status	Not monitored	RMS	18.9
		Horz SD		Vert SD	
		Start wk 1554 sec	431180.6	End wk 1554 sec	431186.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0093964934
		VCV xx	0.0001530598	VCV xy	0.0001788516
		VCV xz	-0.0001653836	VCV yy	0.000417768
		VCV yz	-0.0002868048	VCV zz	0.000354292
GPSVEC	TP	Point ID 45659		DX -6727.032	DY 1507.831
		Class Normal		DZ -1917.973	Code R-96-PS
		Obs L1 Fixed		H.pr 0.039	V.pr 0.066
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.4
		Horz SD		Vert SD	
		Start wk 1554 sec	431192.6	End wk 1554 sec	431197.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0093705924
		VCV xx	0.0001522379	VCV xy	0.0001778224
		VCV xz	-0.0001641791	VCV yy	0.0004157988
		VCV yz	-0.0002845105	VCV zz	0.000351059
GPSVEC	TP	Point ID 45660		DX -6731.471	DY 1508.016
		Class Normal		DZ -1917.825	Code R-96-PS
		Obs L1 Fixed		H.pr 0.039	V.pr 0.066
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.1
		Horz SD		Vert SD	
		Start wk 1554 sec	431205.6	End wk 1554 sec	431210.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0093617029
		VCV xx	0.000152023	VCV xy	0.0001774875
		VCV xz	-0.0001635434	VCV yy	0.0004155275
		VCV yz	-0.0002831377	VCV zz	0.000348863
GPSVEC	TP	Point ID 45661		DX -6716.930	DY 1501.740
		Class Normal		DZ -1920.082	Code P-94-PS
		Obs L1 Fixed		H.pr 0.039	V.pr 0.066
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	18.9
		Horz SD		Vert SD	
		Start wk 1554 sec	431226.6	End wk 1554 sec	431231.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0093502207
		VCV xx	0.0001517074	VCV xy	0.0001770566
		VCV xz	-0.0001625704	VCV yy	0.0004153143
		VCV yz	-0.0002811008	VCV zz	0.0003454036
GPSVEC	TP	Point ID 45662		DX -6715.079	DY 1501.518
		Class Normal		DZ -1919.138	Code P-94-PS
		Obs L1 Fixed		H.pr 0.039	V.pr 0.066
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.1
		Horz SD		Vert SD	
		Start wk 1554 sec	431235.8	End wk 1554 sec	431240.8

GPSQC2	NM	Ttl satellites 7		Err Scale 0.0093633328
		VCV xx 0.0001521859		VCV xy 0.0001775437
		VCV xz -0.0001627981		VCV yy 0.0004168387
		VCV yz -0.0002812918		VCV zz 0.0003453193
GPSVEC	TP	Point ID 45663	DX -6716.079	DY 1500.048
		Class Normal	DZ -1921.558	Code P-94-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.066
GPSQC1	NM	Min SVs 7		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 17.0
		Horz SD		Vert SD
		Start wk 1554 sec 431245.8		End wk 1554 sec 431250.8
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0093433661
		VCV xx 0.0001515536		VCV xy 0.0001767624
		VCV xz -0.0001618349		VCV yy 0.000415413
		VCV yz -0.0002794621		VCV zz 0.0003426769
GPSVEC	TP	Point ID 45664	DX -6705.882	DY 1490.718
		Class Normal	DZ -1926.707	Code P-66
		Obs L1 Fixed	H.pr 0.039	V.pr 0.066
GPSQC1	NM	Min SVs 7		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 15.3
		Horz SD		Vert SD
		Start wk 1554 sec 431269.0		End wk 1554 sec 431274.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0093274685
		VCV xx 0.0001510387		VCV xy 0.0001761481
		VCV xz -0.0001606412		VCV yy 0.0004148579
		VCV yz -0.0002771094		VCV zz 0.0003387063
GPSVEC	TP	Point ID 45665	DX -6663.677	DY 1459.162
		Class Normal	DZ -1940.339	Code R-86-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.066
GPSQC1	NM	Min SVs 7		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.2
		Monitor status Not monitored		RMS 17.0
		Horz SD		Vert SD
		Start wk 1554 sec 431327.6		End wk 1554 sec 431332.6
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0093105985
		VCV xx 0.0001504962		VCV xy 0.0001754863
		VCV xz -0.0001584013		VCV yy 0.0004157124
		VCV yz -0.0002725073		VCV zz 0.0003303184
GPSVEC	TP	Point ID 45666	DX -6662.783	DY 1457.657
		Class Normal	DZ -1941.677	Code R-86-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.065
GPSQC1	NM	Min SVs 7		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 7		VDOP max 2.2
		Monitor status Not monitored		RMS 17.0
		Horz SD		Vert SD
		Start wk 1554 sec 431344.0		End wk 1554 sec 431349.8
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0092588877
		VCV xx 0.0001487626		VCV xy 0.0001734572
		VCV xz -0.0001561492		VCV yy 0.0004116337
		VCV yz -0.0002684641		VCV zz 0.0003246958
GPSVEC	TP	Point ID 45667	DX -6665.428	DY 1458.880
		Class Normal	DZ -1941.602	Code R-86-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.065
GPSQC1	NM	Min SVs 7		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 7		VDOP max 2.1
		Monitor status Not monitored		RMS 16.9
		Horz SD		Vert SD
		Start wk 1554 sec 431356.0		End wk 1554 sec 431361.8
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0092341742
		VCV xx 0.0001479307		VCV xy 0.0001724573
		VCV xz -0.0001549769		VCV yy 0.0004097974
		VCV yz -0.000266307		VCV zz 0.0003216412
GPSVEC	TP	Point ID 45668	DX -6677.950	DY 1465.278
		Class Normal	DZ -1941.020	Code R-87-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.065
GPSQC1	NM	Min SVs 7		PDOP max 2.5
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 7		VDOP max 2.1
		Monitor status Not monitored		RMS 18.6
		Horz SD		Vert SD
		Start wk 1554 sec 431392.0		End wk 1554 sec 431397.8
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0092104431
		VCV xx 0.0001470621		VCV xy 0.0001714635
		VCV xz -0.0001531385		VCV yy 0.0004089714
		VCV yz -0.000262793		VCV zz 0.0003157982

GPSVEC	TP	Point ID 45669	DX -6679.075	DY 1465.091
		Class Normal	DZ -1941.879	Code R-87-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.064
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 7	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 431438.2	End wk 1554 sec 431444.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0091708424	
		VCV xx 0.0001456007	VCV xy 0.0001698306	
		VCV xz -0.000150469	VCV yy 0.0004070934	
		VCV yz -0.0002578349	VCV zz 0.0003077779	
GPSVEC	TP	Point ID 45670	DX -6679.949	DY 1466.344
		Class Normal	DZ -1940.849	Code R-87-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.064
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.3	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 431451.2	End wk 1554 sec 431456.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0091504958	
		VCV xx 0.0001448908	VCV xy 0.0001689731	
		VCV xz -0.00014945	VCV yy 0.0004056233	
		VCV yz -0.0002559572	VCV zz 0.0003051297	
GPSVEC	TP	Point ID 45671	DX -6682.897	DY 1467.801
		Class Normal	DZ -1940.735	Code R-88-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.064
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 18.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 431466.2	End wk 1554 sec 431471.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0091439597	
		VCV xx 0.000144609	VCV xy 0.0001686561	
		VCV xz -0.0001488075	VCV yy 0.0004055561	
		VCV yz -0.0002547402	VCV zz 0.0003030722	
GPSVEC	TP	Point ID 45672	DX -6683.823	DY 1469.073
		Class Normal	DZ -1939.752	Code R-88-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.064
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 18.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 431480.2	End wk 1554 sec 431485.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0091219107	
		VCV xx 0.0001438239	VCV xy 0.0001677546	
		VCV xz -0.0001476763	VCV yy 0.0004040386	
		VCV yz -0.0002527014	VCV zz 0.0003000837	
GPSVEC	TP	Point ID 45673	DX -6685.261	DY 1469.084
		Class Normal	DZ -1940.556	Code R-88-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.064
GPSQC1	NM	Min SVs 7	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 16.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 431491.4	End wk 1554 sec 431496.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0090802619	
		VCV xx 0.0001424188	VCV xy 0.0001661366	
		VCV xz -0.0001459829	VCV yy 0.0004006904	
		VCV yz -0.0002497459	VCV zz 0.0002961068	
GPSVEC	TP	Point ID 45674	DX -6696.779	DY 1475.089
		Class Normal	DZ -1940.084	Code R-89-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.063
GPSQC1	NM	Min SVs 7	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 14.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 431699.0	End wk 1554 sec 431704.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0091291759	
		VCV xx 0.0001419794	VCV xy 0.0001668123	
		VCV xz -0.00014103	VCV yy 0.0004126082	
		VCV yz -0.000240957	VCV zz 0.0002761479	
GPSVEC	TP	Point ID 45675	DX -6699.352	DY 1475.469
		Class Normal	DZ -1941.111	Code R-89-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.063

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GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1554 sec 431710.0 End wk 1554 sec 431715.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090879323
VCV xx 0.0001405732 VCV xy 0.0001651933
VCV xz -0.0001394338 VCV yy 0.0004092241
VCV yz -0.0002382181 VCV zz 0.0002726293

GPSVEC TP Point ID 45676 DX -6700.939 DY 1476.948
Class Normal DZ -1940.210 Code R-89-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 2.1
Monitor status Not monitored RMS 14.8
Horz SD Vert SD
Start wk 1554 sec 431719.2 End wk 1554 sec 431725.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090648429
VCV xx 0.0001397324 VCV xy 0.000164236
VCV xz -0.0001384205 VCV yy 0.0004074131
VCV yz -0.0002364762 VCV zz 0.0002702944

GPSVEC TP Point ID 45677 DX -6703.195 DY 1478.038
Class Normal DZ -1940.215 Code R-90-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 18.6
Horz SD Vert SD
Start wk 1554 sec 431734.2 End wk 1554 sec 431739.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090434263
VCV xx 0.0001388974 VCV xy 0.0001633289
VCV xz -0.0001373354 VCV yy 0.0004059205
VCV yz -0.0002346281 VCV zz 0.0002676357

GPSVEC TP Point ID 45678 DX -6703.966 DY 1479.162
Class Normal DZ -1939.360 Code R-90-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.0
Horz SD Vert SD
Start wk 1554 sec 431743.2 End wk 1554 sec 431748.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090149865
VCV xx 0.0001378959 VCV xy 0.0001621822
VCV xz -0.0001361876 VCV yy 0.0004035706
VCV yz -0.0002326607 VCV zz 0.0002650875

GPSVEC TP Point ID 45679 DX -6705.397 DY 1479.050
Class Normal DZ -1940.294 Code R-90-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.0
Horz SD Vert SD
Start wk 1554 sec 431753.2 End wk 1554 sec 431758.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090398714
VCV xx 0.0001385422 VCV xy 0.0001629705
VCV xz -0.0001366285 VCV yy 0.000406108
VCV yz -0.0002333804 VCV zz 0.0002655642

GPSVEC TP Point ID 45680 DX -6711.539 DY 1481.803
Class Normal DZ -1940.550 Code DS-20\R-91-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 2.1
Monitor status Not monitored RMS 15.1
Horz SD Vert SD
Start wk 1554 sec 431775.4 End wk 1554 sec 431781.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090274541
VCV xx 0.0001378696 VCV xy 0.0001624065
VCV xz -0.0001355482 VCV yy 0.0004058826
VCV yz -0.0002316451 VCV zz 0.0002624967

GPSVEC TP Point ID 45681 DX -6716.549 DY 1484.078
Class Normal DZ -1940.688 Code DS-20\R-91-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 431788.2 End wk 1554 sec 431793.4

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GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090057924
		VCV xx 0.0001370128		VCV xy	0.0001614911
		VCV xz -0.0001344911		VCV yy	0.0004042917
		VCV yz -0.0002298881		VCV zz	0.0002599858
GPSVEC	TP	Point ID 45682	DX -6718.657	DY	1485.061
		Class Normal	DZ -1940.721	Code	R-92-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.1
		Monitor status Not monitored		RMS	18.3
		Horz SD		Vert SD	
		Start wk 1554 sec 431814.4		End wk 1554 sec 431819.4	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090371883
		VCV xx 0.0001376232		VCV xy	0.0001624538
		VCV xz -0.0001346032		VCV yy	0.0004081243
		VCV yz -0.0002301745		VCV zz	0.0002591125
GPSVEC	TP	Point ID 45683	DX -6719.941	DY	1484.848
		Class Normal	DZ -1941.616	Code	R-92-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.1
		Monitor status Not monitored		RMS	14.8
		Horz SD		Vert SD	
		Start wk 1554 sec 431824.4		End wk 1554 sec 431829.4	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090521611
		VCV xx 0.0001379378		VCV xy	0.0001628996
		VCV xz -0.0001347362		VCV yy	0.000409818
		VCV yz -0.0002304339		VCV zz	0.0002589982
GPSVEC	TP	Point ID 45684	DX -6720.821	DY	1486.019
		Class Normal	DZ -1940.756	Code	R-92-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.1
		Monitor status Not monitored		RMS	16.6
		Horz SD		Vert SD	
		Start wk 1554 sec 431834.4		End wk 1554 sec 431839.4	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090434551
		VCV xx 0.0001375297		VCV xy	0.0001624956
		VCV xz -0.0001341641		VCV yy	0.0004093747
		VCV yz -0.0002294912		VCV zz	0.0002575291
GPSVEC	TP	Point ID 45685	DX -6721.820	DY	1486.437
		Class Normal	DZ -1940.743	Code	R-93-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.1
		Monitor status Not monitored		RMS	14.8
		Horz SD		Vert SD	
		Start wk 1554 sec 431847.6		End wk 1554 sec 431852.6	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090337992
		VCV xx 0.0001370617		VCV xy	0.0001620628
		VCV xz -0.0001334811		VCV yy	0.000409019
		VCV yz -0.0002283859		VCV zz	0.0002557199
GPSVEC	TP	Point ID 45686	DX -6721.307	DY	1486.957
		Class Normal	DZ -1939.853	Code	R-93-S
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.1
		Monitor status Not monitored		RMS	14.8
		Horz SD		Vert SD	
		Start wk 1554 sec 431861.6		End wk 1554 sec 431866.6	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090318052
		VCV xx 0.0001367882		VCV xy	0.0001618821
		VCV xz -0.000132987		VCV yy	0.0004093391
		VCV yz -0.0002276369		VCV zz	0.0002542592
GPSVEC	TP	Point ID 45687	DX -6722.875	DY	1489.636
		Class Normal	DZ -1937.521	Code	R-93-S
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.1
		Monitor status Not monitored		RMS	14.8
		Horz SD		Vert SD	
		Start wk 1554 sec 431874.6		End wk 1554 sec 431879.6	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090579251
		VCV xx 0.0001373796		VCV xy	0.0001626891
		VCV xz -0.0001333312		VCV yy	0.000412155
		VCV yz -0.0002282711		VCV zz	0.0002544305

GPSVEC	TP	Point ID 45688	DX	-6723.313	DY	1489.978
		Class Normal	DZ	-1937.343	Code	R-93-PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 6		VDOP max	2.1	
		Monitor status Not monitored		RMS	18.3	
		Horz SD		Vert SD		
		Start wk 1554 sec 431886.8		End wk 1554 sec 431891.8		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090529798	
		VCV xx 0.000137048		VCV xy	0.000162415	
		VCV xz -0.0001328064		VCV yy	0.0004121581	
		VCV yz -0.0002274433		VCV zz	0.0002529833	
GPSVEC	TP	Point ID 45689	DX	-6724.080	DY	1490.383
		Class Normal	DZ	-1937.384	Code	R-93-S
		Obs L1 Fixed	H.pr	0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 6		VDOP max	2.1	
		Monitor status Not monitored		RMS	16.6	
		Horz SD		Vert SD		
		Start wk 1554 sec 431900.8		End wk 1554 sec 431905.8		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090536261	
		VCV xx 0.0001368524		VCV xy	0.0001623334	
		VCV xz -0.0001323812		VCV yy	0.0004127646	
		VCV yz -0.0002268095		VCV zz	0.0002516475	
GPSVEC	TP	Point ID 45690	DX	-6724.619	DY	1490.123
		Class Normal	DZ	-1937.987	Code	R-93-PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 7		VDOP max	2.1	
		Monitor status Not monitored		RMS	18.3	
		Horz SD		Vert SD		
		Start wk 1554 sec 431915.0		End wk 1554 sec 431920.8		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090502054	
		VCV xx 0.0001365203		VCV xy	0.0001620963	
		VCV xz -0.0001318287		VCV yy	0.0004130265	
		VCV yz -0.0002259815		VCV zz	0.0002500836	
GPSVEC	TP	Point ID 45691	DX	-6726.491	DY	1488.048
		Class Normal	DZ	-1941.311	Code	R-93-S
		Obs L1 Fixed	H.pr	0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 6		VDOP max	2.1	
		Monitor status Not monitored		RMS	14.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 431928.8		End wk 1554 sec 431933.8		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.009058713	
		VCV xx 0.0001365651		VCV xy	0.0001622575	
		VCV xz -0.0001316564		VCV yy	0.0004142369	
		VCV yz -0.0002257437		VCV zz	0.0002493118	
GPSVEC	TP	Point ID 45692	DX	-6726.470	DY	1487.591
		Class Normal	DZ	-1941.814	Code	R-93-S
		Obs L1 Fixed	H.pr	0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 6		VDOP max	2.1	
		Monitor status Not monitored		RMS	14.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 431940.0		End wk 1554 sec 431945.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090479124	
		VCV xx 0.0001360775		VCV xy	0.0001617801	
		VCV xz -0.000131013		VCV yy	0.0004136818	
		VCV yz -0.0002247081		VCV zz	0.0002477266	
GPSVEC	TP	Point ID 45693	DX	-6725.880	DY	1487.144
		Class Normal	DZ	-1942.079	Code	R-93-PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.062
GPSQC1	NM	Min SVs 7		PDOP max	2.4	
		Relative DOPs Yes		HDOP max	1.2	
		Total GPS pos 6		VDOP max	2.1	
		Monitor status Not monitored		RMS	14.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 431952.0		End wk 1554 sec 431957.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0090484209	
		VCV xx 0.0001359009		VCV xy	0.0001616924	
		VCV xz -0.0001306533		VCV yy	0.0004141789	
		VCV yz -0.0002241747		VCV zz	0.0002466375	
GPSVEC	TP	Point ID 45694	DX	-6724.621	DY	1486.623
		Class Normal	DZ	-1942.093	Code	R-93-S
		Obs L1 Fixed	H.pr	0.036	V.pr	0.062

GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	18.3
		Horz SD		Vert SD	
		Start wk 1554 sec	431964.0	End wk 1554 sec	431969.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0090456074
		VCV xx	0.0001356227	VCV xy	0.0001614875
		VCV xz	-0.0001301979	VCV yy	0.0004143783
		VCV yz	-0.0002234814	VCV zz	0.0002453707
GPSVEC	TP	Point ID 45695	DX -6722.329	DY	1486.138
		Class Normal	DZ -1941.419	Code	R-93-S
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	16.5
		Horz SD		Vert SD	
		Start wk 1554 sec	431975.0	End wk 1554 sec	431980.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0090437857
		VCV xx	0.0001353773	VCV xy	0.0001613081
		VCV xz	-0.0001297926	VCV yy	0.0004145886
		VCV yz	-0.000222866	VCV zz	0.0002442437
GPSVEC	TP	Point ID 45696	DX -6720.805	DY	1480.964
		Class Normal	DZ -1946.868	Code	R-?-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.2
		Horz SD		Vert SD	
		Start wk 1554 sec	432008.2	End wk 1554 sec	432013.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0090822475
		VCV xx	0.0001359847	VCV xy	0.0001625197
		VCV xz	-0.000129845	VCV yy	0.0004196791
		VCV yz	-0.0002233247	VCV zz	0.0002430925
GPSVEC	TP	Point ID 45697	DX -6721.360	DY	1478.262
		Class Normal	DZ -1950.461	Code	R-?-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	18.6
		Horz SD		Vert SD	
		Start wk 1554 sec	432020.2	End wk 1554 sec	432025.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0090923542
		VCV xx	0.0001360897	VCV xy	0.0001627603
		VCV xz	-0.0001297515	VCV yy	0.0004210999
		VCV yz	-0.0002232364	VCV zz	0.000242526
GPSVEC	TP	Point ID 45698	DX -6702.302	DY	1461.689
		Class Normal	DZ -1959.880	Code	R-122-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	17.0
		Horz SD		Vert SD	
		Start wk 1554 sec	432049.2	End wk 1554 sec	432054.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091509363
		VCV xx	0.0001373178	VCV xy	0.0001646692
		VCV xz	-0.000130471	VCV yy	0.0004278792
		VCV yz	-0.00022483	VCV zz	0.0002428203
GPSVEC	TP	Point ID 45699	DX -6702.589	DY	1460.350
		Class Normal	DZ -1961.652	Code	R-122-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	18.4
		Horz SD		Vert SD	
		Start wk 1554 sec	432061.4	End wk 1554 sec	432066.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091382982
		VCV xx	0.000136709	VCV xy	0.0001641173
		VCV xz	-0.0001297131	VCV yy	0.0004272767
		VCV yz	-0.0002236919	VCV zz	0.0002410052
GPSVEC	TP	Point ID 45700	DX -6701.533	DY	1460.628
		Class Normal	DZ -1960.723	Code	R-122-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	16.7
		Horz SD		Vert SD	
		Start wk 1554 sec	432071.4	End wk 1554 sec	432076.4

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0091316989
VCV xx 0.0001363321 VCV xy 0.0001637828
VCV xz -0.0001292104 VCV yy 0.0004270754
VCV yz -0.0002229249 VCV zz 0.0002397657

GPSVEC TP Point ID 45701 DX -6694.192 DY 1457.897
Class Normal DZ -1959.824 Code DS-11\R-69-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 2.1
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 432110.8 End wk 1554 sec 432116.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091582816
VCV xx 0.0001363772 VCV xy 0.0001644735
VCV xz -0.000128673 VCV yy 0.0004314867
VCV yz -0.0002225595 VCV zz 0.0002374226

GPSVEC TP Point ID 45702 DX -6689.325 DY 1456.124
Class Normal DZ -1959.230 Code DS-11\R-69-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 432122.8 End wk 1554 sec 432127.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091585629
VCV xx 0.0001361765 VCV xy 0.0001643468
VCV xz -0.0001283241 VCV yy 0.0004319439
VCV yz -0.0002220486 VCV zz 0.0002364661

GPSVEC TP Point ID 45703 DX -6689.937 DY 1463.362
Class Normal DZ -1950.578 Code P-51
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 18.5
Horz SD Vert SD
Start wk 1554 sec 432140.0 End wk 1554 sec 432145.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091606872
VCV xx 0.0001359325 VCV xy 0.0001642837
VCV xz -0.0001278588 VCV yy 0.00043294
VCV yz -0.0002214507 VCV zz 0.000235103

GPSVEC TP Point ID 45704 DX -6681.428 DY 1453.872
Class Normal DZ -1957.410 Code R-68-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 432163.2 End wk 1554 sec 432168.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.009179363
VCV xx 0.0001360398 VCV xy 0.0001647603
VCV xz -0.0001276405 VCV yy 0.0004357733
VCV yz -0.0002213846 VCV zz 0.0002339963

GPSVEC TP Point ID 45705 DX -6682.514 DY 1453.616
Class Normal DZ -1958.385 Code R-68-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 432173.2 End wk 1554 sec 432178.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091852918
VCV xx 0.0001360353 VCV xy 0.000164853
VCV xz -0.0001274927 VCV yy 0.0004367649
VCV yz -0.0002212042 VCV zz 0.0002334587

GPSVEC TP Point ID 45706 DX -6681.648 DY 1452.654
Class Normal DZ -1959.064 Code R-68-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 2.1
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 432184.4 End wk 1554 sec 432190.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091634663
VCV xx 0.0001351558 VCV xy 0.0001639712
VCV xz -0.000126519 VCV yy 0.0004352382
VCV yz -0.0002196995 VCV zz 0.000231341
    
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GPSVEC	TP	Point ID 45707	DX -6705.317	DY 1446.966
		Class Normal	DZ -1981.199	Code R-123-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.062
GPSQC1	NM	Min SVs 7	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 432234.4	End wk 1554 sec 432239.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0092176218	
		VCV xx 0.0001357648	VCV xy 0.0001655875	
		VCV xz -0.0001264212	VCV yy 0.0004430211	
		VCV yz -0.0002203527	VCV zz 0.0002296335	
GPSVEC	TP	Point ID 45708	DX -6706.449	DY 1446.783
		Class Normal	DZ -1982.178	Code R-123-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.062
GPSQC1	NM	Min SVs 7	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 18.6	
		Horz SD	Vert SD	
		Start wk 1554 sec 432244.4	End wk 1554 sec 432249.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0092131775	
		VCV xx 0.000135445	VCV xy 0.0001653092	
		VCV xz -0.0001259909	VCV yy 0.0004430498	
		VCV yz -0.0002197017	VCV zz 0.000228605	
GPSVEC	TP	Point ID 45709	DX -6705.495	DY 1445.900
		Class Normal	DZ -1982.837	Code R-123-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.062
GPSQC1	NM	Min SVs 7	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 432253.4	End wk 1554 sec 432258.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0092151044	
		VCV xx 0.0001353334	VCV xy 0.000165294	
		VCV xz -0.0001257839	VCV yy 0.0004436574	
		VCV yz -0.0002194717	VCV zz 0.0002280198	
GPSVEC	TP	Point ID 45710	DX -6707.503	DY 1437.516
		Class Normal	DZ -1996.108	Code TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.063
GPSQC1	NM	Min SVs 7	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 17.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 432290.6	End wk 1554 sec 432295.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.009284189	
		VCV xx 0.0001366074	VCV xy 0.0001675103	
		VCV xz -0.0001264776	VCV yy 0.0004523681	
		VCV yz -0.0002213014	VCV zz 0.0002281928	
GPSVEC	TP	Point ID 45711	DX -6727.873	DY 1445.412
		Class Normal	DZ -1998.449	Code TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.063
GPSQC1	NM	Min SVs 7	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 7	VDOP max 2.1	
		Monitor status Not monitored	RMS 19.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 432371.0	End wk 1554 sec 432376.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0093880333	
		VCV xx 0.0001379529	VCV xy 0.000170684	
		VCV xz -0.0001267131	VCV yy 0.0004673068	
		VCV yz -0.0002232494	VCV zz 0.0002264106	
GPSVEC	TP	Point ID 45712	DX -6725.347	DY 1454.020
		Class Normal	DZ -1984.480	Code R-124-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.063
GPSQC1	NM	Min SVs 7	PDOP max 2.4	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 18.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 432394.0	End wk 1554 sec 432399.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0093933567	
		VCV xx 0.0001376518	VCV xy 0.0001706534	
		VCV xz -0.0001261736	VCV yy 0.0004690525	
		VCV yz -0.0002226478	VCV zz 0.0002249376	
GPSVEC	TP	Point ID 45713	DX -6726.076	DY 1454.956
		Class Normal	DZ -1983.700	Code R-124-PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.063

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GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.4
Horz SD Vert SD
Start wk 1554 sec 432405.0 End wk 1554 sec 432410.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0093754428
VCV xx 0.0001368971 VCV xy 0.0001698656
VCV xz -0.0001253588 VCV yy 0.0004678026
VCV yz -0.0002213702 VCV zz 0.0002232631

GPSVEEC TP Point ID 45714 DX -6726.357 DY 1453.649
Class Normal DZ -1985.644 Code R-124-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1554 sec 432422.2 End wk 1554 sec 432427.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0093720732
VCV xx 0.0001364518 VCV xy 0.0001695954
VCV xz -0.000124756 VCV yy 0.0004684527
VCV yz -0.0002205993 VCV zz 0.000221803

GPSVEEC TP Point ID 45715 DX -6748.994 DY 1452.927
Class Normal DZ -2001.142 Code TOP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1554 sec 432461.4 End wk 1554 sec 432466.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094093615
VCV xx 0.0001366743 VCV xy 0.0001706556
VCV xz -0.0001245031 VCV yy 0.0004746724
VCV yz -0.0002209738 VCV zz 0.0002203886

GPSVEEC TP Point ID 45716 DX -6770.032 DY 1460.537
Class Normal DZ -2003.957 Code TOP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 19.1
Horz SD Vert SD
Start wk 1554 sec 432491.4 End wk 1554 sec 432496.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094429804
VCV xx 0.000136997 VCV xy 0.0001716271
VCV xz -0.0001244592 VCV yy 0.0004799428
VCV yz -0.0002214967 VCV zz 0.0002196281

GPSVEEC TP Point ID 45717 DX -6796.867 DY 1470.878
Class Normal DZ -2007.317 Code TOP\TOE
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1554 sec 432553.6 End wk 1554 sec 432558.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095836418
VCV xx 0.0001397034 VCV xy 0.0001762934
VCV xz -0.0001262121 VCV yy 0.0004986302
VCV yz -0.0002259734 VCV zz 0.0002213037

GPSVEEC TP Point ID 45718 DX -6790.806 DY 1468.692
Class Normal DZ -2006.096 Code TOP
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1554 sec 432580.8 End wk 1554 sec 432585.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0096001225
VCV xx 0.0001395807 VCV xy 0.0001766667
VCV xz -0.0001258095 VCV yy 0.0005022206
VCV yz -0.0002258392 VCV zz 0.0002200454

GPSVEEC TP Point ID 45719 DX -6790.877 DY 1469.578
Class Normal DZ -2004.919 Code TOE
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 19.3
Horz SD Vert SD
Start wk 1554 sec 432606.0 End wk 1554 sec 432611.0
    
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GPSQC2 NM Ttl satellites 7 Err Scale 0.0096084885
VCV xx 0.0001392574 VCV xy 0.0001767484
VCV xz -0.0001252528 VCV yy 0.0005048284
VCV yz -0.000225389 VCV zz 0.0002185773

GPSVEC TP Point ID 45720 DX -6791.216 DY 1470.083
Class Normal DZ -2003.915 Code R-117-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 17.9
Horz SD Vert SD
Start wk 1554 sec 432624.2 End wk 1554 sec 432629.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095948894
VCV xx 0.0001384707 VCV xy 0.0001760717
VCV xz -0.0001243617 VCV yy 0.0005046145
VCV yz -0.0002241536 VCV zz 0.0002167015

GPSVEC TP Point ID 45721 DX -6790.778 DY 1468.414
Class Normal DZ -2006.577 Code R-117-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 2.0
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1554 sec 432636.4 End wk 1554 sec 432642.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095540406
VCV xx 0.0001369964 VCV xy 0.0001744344
VCV xz -0.0001229061 VCV yy 0.0005012277
VCV yz -0.0002218182 VCV zz 0.000213942

GPSVEC TP Point ID 45722 DX -6789.349 DY 1468.906
Class Normal DZ -2004.821 Code R-117-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.0
Horz SD Vert SD
Start wk 1554 sec 432647.4 End wk 1554 sec 432652.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095558967
VCV xx 0.0001368431 VCV xy 0.0001743885
VCV xz -0.0001226652 VCV yy 0.0005020788
VCV yz -0.0002215448 VCV zz 0.0002133615

GPSVEC TP Point ID 45723 DX -6779.740 DY 1466.235
Class Normal DZ -2002.495 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 7 VDOP max 2.0
Monitor status Not monitored RMS 17.5
Horz SD Vert SD
Start wk 1554 sec 432675.8 End wk 1554 sec 432681.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095762899
VCV xx 0.0001367809 VCV xy 0.0001743196
VCV xz -0.0001223152 VCV yy 0.000506389
VCV yz -0.0002215978 VCV zz 0.0002122039

GPSVEC TP Point ID 45724 DX -6778.862 DY 1466.103
Class Normal DZ -2002.170 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1554 sec 432686.6 End wk 1554 sec 432691.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095930826
VCV xx 0.0001370528 VCV xy 0.0001754126
VCV xz -0.000122456 VCV yy 0.0005088307
VCV yz -0.0002220085 VCV zz 0.0002122962

GPSVEC TP Point ID 45725 DX -6777.962 DY 1466.136
Class Normal DZ -2001.611 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1554 sec 432695.8 End wk 1554 sec 432700.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0095765833
VCV xx 0.0001363927 VCV xy 0.0001747249
VCV xz -0.0001217851 VCV yy 0.0005077003
VCV yz -0.0002209898 VCV zz 0.0002110018
    
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GPSVEC TP Point ID 45726      DX -6779.954      DY 1467.177
        Class Normal      DZ -2001.509      Code TOE
        Obs L1 Fixed      H.pr 0.038      V.pr 0.061

GPSQC1 NM Min SVs      8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 17.4
        Horz SD      Vert SD
        Start wk 1554 sec 432718.8      End wk 1554 sec 432723.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0104539441
        VCV xx 0.0001227346      VCV xy 0.0001580562
        VCV xz -0.0001018106      VCV yy 0.0004893314
        VCV yz -0.0001962184      VCV zz 0.0001814012

GPSVEC TP Point ID 45727      DX -6770.818      DY 1466.179
        Class Normal      DZ -1997.156      Code R-118-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.061

GPSQC1 NM Min SVs      8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 7      VDOP max 1.8
        Monitor status Not monitored      RMS 19.1
        Horz SD      Vert SD
        Start wk 1554 sec 432737.0      End wk 1554 sec 432742.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0104105053
        VCV xx 0.0001218983      VCV xy 0.0001574187
        VCV xz -0.0001009598      VCV yy 0.0004891601
        VCV yz -0.0001951365      VCV zz 0.0001796394

GPSVEC TP Point ID 45728      DX -6770.709      DY 1467.124
        Class Normal      DZ -1995.842      Code R-118-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.061

GPSQC1 NM Min SVs      8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 20.8
        Horz SD      Vert SD
        Start wk 1554 sec 432760.0      End wk 1554 sec 432765.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0104024196
        VCV xx 0.0001218651      VCV xy 0.0001578959
        VCV xz -0.0001007229      VCV yy 0.000492868
        VCV yz -0.0001953423      VCV zz 0.0001789409

GPSVEC TP Point ID 45729      DX -6768.951      DY 1465.345
        Class Normal      DZ -1997.069      Code R-118-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.061

GPSQC1 NM Min SVs      8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 19.0
        Horz SD      Vert SD
        Start wk 1554 sec 432770.0      End wk 1554 sec 432775.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0103804003
        VCV xx 0.0001214305      VCV xy 0.0001575315
        VCV xz -0.0001002731      VCV yy 0.0004927491
        VCV yz -0.0001947447      VCV zz 0.0001780465

GPSVEC TP Point ID 45730      DX -6767.583      DY 1465.972
        Class Normal      DZ -1995.287      Code R-118-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.061

GPSQC1 NM Min SVs      8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 17.2
        Horz SD      Vert SD
        Start wk 1554 sec 432791.0      End wk 1554 sec 432796.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0103783393
        VCV xx 0.0001214797      VCV xy 0.0001581154
        VCV xz -0.0001001082      VCV yy 0.0004967545
        VCV yz -0.000195113      VCV zz 0.0001775039

GPSVEC TP Point ID 45731      DX -6770.797      DY 1467.353
        Class Normal      DZ -1995.647      Code TOE-PS
        Obs L1 Fixed      H.pr 0.038      V.pr 0.061

GPSQC1 NM Min SVs      8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 19.0
        Horz SD      Vert SD
        Start wk 1554 sec 432810.0      End wk 1554 sec 432815.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.010358532
        VCV xx 0.0001211543      VCV xy 0.0001581532
        VCV xz -0.0000996525      VCV yy 0.0004988857
        VCV yz -0.0001948517      VCV zz 0.0001764891

GPSVEC TP Point ID 45732      DX -6760.833      DY 1469.799
        Class Normal      DZ -1986.029      Code TOE
        Obs L1 Fixed      H.pr 0.038      V.pr 0.061
    
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GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos  6        VDOP max  1.8
          Monitor status Not monitored RMS       17.6
          Horz SD                               Vert SD
          Start wk 1554 sec 432831.2          End wk 1554 sec 432836.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.010371482
          VCV xx    0.000121536      VCV xy    0.0001591736
          VCV xz   -0.0000997552    VCV yy    0.0005043833
          VCV yz   -0.0001957709    VCV zz    0.00017645

GPSVEC TP Point ID 45733          DX  -6757.628      DY  1470.649
          Class Normal              DZ  -1982.883      Code TOE-PS
          Obs L1 Fixed              H.pr 0.038        V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos  6        VDOP max  1.8
          Monitor status Not monitored RMS       19.3
          Horz SD                               Vert SD
          Start wk 1554 sec 432856.4          End wk 1554 sec 432861.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0103692124
          VCV xx    0.0001215968      VCV xy    0.0001599181
          VCV xz   -0.00009954       VCV yy    0.0005096324
          VCV yz   -0.000196273      VCV zz    0.0001758052

GPSVEC TP Point ID 45734          DX  -6751.471      DY  1464.797
          Class Normal              DZ  -1986.570      Code R-119-PS
          Obs L1 Fixed              H.pr 0.038        V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos  6        VDOP max  1.8
          Monitor status Not monitored RMS       19.0
          Horz SD                               Vert SD
          Start wk 1554 sec 432876.6          End wk 1554 sec 432881.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0103616323
          VCV xx    0.0001214977      VCV xy    0.000160297
          VCV xz   -0.0000992544     VCV yy    0.0005131095
          VCV yz   -0.0001964295     VCV zz    0.0001751127

GPSVEC TP Point ID 45735          DX  -6751.494      DY  1463.990
          Class Normal              DZ  -1987.635      Code R-119-PS
          Obs L1 Fixed              H.pr 0.038        V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos  7        VDOP max  1.8
          Monitor status Not monitored RMS       20.7
          Horz SD                               Vert SD
          Start wk 1554 sec 432887.8          End wk 1554 sec 432893.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0103109702
          VCV xx    0.0001203719      VCV xy    0.0001590843
          VCV xz   -0.0000982261     VCV yy    0.0005105425
          VCV yz   -0.0001947986     VCV zz    0.0001732073

GPSVEC TP Point ID 45736          DX  -6747.025      DY  1462.985
          Class Normal              DZ  -1986.146      Code R-119-PS
          Obs L1 Fixed              H.pr 0.037        V.pr 0.061

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos  6        VDOP max  1.8
          Monitor status Not monitored RMS       18.9
          Horz SD                               Vert SD
          Start wk 1554 sec 432900.6          End wk 1554 sec 432905.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102787102
          VCV xx    0.0001196792      VCV xy    0.0001584285
          VCV xz   -0.0000975465     VCV yy    0.0005097812
          VCV yz   -0.0001938375     VCV zz    0.0001719265

GPSVEC TP Point ID 45737          DX  -6746.561      DY  1464.760
          Class Normal              DZ  -1983.429      Code R-119-PS
          Obs L1 Fixed              H.pr 0.037        V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos  6        VDOP max  1.8
          Monitor status Not monitored RMS       20.6
          Horz SD                               Vert SD
          Start wk 1554 sec 432912.6          End wk 1554 sec 432917.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102785714
          VCV xx    0.0001197249      VCV xy    0.0001587613
          VCV xz   -0.0000974585     VCV yy    0.0005122458
          VCV yz   -0.0001940592     VCV zz    0.000171686

NOTE TS Time Date 10/22/2009 Time 20:15:54

GPSVEC TP Point ID 45738          DX  -6744.603      DY  1474.294
          Class Normal              DZ  -1969.707      Code R-120-PS
          Obs L1 Fixed              H.pr 0.038        V.pr 0.062
    
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GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       18.9
          Horz SD
          Start wk 1554 sec 432965.0 End wk 1554 sec 432970.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102975816
          VCV xx  0.0001202634    VCV xy  0.0001608986
          VCV xz  -0.0000973648    VCV yy  0.0005252851
          VCV yz  -0.0001959001    VCV zz  0.0001710763

GPSVEC TP Point ID 45739      DX  -6745.506      DY  1475.344
          Class Normal      DZ  -1968.878      Code R-120-PS
          Obs L1 Fixed      H.pr 0.038      V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       18.8
          Horz SD
          Start wk 1554 sec 432975.2 End wk 1554 sec 432980.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102929613
          VCV xx  0.0001201983    VCV xy  0.0001610086
          VCV xz  -0.0000972109    VCV yy  0.0005268533
          VCV yz  -0.0001958963    VCV zz  0.0001707639

GPSVEC TP Point ID 45740      DX  -6744.304      DY  1475.472
          Class Normal      DZ  -1968.034      Code R-120-PS
          Obs L1 Fixed      H.pr 0.037      V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       19.1
          Horz SD
          Start wk 1554 sec 432985.2 End wk 1554 sec 432990.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102458382
          VCV xx  0.0001191367    VCV xy  0.000159809
          VCV xz  -0.0000962689    VCV yy  0.0005240588
          VCV yz  -0.0001943443    VCV zz  0.0001690557

GPSVEC TP Point ID 45741      DX  -6743.709      DY  1477.850
          Class Normal      DZ  -1964.575      Code PS
          Obs L1 Fixed      H.pr 0.037      V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       17.3
          Horz SD
          Start wk 1554 sec 432999.2 End wk 1554 sec 433004.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102269547
          VCV xx  0.0001187396    VCV xy  0.0001595947
          VCV xz  -0.000095817     VCV yy  0.0005249936
          VCV yz  -0.000193915     VCV zz  0.0001681871

GPSVEC TP Point ID 45742      DX  -6743.120      DY  1478.805
          Class Normal      DZ  -1962.928      Code PS
          Obs L1 Fixed      H.pr 0.037      V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.9
          Monitor status Not monitored RMS       19.0
          Horz SD
          Start wk 1554 sec 433010.2 End wk 1554 sec 433015.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0101968655
          VCV xx  0.0001181069    VCV xy  0.0001589788
          VCV xz  -0.0000952065    VCV yy  0.0005242446
          VCV yz  -0.0001930421    VCV zz  0.0001670658

GPSVEC TP Point ID 45743      DX  -6741.831      DY  1479.622
          Class Normal      DZ  -1961.023      Code PS
          Obs L1 Fixed      H.pr 0.037      V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.9
          Monitor status Not monitored RMS       20.7
          Horz SD
          Start wk 1554 sec 433019.2 End wk 1554 sec 433024.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0102068651
          VCV xx  0.0001183431    VCV xy  0.0001594756
          VCV xz  -0.0000953048    VCV yy  0.000526971
          VCV yz  -0.0001935192    VCV zz  0.0001672064

GPSVEC TP Point ID 45744      DX  -6737.918      DY  1481.428
          Class Normal      DZ  -1956.256      Code R-121-PS
          Obs L1 Fixed      H.pr 0.037      V.pr 0.062

GPSQC1 NM Min SVs      8          PDOP max  2.2
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.9
          Monitor status Not monitored RMS       16.9
          Horz SD
          Start wk 1554 sec 433041.4 End wk 1554 sec 433046.4
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0101653952
          VCV xx 0.0001174325 VCV xy 0.0001588547
          VCV xz -0.0000943665 VCV yy 0.0005275913
          VCV yz -0.0001925148 VCV zz 0.0001654148

GPSVEC TP Point ID 45745 DX -6736.555 DY 1482.045
          Class Normal DZ -1954.762 Code R-121-PS
          Obs L1 Fixed H.pr 0.037 V.pr 0.062

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.9
          Monitor status Not monitored RMS 18.6
          Horz SD Vert SD
          Start wk 1554 sec 433053.4 End wk 1554 sec 433058.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0101570534
          VCV xx 0.0001172674 VCV xy 0.0001588968
          VCV xz -0.0000941257 VCV yy 0.0005291473
          VCV yz -0.0001924351 VCV zz 0.0001649437

GPSVEC TP Point ID 45746 DX -6738.076 DY 1482.327
          Class Normal DZ -1955.295 Code R-121-PS
          Obs L1 Fixed H.pr 0.037 V.pr 0.062

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 5 VDOP max 1.9
          Monitor status Not monitored RMS 20.4
          Horz SD Vert SD
          Start wk 1554 sec 433067.6 End wk 1554 sec 433072.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0101608243
          VCV xx 0.0001173687 VCV xy 0.0001593706
          VCV xz -0.0000940692 VCV yy 0.0005324365
          VCV yz -0.0001928258 VCV zz 0.0001647808

GPSVEC TP Point ID 45747 DX -6733.059 DY 1471.728
          Class Normal DZ -1965.879 Code P-65
          Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.9
          Monitor status Not monitored RMS 18.6
          Horz SD Vert SD
          Start wk 1554 sec 433087.6 End wk 1554 sec 433092.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0101851439
          VCV xx 0.0001179286 VCV xy 0.0001606572
          VCV xz -0.0000943261 VCV yy 0.0005391992
          VCV yz -0.0001941397 VCV zz 0.0001651273

GPSVEC TP Point ID 45748 DX -6750.167 DY 1478.290
          Class Normal DZ -1968.103 Code TOE-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.063

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.9
          Monitor status Not monitored RMS 18.7
          Horz SD Vert SD
          Start wk 1554 sec 433113.6 End wk 1554 sec 433118.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0102052158
          VCV xx 0.0001183786 VCV xy 0.000161957
          VCV xz -0.0000944383 VCV yy 0.0005468254
          VCV yz -0.0001954088 VCV zz 0.0001652018

GPSVEC TP Point ID 45749 DX -6744.983 DY 1486.471
          Class Normal DZ -1954.003 Code TOE-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.063

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.9
          Monitor status Not monitored RMS 16.9
          Horz SD Vert SD
          Start wk 1554 sec 433133.6 End wk 1554 sec 433138.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0102113346
          VCV xx 0.000118512 VCV xy 0.0001626429
          VCV xz -0.0000943593 VCV yy 0.0005516724
          VCV yz -0.0001960239 VCV zz 0.0001649889

GPSVEC TP Point ID 45750 DX -6734.274 DY 1496.132
          Class Normal DZ -1936.432 Code TOE-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 8 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.9
          Monitor status Not monitored RMS 18.7
          Horz SD Vert SD
          Start wk 1554 sec 433164.8 End wk 1554 sec 433169.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0102518927
          VCV xx 0.0001193923 VCV xy 0.0001646525
          VCV xz -0.0000947711 VCV yy 0.000562512
          VCV yz -0.0001981257 VCV zz 0.0001656027
    
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GPSVEC TP Point ID 45751      DX -6866.528      DY 1636.142
        Class Normal      DZ -1816.006      Code TOP
        Obs L1 Fixed      H.pr 0.040      V.pr 0.063

GPSQC1 NM Min SVs          9                PDOP max 2.0
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 5        VDOP max 1.7
        Monitor status Not monitored RMS 18.8
        Horz SD              Vert SD
        Start wk 1554 sec 433339.4 End wk 1554 sec 433344.6

GPSQC2 NM Ttl satellites 9          Err Scale 0.0111010093
        VCV xx 0.0001192872 VCV xy 0.0001635232
        VCV xz -0.0000885027 VCV yy 0.0005834628
        VCV yz -0.000183536 VCV zz 0.0001493949

GPSVEC TP Point ID 45752      DX -6863.939      DY 1629.625
        Class Normal      DZ -1821.973      Code TOP-PS
        Obs L1 Fixed      H.pr 0.040      V.pr 0.063

GPSQC1 NM Min SVs          9                PDOP max 2.0
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 18.5
        Horz SD              Vert SD
        Start wk 1554 sec 433383.6 End wk 1554 sec 433388.6

GPSQC2 NM Ttl satellites 9          Err Scale 0.0110409455
        VCV xx 0.0001181765 VCV xy 0.0001628786
        VCV xz -0.0000872784 VCV yy 0.00058685
        VCV yz -0.0001823163 VCV zz 0.0001471658

GPSVEC TP Point ID 45753      DX -6854.591      DY 1613.931
        Class Normal      DZ -1834.908      Code TOP-PS
        Obs L1 Fixed      H.pr 0.040      V.pr 0.063

GPSQC1 NM Min SVs          9                PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 20.2
        Horz SD              Vert SD
        Start wk 1554 sec 433419.0 End wk 1554 sec 433424.0

GPSQC2 NM Ttl satellites 9          Err Scale 0.0110316416
        VCV xx 0.0001181001 VCV xy 0.000163431
        VCV xz -0.0000868836 VCV yy 0.0005934147
        VCV yz -0.0001824842 VCV zz 0.000146375

GPSVEC TP Point ID 45754      DX -6845.453      DY 1598.512
        Class Normal      DZ -1848.205      Code TOP-PS
        Obs L1 Fixed      H.pr 0.040      V.pr 0.063

GPSQC1 NM Min SVs          9                PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 21.8
        Horz SD              Vert SD
        Start wk 1554 sec 433451.2 End wk 1554 sec 433456.2

GPSQC2 NM Ttl satellites 9          Err Scale 0.0109777013
        VCV xx 0.0001171167 VCV xy 0.0001626431
        VCV xz -0.0000858577 VCV yy 0.0005947078
        VCV yz -0.0001812187 VCV zz 0.0001445461

GPSVEC TP Point ID 45755      DX -6835.726      DY 1582.968
        Class Normal      DZ -1861.329      Code TOP-PS
        Obs L1 Fixed      H.pr 0.039      V.pr 0.063

GPSQC1 NM Min SVs          9                PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.8
        Monitor status Not monitored RMS 18.2
        Horz SD              Vert SD
        Start wk 1554 sec 433535.6 End wk 1554 sec 433540.6

GPSQC2 NM Ttl satellites 9          Err Scale 0.0108672241
        VCV xx 0.0001150744 VCV xy 0.0001612734
        VCV xz -0.0000835612 VCV yy 0.0006008892
        VCV yz -0.0001787295 VCV zz 0.0001404684

GPSVEC TP Point ID 45756      DX -6825.102      DY 1567.745
        Class Normal      DZ -1873.842      Code TOP-PS
        Obs L1 Fixed      H.pr 0.039      V.pr 0.063

GPSQC1 NM Min SVs          9                PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.8
        Monitor status Not monitored RMS 18.1
        Horz SD              Vert SD
        Start wk 1554 sec 433561.6 End wk 1554 sec 433566.6

GPSQC2 NM Ttl satellites 9          Err Scale 0.0108452039
        VCV xx 0.0001147239 VCV xy 0.00016116
        VCV xz -0.0000830689 VCV yy 0.000603842
        VCV yz -0.0001783224 VCV zz 0.0001396048

GPSVEC TP Point ID 45757      DX -6822.334      DY 1563.697
        Class Normal      DZ -1877.380      Code TOP-PS
        Obs L1 Fixed      H.pr 0.039      V.pr 0.063
    
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GPSQC1 NM Min SVs 9 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 18.0
Horz SD Vert SD
Start wk 1554 sec 433588.6 End wk 1554 sec 433593.8

GPSQC2 NM Ttl satellites 9 Err Scale 0.0108034667
VCV xx 0.000113922 VCV xy 0.0001604233
VCV xz -0.0000822445 VCV yy 0.0006046061
VCV yz -0.0001772393 VCV zz 0.000138192

GPSVEC TP Point ID 45758 DX -6811.592 DY 1548.382
Class Normal DZ -1890.088 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.063

GPSQC1 NM Min SVs 9 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 18.0
Horz SD Vert SD
Start wk 1554 sec 433614.8 End wk 1554 sec 433619.8

GPSQC2 NM Ttl satellites 9 Err Scale 0.0107690264
VCV xx 0.0001132971 VCV xy 0.0001598991
VCV xz -0.0000815616 VCV yy 0.0006060202
VCV yz -0.0001764164 VCV zz 0.0001370302

GPSVEC TP Point ID 45759 DX -6801.067 DY 1533.055
Class Normal DZ -1902.472 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.063

GPSQC1 NM Min SVs 9 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 21.4
Horz SD Vert SD
Start wk 1554 sec 433644.0 End wk 1554 sec 433649.0

GPSQC2 NM Ttl satellites 9 Err Scale 0.010728389
VCV xx 0.0001125836 VCV xy 0.0001592598
VCV xz -0.0000807954 VCV yy 0.0006073499
VCV yz -0.0001754598 VCV zz 0.000135742

GPSVEC TP Point ID 45760 DX -6795.572 DY 1527.186
Class Normal DZ -1906.331 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.063

GPSQC1 NM Min SVs 9 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 7 VDOP max 1.8
Monitor status Not monitored RMS 21.3
Horz SD Vert SD
Start wk 1554 sec 433677.4 End wk 1554 sec 433683.2

GPSQC2 NM Ttl satellites 9 Err Scale 0.0106729819
VCV xx 0.0001115488 VCV xy 0.0001581989
VCV xz -0.0000797635 VCV yy 0.0006077063
VCV yz -0.0001740345 VCV zz 0.0001340278

GPSVEC TP Point ID 45761 DX -6780.448 DY 1513.176
Class Normal DZ -1914.776 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 7 VDOP max 1.8
Monitor status Not monitored RMS 21.5
Horz SD Vert SD
Start wk 1554 sec 433762.8 End wk 1554 sec 433768.6

GPSQC2 NM Ttl satellites 9 Err Scale 0.0106131546
VCV xx 0.0001105945 VCV xy 0.0001577137
VCV xz -0.0000783451 VCV yy 0.0006170956
VCV yz -0.0001729014 VCV zz 0.0001317784

GPSVEC TP Point ID 45762 DX -6779.463 DY 1511.310
Class Normal DZ -1916.579 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 19.4
Horz SD Vert SD
Start wk 1554 sec 433796.8 End wk 1554 sec 433801.8

GPSQC2 NM Ttl satellites 9 Err Scale 0.0106753213
VCV xx 0.0001120011 VCV xy 0.0001599754
VCV xz -0.0000790606 VCV yy 0.000630266
VCV yz -0.0001751754 VCV zz 0.0001330696

GPSVEC TP Point ID 45763 DX -6779.758 DY 1509.970
Class Normal DZ -1918.369 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1554 sec 433821.8 End wk 1554 sec 433826.8

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GPSQC2 NM Ttl satellites 9 Err Scale 0.0106380871
VCV xx 0.0001113417 VCV xy 0.0001591959
VCV xz -0.0000783883 VCV yy 0.0006304652
VCV yz -0.0001741988 VCV zz 0.0001320215

GPSVEC TP Point ID 45764 DX -6780.660 DY 1508.782
Class Normal DZ -1920.264 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 21.2
Horz SD Vert SD
Start wk 1554 sec 433840.0 End wk 1554 sec 433845.0

GPSQC2 NM Ttl satellites 9 Err Scale 0.010591723
VCV xx 0.0001104586 VCV xy 0.0001580191
VCV xz -0.0000776291 VCV yy 0.0006280682
VCV yz -0.0001728454 VCV zz 0.0001308106

GPSVEC TP Point ID 45765 DX -6790.424 DY 1499.163
Class Normal DZ -1938.166 Code TOP-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 17.6
Horz SD Vert SD
Start wk 1554 sec 433878.0 End wk 1554 sec 433883.0

GPSQC2 NM Ttl satellites 9 Err Scale 0.0105489399
VCV xx 0.0001097086 VCV xy 0.0001571266
VCV xz -0.0000767865 VCV yy 0.0006294705
VCV yz -0.0001717107 VCV zz 0.0001295509

GPSVEC TP Point ID 45766 DX -6798.310 DY 1491.788
Class Normal DZ -1951.894 Code R-115-TOP
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1554 sec 433965.4 End wk 1554 sec 433970.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0104917567
VCV xx 0.0001088192 VCV xy 0.0001560216
VCV xz -0.0000754477 VCV yy 0.0006364642
VCV yz -0.0001702785 VCV zz 0.000127774

GPSVEC TP Point ID 45767 DX -6798.149 DY 1491.142
Class Normal DZ -1952.578 Code R-115-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 17.7
Horz SD Vert SD
Start wk 1554 sec 433983.4 End wk 1554 sec 433988.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0104638301
VCV xx 0.0001083437 VCV xy 0.000155314
VCV xz -0.000074991 VCV yy 0.0006357011
VCV yz -0.0001694868 VCV zz 0.0001271094

GPSVEC TP Point ID 45768 DX -6798.897 DY 1490.791
Class Normal DZ -1953.340 Code R-115-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 19.4
Horz SD Vert SD
Start wk 1554 sec 433997.6 End wk 1554 sec 434003.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.010407242
VCV xx 0.0001072601 VCV xy 0.0001537268
VCV xz -0.0000741341 VCV yy 0.0006311046
VCV yz -0.0001677758 VCV zz 0.0001257636

GPSVEC TP Point ID 45769 DX -6799.479 DY 1490.570
Class Normal DZ -1953.958 Code R-115-PS-TOP
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 9 PDOP max 2.2
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 17.9
Horz SD Vert SD
Start wk 1554 sec 434035.6 End wk 1554 sec 434041.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0103722923
VCV xx 0.000106699 VCV xy 0.0001528193
VCV xz -0.0000734439 VCV yy 0.0006322109
VCV yz -0.0001667679 VCV zz 0.0001248735
    
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GPSVEC TP Point ID 45770      DX  -6799.825      DY  1490.520
        Class Normal      DZ  -1954.213      Code R-115-PS-TOP
        Obs L1 Fixed      H.pr 0.038      V.pr 0.064

GPSQC1 NM Min SVs          9      PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.9
        Monitor status Not monitored      RMS 17.2
        Horz SD      Vert SD
        Start wk 1554 sec 434045.6      End wk 1554 sec 434050.6

GPSQC2 NM Ttl satellites 9      Err Scale 0.0103228781
        VCV xx 0.0001057488      VCV xy 0.0001514084
        VCV xz -0.0000727329      VCV yy 0.000627474
        VCV yz -0.0001652567      VCV zz 0.0001237358

GPSVEC TP Point ID 45771      DX  -6801.412      DY  1490.885
        Class Normal      DZ  -1954.899      Code TOP
        Obs L1 Fixed      H.pr 0.038      V.pr 0.064

GPSQC1 NM Min SVs          9      PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.9
        Monitor status Not monitored      RMS 20.6
        Horz SD      Vert SD
        Start wk 1554 sec 434080.6      End wk 1554 sec 434085.8

GPSQC2 NM Ttl satellites 9      Err Scale 0.0102957711
        VCV xx 0.0001053275      VCV xy 0.0001506322
        VCV xz -0.0000721658      VCV yy 0.0006286503
        VCV yz -0.000164425      VCV zz 0.0001230605

GPSVEC TP Point ID 45772      DX  -6801.258      DY  1491.269
        Class Normal      DZ  -1954.130      Code R-115-S
        Obs L1 Fixed      H.pr 0.038      V.pr 0.064

GPSQC1 NM Min SVs          9      PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.9
        Monitor status Not monitored      RMS 20.4
        Horz SD      Vert SD
        Start wk 1554 sec 434175.0      End wk 1554 sec 434180.0

GPSQC2 NM Ttl satellites 9      Err Scale 0.0101780798
        VCV xx 0.0001033559      VCV xy 0.0001470309
        VCV xz -0.0000700905      VCV yy 0.0006251952
        VCV yz -0.0001607032      VCV zz 0.0001204154

NOTE NM Modified 8:37:33 PM 10/22/2009

NOTE NM Old values R-15-S

GPSVEC TP Point ID 45773      DX  -6803.354      DY  1493.210
        Class Normal      DZ  -1952.891      Code R-115-S
        Obs L1 Fixed      H.pr 0.038      V.pr 0.063

GPSQC1 NM Min SVs          9      PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.9
        Monitor status Not monitored      RMS 18.6
        Horz SD      Vert SD
        Start wk 1554 sec 434187.2      End wk 1554 sec 434192.2

GPSQC2 NM Ttl satellites 9      Err Scale 0.0101409685
        VCV xx 0.0001026798      VCV xy 0.0001459398
        VCV xz -0.0000695659      VCV yy 0.0006218202
        VCV yz -0.0001595793      VCV zz 0.0001196265

NOTE NM Modified 8:37:39 PM 10/22/2009

NOTE NM Old values R-15-S

GPSVEC TP Point ID 45774      DX  -6803.514      DY  1493.845
        Class Normal      DZ  -1952.173      Code R-115-S
        Obs L1 Fixed      H.pr 0.038      V.pr 0.063

GPSQC1 NM Min SVs          9      PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.9
        Monitor status Not monitored      RMS 18.9
        Horz SD      Vert SD
        Start wk 1554 sec 434198.2      End wk 1554 sec 434203.2

GPSQC2 NM Ttl satellites 9      Err Scale 0.0101091489
        VCV xx 0.0001021203      VCV xy 0.0001450227
        VCV xz -0.0000691264      VCV yy 0.000619049
        VCV yz -0.0001586387      VCV zz 0.0001189742

NOTE NM Modified 8:37:45 PM 10/22/2009

NOTE NM Old values R-15-S

GPSVEC TP Point ID 45775      DX  -6800.459      DY  1493.527
        Class Normal      DZ  -1950.886      Code R-115-S
        Obs L1 Fixed      H.pr 0.038      V.pr 0.063

GPSQC1 NM Min SVs          9      PDOP max 2.2
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.9
        Monitor status Not monitored      RMS 20.6
        Horz SD      Vert SD
        Start wk 1554 sec 434212.2      End wk 1554 sec 434217.4
    
```

```

GPSQC2 NM Ttl satellites 9 Err Scale 0.0100792302
          VCV xx 0.0001016108 VCV xy 0.000144143
          VCV xz -0.0000687003 VCV yy 0.0006166776
          VCV yz -0.0001577372 VCV zz 0.0001183721

NOTE NM Modified 8:37:53 PM 10/22/2009

NOTE NM Old values R-15-S

GPSVEC TP Point ID 45776 DX -6801.524 DY 1493.990
          Class Normal DZ -1950.839 Code R-115-S
          Obs L1 Fixed H.pr 0.038 V.pr 0.063

GPSQC1 NM Min SVs 9 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 5 VDOP max 1.9
          Monitor status Not monitored RMS 17.0
          Horz SD Vert SD
          Start wk 1554 sec 434222.6 End wk 1554 sec 434228.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0100617493
          VCV xx 0.0001013145 VCV xy 0.0001435909
          VCV xz -0.0000684294 VCV yy 0.0006154642
          VCV yz -0.0001571792 VCV zz 0.000118016

NOTE NM Modified 8:37:59 PM 10/22/2009

NOTE NM Old values R-15-S

GPSVEC TP Point ID 45777 DX -6802.465 DY 1494.228
          Class Normal DZ -1951.091 Code R-115-S
          Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 9 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 5 VDOP max 1.9
          Monitor status Not monitored RMS 18.7
          Horz SD Vert SD
          Start wk 1554 sec 434234.8 End wk 1554 sec 434240.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0100054909
          VCV xx 0.0001002435 VCV xy 0.0001419152
          VCV xz -0.0000676229 VCV yy 0.0006096866
          VCV yz -0.0001554131 VCV zz 0.0001167591

NOTE NM Modified 8:38:05 PM 10/22/2009

NOTE NM Old values R-15-S

GPSVEC TP Point ID 45778 DX -6803.160 DY 1494.150
          Class Normal DZ -1951.558 Code R-115-PS
          Obs L1 Fixed H.pr 0.037 V.pr 0.062

GPSQC1 NM Min SVs 9 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 5 VDOP max 1.9
          Monitor status Not monitored RMS 20.4
          Horz SD Vert SD
          Start wk 1554 sec 434249.4 End wk 1554 sec 434254.6

GPSQC2 NM Ttl satellites 9 Err Scale 0.0099499542
          VCV xx 0.0000992251 VCV xy 0.0001402737
          VCV xz -0.0000668376 VCV yy 0.0006042923
          VCV yz -0.0001537 VCV zz 0.0001155664

GPSVEC TP Point ID 45779 DX -6811.598 DY 1494.605
          Class Normal DZ -1955.872 Code TOP-PS
          Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 9 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.9
          Monitor status Not monitored RMS 20.0
          Horz SD Vert SD
          Start wk 1554 sec 434323.8 End wk 1554 sec 434328.8

GPSQC2 NM Ttl satellites 9 Err Scale 0.009938268
          VCV xx 0.0000993708 VCV xy 0.0001392868
          VCV xz -0.0000663484 VCV yy 0.0006086605
          VCV yz -0.0001529609 VCV zz 0.000115648

GPSVEC TP Point ID 45780 DX -6832.245 DY 1502.575
          Class Normal DZ -1958.038 Code TOP-PS
          Obs L1 Fixed H.pr 0.037 V.pr 0.062

GPSQC1 NM Min SVs 9 PDOP max 2.2
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.9
          Monitor status Not monitored RMS 19.9
          Horz SD Vert SD
          Start wk 1554 sec 434353.8 End wk 1554 sec 434358.8

GPSQC2 NM Ttl satellites 9 Err Scale 0.0098760547
          VCV xx 0.0000982952 VCV xy 0.0001372324
          VCV xz -0.0000654248 VCV yy 0.0006029917
          VCV yz -0.0001509253 VCV zz 0.0001144255

GPSVEC TP Point ID 45781 DX -6853.269 DY 1510.446
          Class Normal DZ -1960.787 Code TOP-PS
          Obs L1 Fixed H.pr 0.037 V.pr 0.062
    
```

GPSQC1	NM	Min SVs	9	PDOP max	2.2
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	1.9
		Monitor status	Not monitored	RMS	18.1
		Horz SD		Vert SD	
		Start wk 1554 sec	434379.0	End wk 1554 sec	434384.8
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0098335454
		VCV xx	0.0000976052	VCV xy	0.0001357765
		VCV xz	-0.0000647971	VCV yy	0.0005992823
		VCV yz	-0.0001495239	VCV zz	0.0001136636
GPSVEC	TP	Point ID 45782	DX -6874.220	DY	1518.069
		Class Normal	DZ -1963.470	Code	TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.062
GPSQC1	NM	Min SVs	9	PDOP max	2.2
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.9
		Monitor status	Not monitored	RMS	19.8
		Horz SD		Vert SD	
		Start wk 1554 sec	434409.0	End wk 1554 sec	434414.0
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0098249102
		VCV xx	0.0000976076	VCV xy	0.0001351915
		VCV xz	-0.000064603	VCV yy	0.0005996384
		VCV yz	-0.0001490985	VCV zz	0.0001137157
GPSVEC	TP	Point ID 45783	DX -6895.207	DY	1525.943
		Class Normal	DZ -1965.705	Code	TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.062
GPSQC1	NM	Min SVs	9	PDOP max	2.2
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	1.9
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1554 sec	434432.2	End wk 1554 sec	434438.0
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0097804014
		VCV xx	0.0000968698	VCV xy	0.0001336623
		VCV xz	-0.0000639602	VCV yy	0.0005952779
		VCV yz	-0.0001476209	VCV zz	0.0001129149
GPSVEC	TP	Point ID 45784	DX -6916.027	DY	1533.709
		Class Normal	DZ -1968.303	Code	TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.062
GPSQC1	NM	Min SVs	9	PDOP max	2.2
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.9
		Monitor status	Not monitored	RMS	16.5
		Horz SD		Vert SD	
		Start wk 1554 sec	434457.2	End wk 1554 sec	434462.2
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0097711431
		VCV xx	0.000096838	VCV xy	0.0001330757
		VCV xz	-0.0000637768	VCV yy	0.0005950744
		VCV yz	-0.000147181	VCV zz	0.0001129392
GPSVEC	TP	Point ID 45785	DX -6936.972	DY	1541.886
		Class Normal	DZ -1970.274	Code	TOP-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.062
GPSQC1	NM	Min SVs	9	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.9
		Monitor status	Not monitored	RMS	20.0
		Horz SD		Vert SD	
		Start wk 1554 sec	434484.2	End wk 1554 sec	434489.2
GPSQC2	NM	Ttl satellites	9	Err Scale	0.0097554382
		VCV xx	0.0000967009	VCV xy	0.0001322398
		VCV xz	-0.0000634984	VCV yy	0.0005940856
		VCV yz	-0.000146503	VCV zz	0.0001128559
GPSVEC	TP	Point ID 45786	DX -6791.241	DY	1449.027
		Class Normal	DZ -2063.781	Code	DS-19\R100-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.062
GPSQC1	NM	Min SVs	9	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	7	VDOP max	1.9
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1554 sec	434568.0	End wk 1554 sec	434573.8
GPSQC2	NM	Ttl satellites	9	Err Scale	0.009723302
		VCV xx	0.0000966009	VCV xy	0.0001298324
		VCV xz	-0.0000628259	VCV yy	0.0005918521
		VCV yz	-0.0001446997	VCV zz	0.0001130504
GPSVEC	TP	Point ID 45787	DX -6791.294	DY	1446.948
		Class Normal	DZ -2069.246	Code	DS-19\R100-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.063
GPSQC1	NM	Min SVs	9	PDOP max	2.3
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.9
		Monitor status	Not monitored	RMS	16.6
		Horz SD		Vert SD	
		Start wk 1554 sec	434580.8	End wk 1554 sec	434585.8

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GPSQC2 NM Ttl satellites 9 Err Scale 0.0099242069
VCV xx 0.0001007594 VCV xy 0.0001356464
VCV xz -0.0000656901 VCV yy 0.0006162611
VCV yz -0.0001512492 VCV zz 0.0001180617

GPSVEC TP Point ID 45788 DX -6625.378 DY 1381.071
Class Normal DZ -2058.414 Code TOE-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 9 PDOP max 2.3
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.9
Monitor status Not monitored RMS 19.3
Horz SD Vert SD
Start wk 1554 sec 434669.2 End wk 1554 sec 434674.4

GPSQC2 NM Ttl satellites 9 Err Scale 0.0094380975
VCV xx 0.0000900881 VCV xy 0.0001155799
VCV xz -0.0000573833 VCV yy 0.0005582392
VCV yz -0.0001328829 VCV zz 0.0001084722

NOTE TS Time Date 10/22/2009 Time 20:47:50

GPSVEC SO Point ID 45789 DX -6243.158 DY 1227.557
Class Stake out DZ -2033.052 Code CP-106-CHK-10-22
Obs L1 Fixed H.pr 0.035 V.pr 0.056

F-CODE SO Code CP-106-CHK-10-22-09

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.5
Horz SD Vert SD
Start wk 1554 sec 434877.0 End wk 1554 sec 434882.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0000834219 VCV xy 0.0001030784
VCV xz -0.000052442 VCV yy 0.0004938915
VCV yz -0.0001186631 VCV zz 0.0000996587

PT DGN SO Name 106 To the Point

GRID D SO Delta N 0.006 Delta E -0.003
Delta Elv -0.062

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 10/24/2009 Time 16:29:14

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 Measurement True

GPSPOS FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver 4700 Serial no <no text>
Antenna Micro-centered L1/L2 w/Ground
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 0.207 Measurement True

GPSREF KI Reference 01

INIT KI Init event Gained Week 1554
Init type On the fly seconds 592192.0
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=4.020

GPSANT KI Antenna ht 6.562 Measurement Uncorrected

GPSVEC TP Point ID 45790 DX -6957.893 DY 1550.198
Class Normal DZ -1972.355 Code TOP-SCRAP
Obs L1 Fixed H.pr 0.050 V.pr 0.104

GPSQC1 NM Min SVs 6 PDOP max 3.9
Relative DOPs Yes HDOP max 1.7
Total GPS pos 6 VDOP max 3.6
Monitor status Not monitored RMS 13.7
Horz SD Vert SD
Start wk 1554 sec 592295.6 End wk 1554 sec 592300.6
    
```

GPSQC2	NM	Ttl satellites 6		Err Scale	0.0089228302
		VCV xx 0.000299751		VCV xy	0.0003226258
		VCV xz -0.0004587501		VCV yy	0.0006112589
		VCV yz -0.0006370734		VCV zz	0.0010489123
GPSVEC	TP	Point ID 45791	DX -6949.412	DY	1590.736
		Class Normal	DZ -1919.474	Code	SCRAP
		Obs L1 Fixed	H.pr 0.047	V.pr	0.097
GPSQC1	NM	Min SVs 6		PDOP max	3.9
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	3.5
		Monitor status Not monitored		RMS	12.9
		Horz SD		Vert SD	
		Start wk 1554 sec 592327.8		End wk 1554 sec 592332.8	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0084268618
		VCV xx 0.0002752352		VCV xy	0.0002942762
		VCV xz -0.0004178621		VCV yy	0.0005593906
		VCV yz -0.0005772235		VCV zz	0.000950804
GPSVEC	TP	Point ID 45792	DX -6925.168	DY	1581.142
		Class Normal	DZ -1916.854	Code	SCRAP
		Obs L1 Fixed	H.pr 0.046	V.pr	0.095
GPSQC1	NM	Min SVs 6		PDOP max	3.9
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	3.5
		Monitor status Not monitored		RMS	16.8
		Horz SD		Vert SD	
		Start wk 1554 sec 592346.0		End wk 1554 sec 592351.0	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0083131008
		VCV xx 0.0002651199		VCV xy	0.0002824501
		VCV xz -0.0004007334		VCV yy	0.0005379978
		VCV yz -0.0005520575		VCV zz	0.0009094938
GPSVEC	TP	Point ID 45793	DX -6912.253	DY	1594.508
		Class Normal	DZ -1893.261	Code	SCRAP
		Obs L1 Fixed	H.pr 0.045	V.pr	0.091
GPSQC1	NM	Min SVs 6		PDOP max	3.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	3.4
		Monitor status Not monitored		RMS	14.9
		Horz SD		Vert SD	
		Start wk 1554 sec 592363.0		End wk 1554 sec 592368.0	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0081029143
		VCV xx 0.000249699		VCV xy	0.0002651227
		VCV xz -0.0003758155		VCV yy	0.0005059463
		VCV yz -0.0005163964		VCV zz	0.0008507934
GPSVEC	TP	Point ID 45794	DX -6893.804	DY	1615.107
		Class Normal	DZ -1856.891	Code	SCRAP
		Obs L1 Fixed	H.pr 0.048	V.pr	0.098
GPSQC1	NM	Min SVs 6		PDOP max	3.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	3.4
		Monitor status Not monitored		RMS	17.1
		Horz SD		Vert SD	
		Start wk 1554 sec 592383.0		End wk 1554 sec 592388.0	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0087599456
		VCV xx 0.0002887045		VCV xy	0.0003052963
		VCV xz -0.0004322438		VCV yy	0.0005838344
		VCV yz -0.000592062		VCV zz	0.0009754004
GPSVEC	TP	Point ID 45795	DX -6874.768	DY	1636.537
		Class Normal	DZ -1820.283	Code	SCRAP
		Obs L1 Fixed	H.pr 0.047	V.pr	0.095
GPSQC1	NM	Min SVs 6		PDOP max	3.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	3.4
		Monitor status Not monitored		RMS	15.9
		Horz SD		Vert SD	
		Start wk 1554 sec 592405.2		End wk 1554 sec 592410.2	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0085727163
		VCV xx 0.0002733248		VCV xy	0.0002877335
		VCV xz -0.0004067852		VCV yy	0.0005514965
		VCV yz -0.0005552282		VCV zz	0.0009145547
GPSVEC	TP	Point ID 45796	DX -6869.853	DY	1642.792
		Class Normal	DZ -1810.507	Code	SCRAP-TOP
		Obs L1 Fixed	H.pr 0.046	V.pr	0.092
GPSQC1	NM	Min SVs 6		PDOP max	3.7
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	3.3
		Monitor status Not monitored		RMS	17.4
		Horz SD		Vert SD	
		Start wk 1554 sec 592432.2		End wk 1554 sec 592437.4	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0083719334
		VCV xx 0.0002569975		VCV xy	0.0002689968
		VCV xz -0.0003795324		VCV yy	0.0005169641
		VCV yz -0.0005156455		VCV zz	0.0008490505

GPSVEC	TP	Point ID 45797	DX -6866.015	DY 1647.250
		Class Normal	DZ -1805.613	Code SCRAP
		Obs L1 Fixed	H.pr 0.045	V.pr 0.089
GPSQC1	NM	Min SVs 6	PDOP max 3.7	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 5	VDOP max 3.3	
		Monitor status Not monitored	RMS 15.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 592451.6	End wk 1554 sec 592456.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0082232831	
		VCV xx 0.0002453729	VCV xy 0.0002558272	
		VCV xz -0.0003604305	VCV yy 0.0004927897	
		VCV yz -0.0004882683	VCV zz 0.0008037301	
GPSVEC	TP	Point ID 45798	DX -6841.551	DY 1645.346
		Class Normal	DZ -1805.240	Code P-100
		Obs L1 Fixed	H.pr 0.044	V.pr 0.087
GPSQC1	NM	Min SVs 6	PDOP max 3.7	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 7	VDOP max 3.3	
		Monitor status Not monitored	RMS 15.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 592492.0	End wk 1554 sec 592497.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0081926221	
		VCV xx 0.000239029	VCV xy 0.0002470864	
		VCV xz -0.0003469178	VCV yy 0.000477899	
		VCV yz -0.0004667301	VCV zz 0.00076758	
GPSVEC	TP	Point ID 45799	DX -6837.305	DY 1637.986
		Class Normal	DZ -1811.608	Code PS
		Obs L1 Fixed	H.pr 0.046	V.pr 0.089
GPSQC1	NM	Min SVs 6	PDOP max 3.6	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 3.2	
		Monitor status Not monitored	RMS 13.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 592511.0	End wk 1554 sec 592516.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0084089134	
		VCV xx 0.0002495297	VCV xy 0.00025702	
		VCV xz -0.0003603487	VCV yy 0.0004983838	
		VCV yz -0.0004835784	VCV zz 0.000795029	
GPSVEC	TP	Point ID 45800	DX -6834.990	DY 1628.991
		Class Normal	DZ -1819.567	Code P-99
		Obs L1 Fixed	H.pr 0.044	V.pr 0.082
GPSQC1	NM	Min SVs 6	PDOP max 3.5	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 3.1	
		Monitor status Not monitored	RMS 13.1	
		Horz SD	Vert SD	
		Start wk 1554 sec 592633.4	End wk 1554 sec 592638.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0082142325	
		VCV xx 0.000225341	VCV xy 0.0002262603	
		VCV xz -0.0003134492	VCV yy 0.0004455849	
		VCV yz -0.0004124549	VCV zz 0.0006755056	
GPSVEC	TP	Point ID 45801	DX -6831.081	DY 1621.506
		Class Normal	DZ -1825.942	Code PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.082
GPSQC1	NM	Min SVs 6	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 3.0	
		Monitor status Not monitored	RMS 16.8	
		Horz SD	Vert SD	
		Start wk 1554 sec 592649.4	End wk 1554 sec 592654.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0082705049	
		VCV xx 0.0002267857	VCV xy 0.0002270027	
		VCV xz -0.0003140056	VCV yy 0.000448227	
		VCV yz -0.000412295	VCV zz 0.0006749526	
GPSVEC	TP	Point ID 45802	DX -6826.206	DY 1614.805
		Class Normal	DZ -1831.529	Code P-?
		Obs L1 Fixed	H.pr 0.043	V.pr 0.079
GPSQC1	NM	Min SVs 6	PDOP max 3.4	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 3.0	
		Monitor status Not monitored	RMS 16.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 592705.8	End wk 1554 sec 592710.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0081189834	
		VCV xx 0.0002135604	VCV xy 0.0002113718	
		VCV xz -0.0002906541	VCV yy 0.0004209684	
		VCV yz -0.0003784927	VCV zz 0.0006183502	
NOTE	NM	Modified 4:38:41 PM 10/24/2009		
NOTE	NM	Old values PS		
GPSVEC	TP	Point ID 45803	DX -6820.831	DY 1606.137
		Class Normal	DZ -1838.687	Code PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.079

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GPSQC1 NM Min SVs 6 PDOP max 3.3
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 12.9
Horz SD Vert SD
Start wk 1554 sec 592747.2 End wk 1554 sec 592752.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0082535716
VCV xx 0.0002172318 VCV xy 0.0002132763
VCV xz -0.000291978 VCV yy 0.0004277001
VCV yz -0.0003780353 VCV zz 0.0006166603

GPSVEC TP Point ID 45804 DX -6814.804 DY 1597.901
Class Normal DZ -1845.583 Code P-?
Obs L1 Fixed H.pr 0.043 V.pr 0.078

GPSQC1 NM Min SVs 6 PDOP max 3.3
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 17.0
Horz SD Vert SD
Start wk 1554 sec 592766.2 End wk 1554 sec 592771.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0082389237
VCV xx 0.0002146396 VCV xy 0.0002099546
VCV xz -0.0002868433 VCV yy 0.0004226636
VCV yz -0.0003705102 VCV zz 0.0006039842

GPSVEC TP Point ID 45805 DX -6810.736 DY 1590.786
Class Normal DZ -1851.535 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.077

GPSQC1 NM Min SVs 6 PDOP max 3.3
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 15.0
Horz SD Vert SD
Start wk 1554 sec 592782.4 End wk 1554 sec 592787.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.00814569
VCV xx 0.0002085501 VCV xy 0.0002033567
VCV xz -0.0002773489 VCV yy 0.0004104575
VCV yz -0.0003574005 VCV zz 0.0005822831

GPSVEC TP Point ID 45806 DX -6805.465 DY 1582.499
Class Normal DZ -1858.522 Code P?
Obs L1 Fixed H.pr 0.043 V.pr 0.076

GPSQC1 NM Min SVs 6 PDOP max 3.3
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.9
Monitor status Not monitored RMS 16.7
Horz SD Vert SD
Start wk 1554 sec 592800.4 End wk 1554 sec 592805.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081453044
VCV xx 0.0002070731 VCV xy 0.0002012242
VCV xz -0.0002739019 VCV yy 0.000407539
VCV yz -0.0003521382 VCV zz 0.0005733277

GPSVEC TP Point ID 45807 DX -6801.862 DY 1575.114
Class Normal DZ -1864.804 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.076

GPSQC1 NM Min SVs 6 PDOP max 3.3
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.8
Monitor status Not monitored RMS 16.7
Horz SD Vert SD
Start wk 1554 sec 592816.4 End wk 1554 sec 592821.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081614079
VCV xx 0.000206626 VCV xy 0.0002001658
VCV xz -0.0002719611 VCV yy 0.0004067383
VCV yz -0.0003489387 VCV zz 0.0005677542

GPSVEC TP Point ID 45808 DX -6800.202 DY 1572.626
Class Normal DZ -1866.961 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.075

GPSQC1 NM Min SVs 6 PDOP max 3.3
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.8
Monitor status Not monitored RMS 14.9
Horz SD Vert SD
Start wk 1554 sec 592828.4 End wk 1554 sec 592833.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081103425
VCV xx 0.0002031206 VCV xy 0.0001963352
VCV xz -0.0002664175 VCV yy 0.0003998196
VCV yz -0.0003412959 VCV zz 0.0005550846

GPSVEC TP Point ID 45809 DX -6792.768 DY 1565.590
Class Normal DZ -1872.673 Code P-?
Obs L1 Fixed H.pr 0.042 V.pr 0.075

GPSQC1 NM Min SVs 6 PDOP max 3.2
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.8
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1554 sec 592847.6 End wk 1554 sec 592852.6
    
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GPSQC2 NM Ttl satellites 6 Err Scale 0.0081029385
          VCV xx 0.0002012529 VCV xy 0.0001938219
          VCV xz -0.0002624236 VCV yy 0.0003961316
          VCV yz -0.0003353348 VCV zz 0.000544945

GPSVEC TP Point ID 45810 DX -6788.075 DY 1558.064
          Class Normal DZ -1878.967 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.075

GPSQC1 NM Min SVs 6 PDOP max 3.2
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.8
          Monitor status Not monitored RMS 14.8
          Horz SD Vert SD
          Start wk 1554 sec 592863.8 End wk 1554 sec 592868.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081372606
          VCV xx 0.0002018112 VCV xy 0.0001937553
          VCV xz -0.0002618259 VCV yy 0.0003973369
          VCV yz -0.0003338905 VCV zz 0.000542212

GPSVEC TP Point ID 45811 DX -6779.267 DY 1561.571
          Class Normal DZ -1875.064 Code DS-24\R-108-PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.074

GPSQC1 NM Min SVs 6 PDOP max 3.2
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.8
          Monitor status Not monitored RMS 16.6
          Horz SD Vert SD
          Start wk 1554 sec 592890.8 End wk 1554 sec 592895.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081233652
          VCV xx 0.0001994868 VCV xy 0.0001905137
          VCV xz -0.0002565652 VCV yy 0.0003926577
          VCV yz -0.0003259446 VCV zz 0.0005285832

GPSVEC TP Point ID 45812 DX -6774.897 DY 1563.339
          Class Normal DZ -1873.014 Code DS-24\R-108-PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.073

GPSQC1 NM Min SVs 6 PDOP max 3.2
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 7 VDOP max 2.8
          Monitor status Not monitored RMS 13.1
          Horz SD Vert SD
          Start wk 1554 sec 592903.0 End wk 1554 sec 592908.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081110103
          VCV xx 0.0001978421 VCV xy 0.0001885045
          VCV xz -0.0002535074 VCV yy 0.0003895294
          VCV yz -0.0003215551 VCV zz 0.0005212337

GPSVEC TP Point ID 45813 DX -6779.666 DY 1550.599
          Class Normal DZ -1884.551 Code P-?
          Obs L1 Fixed H.pr 0.042 V.pr 0.072

GPSQC1 NM Min SVs 6 PDOP max 3.2
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.7
          Monitor status Not monitored RMS 14.9
          Horz SD Vert SD
          Start wk 1554 sec 592941.2 End wk 1554 sec 592946.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0081107654
          VCV xx 0.0001956898 VCV xy 0.0001851192
          VCV xz -0.0002477577 VCV yy 0.0003853912
          VCV yz -0.0003126935 VCV zz 0.000505887

GPSVEC TP Point ID 45814 DX -6774.832 DY 1543.401
          Class Normal DZ -1889.740 Code PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.071

GPSQC1 NM Min SVs 6 PDOP max 3.1
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 7 VDOP max 2.7
          Monitor status Not monitored RMS 13.3
          Horz SD Vert SD
          Start wk 1554 sec 592957.4 End wk 1554 sec 592963.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080585973
          VCV xx 0.0001920243 VCV xy 0.0001810775
          VCV xz -0.0002418485 VCV yy 0.0003783784
          VCV yz -0.0003045961 VCV zz 0.0004924186

GPSVEC TP Point ID 45815 DX -6772.347 DY 1539.981
          Class Normal DZ -1892.024 Code PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.071

GPSQC1 NM Min SVs 6 PDOP max 3.1
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.7
          Monitor status Not monitored RMS 15.0
          Horz SD Vert SD
          Start wk 1554 sec 592971.2 End wk 1554 sec 592976.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080163721
          VCV xx 0.0001893093 VCV xy 0.0001780935
          VCV xz -0.0002374979 VCV yy 0.0003732529
          VCV yz -0.0002986624 VCV zz 0.000482572
    
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GPSVEC	TP	Point ID 45816	DX	-6780.953	DY	1535.375
		Class Normal	DZ	-1897.084	Code	DS-23\R-125-PS
		Obs L1 Fixed	H.pr	0.043	V.pr	0.072
GPSQC1	NM	Min SVs 6	PDOP max	3.1		
		Relative DOPs Yes	HDOP max	1.6		
		Total GPS pos 5	VDOP max	2.7		
		Monitor status Not monitored	RMS	12.9		
		Horz SD	Vert SD			
		Start wk 1554 sec 593007.4	End wk 1554	sec 593012.6		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0082149878		
		VCV xx 0.0001966641	VCV xy	0.0001837126		
		VCV xz -0.0002437805	VCV yy	0.000387983		
		VCV yz -0.0003050474	VCV zz	0.0004918883		
GPSVEC	TP	Point ID 45817	DX	-6776.929	DY	1537.568
		Class Normal	DZ	-1894.693	Code	DS-23\R-125-PS
		Obs L1 Fixed	H.pr	0.042	V.pr	0.069
GPSQC1	NM	Min SVs 6	PDOP max	3.1		
		Relative DOPs Yes	HDOP max	1.6		
		Total GPS pos 6	VDOP max	2.6		
		Monitor status Not monitored	RMS	16.7		
		Horz SD	Vert SD			
		Start wk 1554 sec 593021.6	End wk 1554	sec 593026.6		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.00800985		
		VCV xx 0.0001861937	VCV xy	0.0001734954		
		VCV xz -0.000229836	VCV yy	0.0003675077		
		VCV yz -0.0002871052	VCV zz	0.0004626767		
GPSVEC	TP	Point ID 45818	DX	-6767.302	DY	1531.195
		Class Normal	DZ	-1898.291	Code	P-86
		Obs L1 Fixed	H.pr	0.042	V.pr	0.069
GPSQC1	NM	Min SVs 6	PDOP max	3.1		
		Relative DOPs Yes	HDOP max	1.6		
		Total GPS pos 6	VDOP max	2.6		
		Monitor status Not monitored	RMS	14.7		
		Horz SD	Vert SD			
		Start wk 1554 sec 593048.6	End wk 1554	sec 593053.6		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0080292262		
		VCV xx 0.0001858261	VCV xy	0.0001722716		
		VCV xz -0.0002273815	VCV yy	0.0003671963		
		VCV yz -0.0002830734	VCV zz	0.0004555166		
GPSVEC	TP	Point ID 45819	DX	-6760.351	DY	1524.302
		Class Normal	DZ	-1902.897	Code	PS
		Obs L1 Fixed	H.pr	0.042	V.pr	0.069
GPSQC1	NM	Min SVs 6	PDOP max	3.1		
		Relative DOPs Yes	HDOP max	1.6		
		Total GPS pos 6	VDOP max	2.6		
		Monitor status Not monitored	RMS	13.0		
		Horz SD	Vert SD			
		Start wk 1554 sec 593071.6	End wk 1554	sec 593076.8		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.00805174		
		VCV xx 0.0001856644	VCV xy	0.0001713882		
		VCV xz -0.0002255205	VCV yy	0.0003672328		
		VCV yz -0.0002799447	VCV zz	0.000449936		
GPSVEC	TP	Point ID 45820	DX	-6722.641	DY	1545.247
		Class Normal	DZ	-1880.732	Code	PS
		Obs L1 Fixed	H.pr	0.042	V.pr	0.067
GPSQC1	NM	Min SVs 6	PDOP max	3.0		
		Relative DOPs Yes	HDOP max	1.6		
		Total GPS pos 6	VDOP max	2.6		
		Monitor status Not monitored	RMS	16.6		
		Horz SD	Vert SD			
		Start wk 1554 sec 593140.0	End wk 1554	sec 593145.0		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0080684628		
		VCV xx 0.0001834691	VCV xy	0.0001672447		
		VCV xz -0.0002180117	VCV yy	0.000364004		
		VCV yz -0.0002682954	VCV zz	0.0004295764		
GPSVEC	TP	Point ID 45821	DX	-6735.637	DY	1560.762
		Class Normal	DZ	-1870.953	Code	PS
		Obs L1 Fixed	H.pr	0.042	V.pr	0.067
GPSQC1	NM	Min SVs 6	PDOP max	3.0		
		Relative DOPs Yes	HDOP max	1.6		
		Total GPS pos 7	VDOP max	2.5		
		Monitor status Not monitored	RMS	14.8		
		Horz SD	Vert SD			
		Start wk 1554 sec 593160.2	End wk 1554	sec 593166.0		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0080522886		
		VCV xx 0.0001818688	VCV xy	0.0001651707		
		VCV xz -0.000214725	VCV yy	0.0003614405		
		VCV yz -0.0002636287	VCV zz	0.0004216972		
GPSVEC	TP	Point ID 45822	DX	-6743.269	DY	1556.418
		Class Normal	DZ	-1875.348	Code	R-106-PS
		Obs L1 Fixed	H.pr	0.042	V.pr	0.067

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GPSQC1 NM Min SVs 6 PDOP max 3.0
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 593180.2 End wk 1554 sec 593185.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.008083499
VCV xx 0.0001823803 VCV xy 0.000165085
VCV xz -0.0002140817 VCV yy 0.0003630409
VCV yz -0.0002622863 VCV zz 0.000419172

GPSVEC TP Point ID 45823 DX -6747.332 DY 1554.139
Class Normal DZ -1877.653 Code R-106-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 3.0
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 13.3
Horz SD Vert SD
Start wk 1554 sec 593195.2 End wk 1554 sec 593200.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080607114
VCV xx 0.000180781 VCV xy 0.0001632128
VCV xz -0.0002112454 VCV yy 0.0003603672
VCV yz -0.0002583956 VCV zz 0.0004126748

GPSVEC TP Point ID 45824 DX -6747.531 DY 1554.457
Class Normal DZ -1877.432 Code R-106-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 3.0
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 14.7
Horz SD Vert SD
Start wk 1554 sec 593205.4 End wk 1554 sec 593210.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080246385
VCV xx 0.0001786074 VCV xy 0.0001609615
VCV xz -0.0002080699 VCV yy 0.000356406
VCV yz -0.0002542264 VCV zz 0.0004058614

GPSVEC TP Point ID 45825 DX -6749.432 DY 1573.746
Class Normal DZ -1861.601 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 3.0
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 13.0
Horz SD Vert SD
Start wk 1554 sec 593231.6 End wk 1554 sec 593236.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080752494
VCV xx 0.0001799461 VCV xy 0.0001614102
VCV xz -0.0002078642 VCV yy 0.0003598349
VCV yz -0.0002532055 VCV zz 0.0004036124

GPSVEC TP Point ID 45826 DX -6758.748 DY 1589.028
Class Normal DZ -1848.924 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.9
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 14.8
Horz SD Vert SD
Start wk 1554 sec 593248.6 End wk 1554 sec 593253.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080709457
VCV xx 0.000179223 VCV xy 0.0001602812
VCV xz -0.0002059214 VCV yy 0.000358918
VCV yz -0.0002503534 VCV zz 0.000398699

GPSVEC TP Point ID 45827 DX -6761.379 DY 1588.133
Class Normal DZ -1849.977 Code R-143-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.9
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 13.0
Horz SD Vert SD
Start wk 1554 sec 593266.8 End wk 1554 sec 593271.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0080728568
VCV xx 0.0001787024 VCV xy 0.0001593112
VCV xz -0.0002041592 VCV yy 0.0003584464
VCV yz -0.0002477013 VCV zz 0.0003940888

GPSVEC TP Point ID 45828 DX -6774.936 DY 1582.995
Class Normal DZ -1855.652 Code R-143-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.9
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.5
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1554 sec 593284.0 End wk 1554 sec 593289.0

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GPSQC2	NM	Ttl satellites 6		Err Scale 0.008108479
		VCV xx 0.0001796321		VCV xy 0.0001596727
		VCV xz -0.0002041513		VCV yy 0.0003609367
		VCV yz -0.0002472341		VCV zz 0.0003930139
GPSVEC	TP	Point ID 45829	DX -6775.335	DY 1583.669
		Class Normal	DZ -1855.073	Code R-143-PS
		Obs L1 Fixed	H.pr 0.042	V.pr 0.065
GPSQC1	NM	Min SVs 6		PDOP max 2.9
		Relative DOPs Yes		HDOP max 1.6
		Total GPS pos 6		VDOP max 2.4
		Monitor status Not monitored		RMS 16.8
		Horz SD		Vert SD
		Start wk 1554 sec 593294.0		End wk 1554 sec 593299.0
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0080894921
		VCV xx 0.0001784099		VCV xy 0.0001583234
		VCV xz -0.0002021736		VCV yy 0.0003589554
		VCV yz -0.0002446017		VCV zz 0.000388681
GPSVEC	TP	Point ID 45830	DX -6768.581	DY 1604.368
		Class Normal	DZ -1835.766	Code PS
		Obs L1 Fixed	H.pr 0.042	V.pr 0.064
GPSQC1	NM	Min SVs 6		PDOP max 2.9
		Relative DOPs Yes		HDOP max 1.6
		Total GPS pos 7		VDOP max 2.4
		Monitor status Not monitored		RMS 13.1
		Horz SD		Vert SD
		Start wk 1554 sec 593321.4		End wk 1554 sec 593327.2
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081072273
		VCV xx 0.0001783986		VCV xy 0.0001575404
		VCV xz -0.0002003589		VCV yy 0.0003598167
		VCV yz -0.0002416195		VCV zz 0.0003833149
GPSVEC	TP	Point ID 45831	DX -6777.926	DY 1619.840
		Class Normal	DZ -1822.630	Code PS
		Obs L1 Fixed	H.pr 0.043	V.pr 0.064
GPSQC1	NM	Min SVs 6		PDOP max 2.9
		Relative DOPs Yes		HDOP max 1.6
		Total GPS pos 5		VDOP max 2.4
		Monitor status Not monitored		RMS 13.1
		Horz SD		Vert SD
		Start wk 1554 sec 593343.4		End wk 1554 sec 593348.6
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081300512
		VCV xx 0.000178775		VCV xy 0.0001572868
		VCV xz -0.0001994378		VCV yy 0.0003613243
		VCV yz -0.0002399163		VCV zz 0.0003801848
GPSVEC	TP	Point ID 45832	DX -6786.578	DY 1635.751
		Class Normal	DZ -1809.242	Code PS
		Obs L1 Fixed	H.pr 0.043	V.pr 0.064
GPSQC1	NM	Min SVs 6		PDOP max 2.9
		Relative DOPs Yes		HDOP max 1.6
		Total GPS pos 6		VDOP max 2.4
		Monitor status Not monitored		RMS 13.2
		Horz SD		Vert SD
		Start wk 1554 sec 593360.6		End wk 1554 sec 593365.6
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081499089
		VCV xx 0.000179218		VCV xy 0.0001572117
		VCV xz -0.0001988524		VCV yy 0.0003630046
		VCV yz -0.000238779		VCV zz 0.0003780389
GPSVEC	TP	Point ID 45833	DX -6795.748	DY 1651.431
		Class Normal	DZ -1795.959	Code PS
		Obs L1 Fixed	H.pr 0.043	V.pr 0.064
GPSQC1	NM	Min SVs 6		PDOP max 2.9
		Relative DOPs Yes		HDOP max 1.6
		Total GPS pos 6		VDOP max 2.4
		Monitor status Not monitored		RMS 13.2
		Horz SD		Vert SD
		Start wk 1554 sec 593381.6		End wk 1554 sec 593386.6
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081542227
		VCV xx 0.0001788313		VCV xy 0.0001563155
		VCV xz -0.0001971402		VCV yy 0.0003629535
		VCV yz -0.0002361599		VCV zz 0.000373473
GPSVEC	TP	Point ID 45834	DX -6763.846	DY 1661.213
		Class Normal	DZ -1783.670	Code PS
		Obs L1 Fixed	H.pr 0.043	V.pr 0.063
GPSQC1	NM	Min SVs 6		PDOP max 2.9
		Relative DOPs Yes		HDOP max 1.6
		Total GPS pos 6		VDOP max 2.4
		Monitor status Not monitored		RMS 15.0
		Horz SD		Vert SD
		Start wk 1554 sec 593412.8		End wk 1554 sec 593417.8
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081618093
		VCV xx 0.0001785022		VCV xy 0.0001551903
		VCV xz -0.0001948256		VCV yy 0.0003635904
		VCV yz -0.0002325769		VCV zz 0.0003671586

GPSVEC	TP	Point ID 45835		DX -6754.280		DY 1645.925	
		Class Normal		DZ -1796.973		Code PS	
		Obs L1 Fixed		H.pr 0.043		V.pr 0.063	
GPSQC1	NM	Min SVs 6		PDOP max 2.9			
		Relative DOPs Yes		HDOP max 1.6			
		Total GPS pos 6		VDOP max 2.4			
		Monitor status Not monitored		RMS 16.7			
		Horz SD		Vert SD			
		Start wk 1554 sec 593435.0		End wk 1554 sec 593440.0			
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081383782			
		VCV xx 0.0001769719		VCV xy 0.0001532903			
		VCV xz -0.0001918486		VCV yy 0.0003614731			
		VCV yz -0.0002284799		VCV zz 0.0003602969			
GPSVEC	TP	Point ID 45836		DX -6743.926		DY 1630.693	
		Class Normal		DZ -1809.799		Code PS	
		Obs L1 Fixed		H.pr 0.043		V.pr 0.063	
GPSQC1	NM	Min SVs 6		PDOP max 2.8			
		Relative DOPs Yes		HDOP max 1.6			
		Total GPS pos 6		VDOP max 2.4			
		Monitor status Not monitored		RMS 13.1			
		Horz SD		Vert SD			
		Start wk 1554 sec 593454.0		End wk 1554 sec 593459.0			
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081343437			
		VCV xx 0.0001763297		VCV xy 0.0001522501			
		VCV xz -0.0001900449		VCV yy 0.0003610768			
		VCV yz -0.0002258769		VCV zz 0.0003558689			
GPSVEC	TP	Point ID 45837		DX -6734.936		DY 1615.061	
		Class Normal		DZ -1823.076		Code PS	
		Obs L1 Fixed		H.pr 0.043		V.pr 0.062	
GPSQC1	NM	Min SVs 6		PDOP max 2.8			
		Relative DOPs Yes		HDOP max 1.6			
		Total GPS pos 6		VDOP max 2.3			
		Monitor status Not monitored		RMS 13.4			
		Horz SD		Vert SD			
		Start wk 1554 sec 593477.2		End wk 1554 sec 593482.2			
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0081117442			
		VCV xx 0.0001749462		VCV xy 0.0001504738			
		VCV xz -0.0001872162		VCV yy 0.0003593213			
		VCV yz -0.0002219634		VCV zz 0.0003492979			
GPSVEC	TP	Point ID 45838		DX -6725.257		DY 1599.628	
		Class Normal		DZ -1836.270		Code PS	
		Obs L1 Fixed		H.pr 0.043		V.pr 0.062	
GPSQC1	NM	Min SVs 6		PDOP max 2.8			
		Relative DOPs Yes		HDOP max 1.6			
		Total GPS pos 6		VDOP max 2.3			
		Monitor status Not monitored		RMS 15.1			
		Horz SD		Vert SD			
		Start wk 1554 sec 593495.4		End wk 1554 sec 593500.4			
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0080986097			
		VCV xx 0.0001739789		VCV xy 0.0001491709			
		VCV xz -0.0001851036		VCV yy 0.0003582894			
		VCV yz -0.0002190199		VCV zz 0.0003443553			
GPSVEC	TP	Point ID 45839		DX -6715.775		DY 1587.355	
		Class Normal		DZ -1846.258		Code PS	
		Obs L1 Fixed		H.pr 0.043		V.pr 0.061	
GPSQC1	NM	Min SVs 6		PDOP max 2.8			
		Relative DOPs Yes		HDOP max 1.6			
		Total GPS pos 6		VDOP max 2.3			
		Monitor status Not monitored		RMS 16.6			
		Horz SD		Vert SD			
		Start wk 1554 sec 593517.4		End wk 1554 sec 593522.4			
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0080551552			
		VCV xx 0.0001717759		VCV xy 0.0001467469			
		VCV xz -0.0001815385		VCV yy 0.0003547181			
		VCV yz -0.0002142848		VCV zz 0.0003365454			
GPSVEC	TP	Point ID 45840		DX -6707.250		DY 1576.482	
		Class Normal		DZ -1854.438		Code PS	
		Obs L1 Fixed		H.pr 0.043		V.pr 0.061	
GPSQC1	NM	Min SVs 6		PDOP max 2.8			
		Relative DOPs Yes		HDOP max 1.6			
		Total GPS pos 6		VDOP max 2.3			
		Monitor status Not monitored		RMS 14.8			
		Horz SD		Vert SD			
		Start wk 1554 sec 593541.4		End wk 1554 sec 593546.4			
GPSQC2	NM	Ttl satellites 6		Err Scale 0.0080417115			
		VCV xx 0.00017088		VCV xy 0.000145393			
		VCV xz -0.000179231		VCV yy 0.0003541524			
		VCV yz -0.0002110222		VCV zz 0.0003310143			
GPSVEC	TP	Point ID 45841		DX -6692.824		DY 1561.652	
		Class Normal		DZ -1863.428		Code PS	
		Obs L1 Fixed		H.pr 0.042		V.pr 0.059	

GPSQC1	NM	Min SVs	6	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	14.5
		Horz SD		Vert SD	
		Start wk 1554 sec 593579.8		End wk 1554 sec 593584.8	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0079083117
		VCV xx	0.0001615997	VCV xy	0.0001354781
		VCV xz	-0.0001677177	VCV yy	0.0003455675
		VCV yz	-0.0001981408	VCV zz	0.0003145527
GPSVEC	TP	Point ID 45842	DX -6681.622	DY	1552.847
		Class Normal	DZ -1867.447	Code PS	
		Obs L1 Fixed	H.pr 0.042	V.pr	0.059
GPSQC1	NM	Min SVs	6	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	12.8
		Horz SD		Vert SD	
		Start wk 1554 sec 593599.0		End wk 1554 sec 593604.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0079123713
		VCV xx	0.0001622832	VCV xy	0.0001358796
		VCV xz	-0.0001674062	VCV yy	0.0003460821
		VCV yz	-0.0001970376	VCV zz	0.0003115961
GPSVEC	TP	Point ID 45843	DX -6668.084	DY	1575.290
		Class Normal	DZ -1848.715	Code R-104-PS	
		Obs L1 Fixed	H.pr 0.042	V.pr	0.059
GPSQC1	NM	Min SVs	6	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	14.5
		Horz SD		Vert SD	
		Start wk 1554 sec 593629.0		End wk 1554 sec 593634.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0079106512
		VCV xx	0.0001627869	VCV xy	0.0001359246
		VCV xz	-0.0001663201	VCV yy	0.0003464005
		VCV yz	-0.0001947381	VCV zz	0.0003064191
GPSVEC	TP	Point ID 45844	DX -6667.548	DY	1574.937
		Class Normal	DZ -1848.885	Code R-104-PS	
		Obs L1 Fixed	H.pr 0.042	V.pr	0.059
GPSQC1	NM	Min SVs	6	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1554 sec 593638.0		End wk 1554 sec 593643.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0078923749
		VCV xx	0.0001620327	VCV xy	0.0001351654
		VCV xz	-0.0001651275	VCV yy	0.0003449971
		VCV yz	-0.0001931096	VCV zz	0.0003035774
GPSVEC	TP	Point ID 45845	DX -6666.328	DY	1576.733
		Class Normal	DZ -1847.293	Code R-104-PS	
		Obs L1 Fixed	H.pr 0.042	V.pr	0.058
GPSQC1	NM	Min SVs	6	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1554 sec 593649.0		End wk 1554 sec 593654.0	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0078743314
		VCV xx	0.000161367	VCV xy	0.0001344442
		VCV xz	-0.0001639187	VCV yy	0.0003437967
		VCV yz	-0.0001914105	VCV zz	0.0003005577
GPSVEC	TP	Point ID 45846	DX -6663.666	DY	1580.810
		Class Normal	DZ -1843.689	Code R-103-PS	
		Obs L1 Fixed	H.pr 0.043	V.pr	0.058
GPSQC1	NM	Min SVs	6	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.3
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1554 sec 593669.2		End wk 1554 sec 593674.2	
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0079065971
		VCV xx	0.0001628574	VCV xy	0.000135354
		VCV xz	-0.0001644108	VCV yy	0.0003472734
		VCV yz	-0.0001914485	VCV zz	0.0002999561
GPSVEC	TP	Point ID 45847	DX -6661.408	DY	1581.733
		Class Normal	DZ -1842.015	Code R-103-EXT	
		Obs L1 Fixed	H.pr 0.043	V.pr	0.058
GPSQC1	NM	Min SVs	6	PDOP max	2.8
		Relative DOPs	Yes	HDOP max	1.7
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	16.3
		Horz SD		Vert SD	
		Start wk 1554 sec 593717.8		End wk 1554 sec 593723.6	

GPSQC2	NM	Ttl satellites 6		Err Scale	0.0078990376
		VCV xx 0.0001628932		VCV xy	0.000134453
		VCV xz -0.0001619148		VCV yy	0.0003486496
		VCV yz -0.0001873044		VCV zz	0.0002921596
GPSVEC	TP	Point ID 45848	DX -6663.145	DY	1583.025
		Class Normal	DZ -1841.361	Code	R-103-EXT
		Obs L1 Fixed	H.pr 0.043	V.pr	0.058
GPSQC1	NM	Min SVs 6		PDOP max	2.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	16.2
		Horz SD		Vert SD	
		Start wk 1554 sec 593730.6		End wk 1554 sec 593735.6	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0079015661
		VCV xx 0.0001629721		VCV xy	0.0001342879
		VCV xz -0.0001614122		VCV yy	0.0003495819
		VCV yz -0.0001864771		VCV zz	0.0002906653
GPSVEC	TP	Point ID 45849	DX -6664.654	DY	1584.375
		Class Normal	DZ -1840.680	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.043	V.pr	0.058
GPSQC1	NM	Min SVs 6		PDOP max	2.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	12.8
		Horz SD		Vert SD	
		Start wk 1554 sec 593763.8		End wk 1554 sec 593768.8	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0079113115
		VCV xx 0.0001634895		VCV xy	0.0001340496
		VCV xz -0.0001603201		VCV yy	0.0003522093
		VCV yz -0.0001844958		VCV zz	0.0002870101
GPSVEC	TP	Point ID 45850	DX -6675.781	DY	1593.527
		Class Normal	DZ -1835.593	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.044	V.pr	0.058
GPSQC1	NM	Min SVs 6		PDOP max	2.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	16.3
		Horz SD		Vert SD	
		Start wk 1554 sec 593783.8		End wk 1554 sec 593788.8	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0079483967
		VCV xx 0.0001650459		VCV xy	0.0001349131
		VCV xz -0.0001608691		VCV yy	0.0003568811
		VCV yz -0.000184722		VCV zz	0.0002870798
GPSVEC	TP	Point ID 45851	DX -6676.625	DY	1593.351
		Class Normal	DZ -1836.390	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.044	V.pr	0.057
GPSQC1	NM	Min SVs 6		PDOP max	2.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	14.6
		Horz SD		Vert SD	
		Start wk 1554 sec 593802.8		End wk 1554 sec 593807.8	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0079307565
		VCV xx 0.0001643523		VCV xy	0.0001339574
		VCV xz -0.0001593029		VCV yy	0.0003566182
		VCV yz -0.0001825482		VCV zz	0.0002834803
GPSVEC	TP	Point ID 45852	DX -6677.179	DY	1595.365
		Class Normal	DZ -1834.154	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.043	V.pr	0.057
GPSQC1	NM	Min SVs 6		PDOP max	2.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 7		VDOP max	2.2
		Monitor status Not monitored		RMS	16.3
		Horz SD		Vert SD	
		Start wk 1554 sec 593821.2		End wk 1554 sec 593827.0	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0078943251
		VCV xx 0.0001628912		VCV xy	0.0001323833
		VCV xz -0.000157036		VCV yy	0.0003546279
		VCV yz -0.0001795834		VCV zz	0.0002786927
GPSVEC	TP	Point ID 45853	DX -6681.479	DY	1600.696
		Class Normal	DZ -1829.919	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.044	V.pr	0.057
GPSQC1	NM	Min SVs 6		PDOP max	2.8
		Relative DOPs Yes		HDOP max	1.7
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	16.5
		Horz SD		Vert SD	
		Start wk 1554 sec 593840.0		End wk 1554 sec 593845.2	
GPSQC2	NM	Ttl satellites 6		Err Scale	0.0078932028
		VCV xx 0.0001628712		VCV xy	0.0001319985
		VCV xz -0.0001561822		VCV yy	0.0003559558
		VCV yz -0.0001782701		VCV zz	0.000276479

GPSVEC	TP	Point ID 45854	DX -6682.614	DY 1600.648
		Class Normal	DZ -1830.728	Code TOE-PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 16.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 593856.2	End wk 1554 sec 593861.2	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0078748185	
		VCV xx 0.000162163	VCV xy 0.0001310975	
		VCV xz -0.0001547798	VCV yy 0.0003555622	
		VCV yz -0.0001763693	VCV zz 0.0002733921	
GPSVEC	TP	Point ID 45855	DX -6688.447	DY 1610.663
		Class Normal	DZ -1822.055	Code EXT-TN
		Obs L1 Fixed	H.pr 0.044	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 13.0	
		Horz SD	Vert SD	
		Start wk 1554 sec 593876.2	End wk 1554 sec 593881.2	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.007897391	
		VCV xx 0.0001631669	VCV xy 0.0001314951	
		VCV xz -0.0001548168	VCV yy 0.0003593243	
		VCV yz -0.0001760386	VCV zz 0.0002727041	
GPSVEC	TP	Point ID 45856	DX -6688.851	DY 1611.055
		Class Normal	DZ -1821.831	Code EXT-PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.057
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 593891.2	End wk 1554 sec 593896.2	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0078848489	
		VCV xx 0.0001627426	VCV xy 0.0001308409	
		VCV xz -0.0001537479	VCV yy 0.0003594095	
		VCV yz -0.0001745357	VCV zz 0.0002702681	
GPSVEC	TP	Point ID 45857	DX -6689.256	DY 1611.048
		Class Normal	DZ -1822.136	Code TOE-PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.056
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 16.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 593908.2	End wk 1554 sec 593913.2	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0078687305	
		VCV xx 0.0001621824	VCV xy 0.0001300385	
		VCV xz -0.0001524597	VCV yy 0.0003594631	
		VCV yz -0.0001727557	VCV zz 0.0002673929	
GPSVEC	TP	Point ID 45858	DX -6698.943	DY 1625.905
		Class Normal	DZ -1809.167	Code EXT-TN
		Obs L1 Fixed	H.pr 0.044	V.pr 0.056
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 593931.6	End wk 1554 sec 593937.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.007873835	
		VCV xx 0.0001626164	VCV xy 0.0001298622	
		VCV xz -0.0001517594	VCV yy 0.0003621724	
		VCV yz -0.0001714854	VCV zz 0.0002652602	
GPSVEC	TP	Point ID 45859	DX -6699.171	DY 1626.128
		Class Normal	DZ -1809.017	Code EXT-PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.056
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 593944.6	End wk 1554 sec 593949.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0078631565	
		VCV xx 0.0001622327	VCV xy 0.0001293086	
		VCV xz -0.0001508667	VCV yy 0.0003624565	
		VCV yz -0.0001702605	VCV zz 0.0002633045	
NOTE	TS	Time Date 10/24/2009 Time 16:59:29		
GPSVEC	TP	Point ID 45860	DX -6699.822	DY 1626.063
		Class Normal	DZ -1809.521	Code TOE-PS
		Obs L1 Fixed	H.pr 0.039	V.pr 0.054

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GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.1
Horz SD Vert SD
Start wk 1554 sec 593979.8 End wk 1554 sec 593984.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0082277162
VCV xx 0.0001384778 VCV xy 0.0001093129
VCV xz -0.0001127277 VCV yy 0.0003494535
VCV yz -0.0001381788 VCV zz 0.0002029983

GPSVEC TP Point ID 45861 DX -6704.812 DY 1624.454
Class Normal DZ -1811.484 Code DS-25\R-107-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 594010.8 End wk 1554 sec 594016.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081865061
VCV xx 0.0001382651 VCV xy 0.000108816
VCV xz -0.0001113902 VCV yy 0.0003520287
VCV yz -0.0001365224 VCV zz 0.0001999152

GPSVEC TP Point ID 45862 DX -6708.894 DY 1623.385
Class Normal DZ -1813.214 Code DS-25\R-107-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1554 sec 594024.0 End wk 1554 sec 594029.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081765335
VCV xx 0.0001383063 VCV xy 0.0001087259
VCV xz -0.0001109538 VCV yy 0.0003536345
VCV yz -0.0001360051 VCV zz 0.0001989012

GPSVEC TP Point ID 45863 DX -6702.231 DY 1615.089
Class Normal DZ -1820.268 Code P-94
Obs L1 Fixed H.pr 0.039 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 13.4
Horz SD Vert SD
Start wk 1554 sec 594072.2 End wk 1554 sec 594077.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081039174
VCV xx 0.0001374995 VCV xy 0.0001075972
VCV xz -0.0001084286 VCV yy 0.0003567771
VCV yz -0.0001330049 VCV zz 0.0001934362

GPSVEC TP Point ID 45864 DX -6712.788 DY 1629.216
Class Normal DZ -1808.412 Code P-96
Obs L1 Fixed H.pr 0.039 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1554 sec 594090.4 End wk 1554 sec 594095.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080271019
VCV xx 0.0001355222 VCV xy 0.0001058757
VCV xz -0.000106195 VCV yy 0.0003537754
VCV yz -0.0001303124 VCV zz 0.0001891498

GPSVEC TP Point ID 45865 DX -6709.361 DY 1641.202
Class Normal DZ -1796.312 Code EXT-TN
Obs L1 Fixed H.pr 0.038 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 7 VDOP max 2.0
Monitor status Not monitored RMS 14.4
Horz SD Vert SD
Start wk 1554 sec 594118.8 End wk 1554 sec 594124.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0078107771
VCV xx 0.0001233242 VCV xy 0.0000932897
VCV xz -0.0000953526 VCV yy 0.0003450813
VCV yz -0.0001192942 VCV zz 0.0001790526

GPSVEC TP Point ID 45866 DX -6709.369 DY 1641.239
Class Normal DZ -1796.282 Code EXT-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1554 sec 594130.6 End wk 1554 sec 594135.6

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0078182565
          VCV xx 0.0001245803 VCV xy 0.0000945704
          VCV xz -0.0000959617 VCV yy 0.0003472219
          VCV yz -0.0001198054 VCV zz 0.0001786501

GPSVEC TP Point ID 45867 DX -6710.019 DY 1641.102
          Class Normal DZ -1796.792 Code TOE-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 14.4
          Horz SD Vert SD
          Start wk 1554 sec 594150.8 End wk 1554 sec 594155.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.007805177
          VCV xx 0.0001258961 VCV xy 0.0000959815
          VCV xz -0.0000963286 VCV yy 0.0003488468
          VCV yz -0.000119876 VCV zz 0.0001770251

GPSVEC TP Point ID 45868 DX -6719.213 DY 1656.371
          Class Normal DZ -1783.344 Code EXT-TN
          Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 12.7
          Horz SD Vert SD
          Start wk 1554 sec 594172.8 End wk 1554 sec 594177.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0078244144
          VCV xx 0.000128096 VCV xy 0.0000980016
          VCV xz -0.0000972482 VCV yy 0.0003540742
          VCV yz -0.000120757 VCV zz 0.0001766631

GPSVEC TP Point ID 45869 DX -6719.327 DY 1656.498
          Class Normal DZ -1783.284 Code EXT-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 14.4
          Horz SD Vert SD
          Start wk 1554 sec 594186.8 End wk 1554 sec 594191.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077945907
          VCV xx 0.0001279049 VCV xy 0.0000979858
          VCV xz -0.000096651 VCV yy 0.0003537031
          VCV yz -0.0001199196 VCV zz 0.0001746362

GPSVEC TP Point ID 45870 DX -6720.171 DY 1656.379
          Class Normal DZ -1783.874 Code TOE-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 16.1
          Horz SD Vert SD
          Start wk 1554 sec 594206.8 End wk 1554 sec 594212.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077765463
          VCV xx 0.0001283769 VCV xy 0.0000984719
          VCV xz -0.0000963362 VCV yy 0.0003555438
          VCV yz -0.00011944 VCV zz 0.0001728975

GPSVEC TP Point ID 45871 DX -6729.453 DY 1671.671
          Class Normal DZ -1770.420 Code EXT-TN\PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 12.5
          Horz SD Vert SD
          Start wk 1554 sec 594232.0 End wk 1554 sec 594237.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077599245
          VCV xx 0.000128901 VCV xy 0.0000989452
          VCV xz -0.0000958791 VCV yy 0.0003582909
          VCV yz -0.0001188367 VCV zz 0.000170911

GPSVEC TP Point ID 45872 DX -6730.179 DY 1671.680
          Class Normal DZ -1770.786 Code TOE-PS
          Obs L1 Fixed H.pr 0.036 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.5
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 16.0
          Horz SD Vert SD
          Start wk 1554 sec 594247.2 End wk 1554 sec 594252.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
          VCV xx 0.0001288433 VCV xy 0.0000989338
          VCV xz -0.00009532 VCV yy 0.0003595193
          VCV yz -0.0001181837 VCV zz 0.000169358
    
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GPSVEC	TP	Point ID 45873	DX -6739.828	DY 1687.068
		Class Normal	DZ -1757.568	Code SCRAP-EXT
		Obs L1 Fixed	H.pr 0.036	V.pr 0.054
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 12.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 594274.2	End wk 1554 sec 594279.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0001290292	VCV xy 0.0000990268	
		VCV xz -0.0000945564	VCV yy 0.0003621368	
		VCV yz -0.0001172788	VCV zz 0.0001671632	
GPSVEC	TP	Point ID 45874	DX -6740.877	DY 1686.983
		Class Normal	DZ -1758.169	Code SCRAP-TOE
		Obs L1 Fixed	H.pr 0.036	V.pr 0.054
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 12.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 594292.4	End wk 1554 sec 594297.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0001285875	VCV xy 0.0000986485	
		VCV xz -0.0000936119	VCV yy 0.0003628964	
		VCV yz -0.0001161843	VCV zz 0.0001650326	
GPSVEC	TP	Point ID 45875	DX -6856.814	DY 1597.543
		Class Normal	DZ -1855.587	Code R-128-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.054
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 14.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 594438.0	End wk 1554 sec 594443.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0078183161	
		VCV xx 0.0001359981	VCV xy 0.0001036531	
		VCV xz -0.0000939563	VCV yy 0.0004031702	
		VCV yz -0.0001176241	VCV zz 0.0001633438	
GPSVEC	TP	Point ID 45876	DX -6858.654	DY 1597.448
		Class Normal	DZ -1856.765	Code R-128-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.054
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 14.3	
		Horz SD	Vert SD	
		Start wk 1554 sec 594452.0	End wk 1554 sec 594457.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077770259	
		VCV xx 0.000134707	VCV xy 0.000102626	
		VCV xz -0.0000926431	VCV yy 0.0004016843	
		VCV yz -0.0001161054	VCV zz 0.0001609377	
GPSVEC	TP	Point ID 45877	DX -6857.176	DY 1596.710
		Class Normal	DZ -1856.816	Code R-128-PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.054
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 14.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 594462.2	End wk 1554 sec 594467.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077714869	
		VCV xx 0.0001345504	VCV xy 0.0001025035	
		VCV xz -0.0000922209	VCV yy 0.0004032367	
		VCV yz -0.0001157009	VCV zz 0.0001601204	
GPSVEC	TP	Point ID 45878	DX -6848.224	DY 1582.752
		Class Normal	DZ -1868.557	Code R-127-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.055
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 594482.2	End wk 1554 sec 594487.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0001332879	VCV xy 0.0001014384	
		VCV xz -0.000090739	VCV yy 0.0004023555	
		VCV yz -0.0001140051	VCV zz 0.0001573745	
GPSVEC	TP	Point ID 45879	DX -6846.999	DY 1582.204
		Class Normal	DZ -1868.539	Code R-127-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.055

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GPSQC1 NM Min SVs 7 PDOP max 2.6
Relative DOPs Yes HDOP max 1.6
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 12.6
Horz SD Vert SD
Start wk 1554 sec 594493.4 End wk 1554 sec 594499.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0001322512 VCV xy 0.0001006161
VCV xz -0.0000896805 VCV yy 0.0004012578
VCV yz -0.0001127918 VCV zz 0.0001554478

GPSVEC TP Point ID 45880 DX -6848.871 DY 1582.107
Class Normal DZ -1869.754 Code R-127-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 2.6
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1554 sec 594504.4 End wk 1554 sec 594509.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0001315803 VCV xy 0.0001000777
VCV xz -0.0000889057 VCV yy 0.0004011006
VCV yz -0.0001119267 VCV zz 0.0001540251

GPSVEC TP Point ID 45881 DX -6817.796 DY 1567.750
Class Normal DZ -1872.967 Code P-91
Obs L1 Fixed H.pr 0.038 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 12.3
Horz SD Vert SD
Start wk 1554 sec 594565.8 End wk 1554 sec 594570.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0001314596 VCV xy 0.0000997007
VCV xz -0.0000868681 VCV yy 0.0004103046
VCV yz -0.000109996 VCV zz 0.0001500404

GPSVEC TP Point ID 45882 DX -6831.050 DY 1567.329
Class Normal DZ -1877.567 Code R-126-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 12.2
Horz SD Vert SD
Start wk 1554 sec 594589.0 End wk 1554 sec 594594.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001217967 VCV xy 0.000092879
VCV xz -0.0000725174 VCV yy 0.0004071305
VCV yz -0.0000995686 VCV zz 0.0001281412

GPSVEC TP Point ID 45883 DX -6831.950 DY 1567.821
Class Normal DZ -1877.483 Code R-126-S
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1554 sec 594603.0 End wk 1554 sec 594608.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001216626 VCV xy 0.0000928158
VCV xz -0.0000721078 VCV yy 0.0004091212
VCV yz -0.0000992437 VCV zz 0.0001273506

GPSVEC TP Point ID 45884 DX -6835.419 DY 1567.671
Class Normal DZ -1879.711 Code R-126-S
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 12.1
Horz SD Vert SD
Start wk 1554 sec 594614.2 End wk 1554 sec 594619.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001210232 VCV xy 0.0000923668
VCV xz -0.0000714711 VCV yy 0.0004089624
VCV yz -0.0000985648 VCV zz 0.0001261802

GPSVEC TP Point ID 45885 DX -6836.360 DY 1567.286
Class Normal DZ -1880.696 Code R-126-S
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.1
Horz SD Vert SD
Start wk 1554 sec 594625.2 End wk 1554 sec 594630.2

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001208818 VCV xy 0.0000922982
VCV xz -0.0000711227 VCV yy 0.0004104898
VCV yz -0.0000982916 VCV zz 0.0001255227

GPSVEC TP Point ID 45886 DX -6836.667 DY 1566.893
Class Normal DZ -1881.379 Code R-126-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.1
Horz SD Vert SD
Start wk 1554 sec 594639.4 End wk 1554 sec 594644.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001201623 VCV xy 0.0000917897
VCV xz -0.0000703431 VCV yy 0.0004105287
VCV yz -0.0000974911 VCV zz 0.0001240969

GPSVEC TP Point ID 45887 DX -6838.967 DY 1562.434
Class Normal DZ -1888.287 Code R-126-S
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 12.3
Horz SD Vert SD
Start wk 1554 sec 594653.4 End wk 1554 sec 594658.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001202732 VCV xy 0.000091946
VCV xz -0.0000700228 VCV yy 0.0004137366
VCV yz -0.0000973808 VCV zz 0.0001234847

GPSVEC TP Point ID 45888 DX -6839.020 DY 1561.947
Class Normal DZ -1888.911 Code R-126-S
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.0
Horz SD Vert SD
Start wk 1554 sec 594663.4 End wk 1554 sec 594668.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001198782 VCV xy 0.000091679
VCV xz -0.0000695312 VCV yy 0.0004142303
VCV yz -0.0000969136 VCV zz 0.0001225895

GPSVEC TP Point ID 45889 DX -6838.688 DY 1561.133
Class Normal DZ -1889.706 Code R-126-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 12.2
Horz SD Vert SD
Start wk 1554 sec 594675.6 End wk 1554 sec 594680.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001188499 VCV xy 0.0000909011
VCV xz -0.0000686083 VCV yy 0.0004126981
VCV yz -0.0000958684 VCV zz 0.0001209312

GPSVEC TP Point ID 45890 DX -6837.694 DY 1560.573
Class Normal DZ -1889.790 Code R-126-S
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 12.0
Horz SD Vert SD
Start wk 1554 sec 594688.6 End wk 1554 sec 594693.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001182147 VCV xy 0.0000904542
VCV xz -0.0000678937 VCV yy 0.0004128352
VCV yz -0.0000951604 VCV zz 0.000119642

GPSVEC TP Point ID 45891 DX -6832.145 DY 1560.852
Class Normal DZ -1886.242 Code R-126-S
Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.4
Horz SD Vert SD
Start wk 1554 sec 594701.8 End wk 1554 sec 594707.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001182086 VCV xy 0.0000904907
VCV xz -0.0000675425 VCV yy 0.000415182
VCV yz -0.0000949645 VCV zz 0.0001189969
    
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GPSVEC	TP	Point ID 45892	DX -6829.148	DY 1561.531
		Class Normal	DZ -1883.697	Code R-126-S
		Obs L1 Fixed	H.pr 0.038	V.pr 0.053
GPSQC1	NM	Min SVs 8	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 594714.0	End wk 1554 sec 594719.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0077459668	
		VCV xx 0.0001184167	VCV xy 0.000090732	
		VCV xz -0.0000673346	VCV yy 0.000418505	
		VCV yz -0.0000949915	VCV zz 0.0001186045	
GPSVEC	TP	Point ID 45893	DX -6828.315	DY 1561.961
		Class Normal	DZ -1882.695	Code R-126-S
		Obs L1 Fixed	H.pr 0.038	V.pr 0.053
GPSQC1	NM	Min SVs 8	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 11.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 594726.0	End wk 1554 sec 594731.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0077459668	
		VCV xx 0.0001173357	VCV xy 0.0000899162	
		VCV xz -0.0000664244	VCV yy 0.0004165969	
		VCV yz -0.0000939446	VCV zz 0.0001169862	
GPSVEC	TP	Point ID 45894	DX -6828.397	DY 1562.702
		Class Normal	DZ -1881.769	Code R-126-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.053
GPSQC1	NM	Min SVs 8	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 594738.0	End wk 1554 sec 594743.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0077459668	
		VCV xx 0.00011698	VCV xy 0.0000896968	
		VCV xz -0.0000659212	VCV yy 0.0004176151	
		VCV yz -0.0000935128	VCV zz 0.0001160824	
GPSVEC	TP	Point ID 45895	DX -6827.903	DY 1555.321
		Class Normal	DZ -1890.620	Code P-90
		Obs L1 Fixed	H.pr 0.038	V.pr 0.053
GPSQC1	NM	Min SVs 8	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 13.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 594756.2	End wk 1554 sec 594761.2	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0077459668	
		VCV xx 0.0001169062	VCV xy 0.0000897032	
		VCV xz -0.0000654012	VCV yy 0.0004206563	
		VCV yz -0.0000932112	VCV zz 0.0001151476	
GPSVEC	TP	Point ID 45896	DX -6802.498	DY 1532.830
		Class Normal	DZ -1903.353	Code R-109-PS
		Obs L1 Fixed	H.pr 0.049	V.pr 0.068
GPSQC1	NM	Min SVs 7	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 15.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 594789.2	End wk 1554 sec 594794.2	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0095818806	
		VCV xx 0.0001485152	VCV xy 0.0001057372	
		VCV xz -0.0000803927	VCV yy 0.0005956566	
		VCV yz -0.0001198673	VCV zz 0.0001575966	
GPSVEC	TP	Point ID 45897	DX -6805.000	DY 1533.495
		Class Normal	DZ -1903.998	Code R-109-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.053
GPSQC1	NM	Min SVs 8	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 11.9	
		Horz SD	Vert SD	
		Start wk 1554 sec 594799.4	End wk 1554 sec 594804.4	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0077459668	
		VCV xx 0.0001162447	VCV xy 0.0000890655	
		VCV xz -0.0000639993	VCV yy 0.0004279525	
		VCV yz -0.0000923511	VCV zz 0.0001131003	
GPSVEC	TP	Point ID 45898	DX -6804.180	DY 1531.413
		Class Normal	DZ -1906.121	Code R-109-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.054

GPSQC1	NM	Min SVs	7	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	10.5
		Horz SD		Vert SD	
		Start wk 1554 sec	594810.4	End wk 1554 sec	594815.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0001256368	VCV xy	0.000100062
		VCV xz	-0.000069498	VCV yy	0.0004425263
		VCV yz	-0.0000988989	VCV zz	0.000116018
GPSVEC	TP	Point ID 45899	DX -6812.853	DY	1536.988
		Class Normal	DZ -1904.437	Code	DS-26\R-101-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.7
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	21.3
		Horz SD		Vert SD	
		Start wk 1554 sec	594840.4	End wk 1554 sec	594845.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0077459668
		VCV xx	0.0001077167	VCV xy	0.0000798081
		VCV xz	-0.0000575374	VCV yy	0.0004227072
		VCV yz	-0.0000855883	VCV zz	0.0001072595
GPSVEC	TP	Point ID 45900	DX -6817.699	DY	1539.071
		Class Normal	DZ -1904.684	Code	DS-26\R-101-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.5
		Horz SD		Vert SD	
		Start wk 1554 sec	594857.4	End wk 1554 sec	594862.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0077459668
		VCV xx	0.0001090011	VCV xy	0.0000814903
		VCV xz	-0.0000579508	VCV yy	0.0004266161
		VCV yz	-0.0000862778	VCV zz	0.0001067764
GPSVEC	TP	Point ID 45901	DX -6817.120	DY	1539.421
		Class Normal	DZ -1903.899	Code	DS-28\R-102-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.2
		Horz SD		Vert SD	
		Start wk 1554 sec	594875.6	End wk 1554 sec	594880.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0077459668
		VCV xx	0.0001103549	VCV xy	0.0000831985
		VCV xz	-0.0000583457	VCV yy	0.0004318707
		VCV yz	-0.0000870755	VCV zz	0.0001064263
GPSVEC	TP	Point ID 45902	DX -6812.959	DY	1537.572
		Class Normal	DZ -1903.745	Code	DS-28\R-102-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.5
		Horz SD		Vert SD	
		Start wk 1554 sec	594889.6	End wk 1554 sec	594894.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0077459668
		VCV xx	0.0001105727	VCV xy	0.0000837381
		VCV xz	-0.0000582168	VCV yy	0.0004331112
		VCV yz	-0.0000870488	VCV zz	0.0001055993
GPSVEC	TP	Point ID 45903	DX -6823.694	DY	1541.705
		Class Normal	DZ -1904.969	Code	R-132-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.053
GPSQC1	NM	Min SVs	8	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.5
		Horz SD		Vert SD	
		Start wk 1554 sec	594910.6	End wk 1554 sec	594915.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0077459668
		VCV xx	0.000111852	VCV xy	0.0000852749
		VCV xz	-0.0000584661	VCV yy	0.0004396497
		VCV yz	-0.0000878079	VCV zz	0.0001052742
GPSVEC	TP	Point ID 45904	DX -6824.647	DY	1541.223
		Class Normal	DZ -1906.158	Code	R-132-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.053
GPSQC1	NM	Min SVs	8	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.6
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.5
		Horz SD		Vert SD	
		Start wk 1554 sec	594919.8	End wk 1554 sec	594924.8

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
          VCV xx 0.0001120404 VCV xy 0.0000856203
          VCV xz -0.000058396 VCV yy 0.0004414036
          VCV yz -0.0000878787 VCV zz 0.0001049044

GPSVEC TP Point ID 45905 DX -6825.534 DY 1542.455
          Class Normal DZ -1905.176 Code R-132-PS
          Obs L1 Fixed H.pr 0.038 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 13.6
          Horz SD Vert SD
          Start wk 1554 sec 594930.8 End wk 1554 sec 594935.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
          VCV xx 0.0001115879 VCV xy 0.0000854588
          VCV xz -0.0000579593 VCV yy 0.0004407223
          VCV yz -0.0000874131 VCV zz 0.0001038808

GPSVEC TP Point ID 45906 DX -6831.667 DY 1544.756
          Class Normal DZ -1905.980 Code R-133-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 13.5
          Horz SD Vert SD
          Start wk 1554 sec 594945.8 End wk 1554 sec 594950.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
          VCV xx 0.0001120405 VCV xy 0.0000861089
          VCV xz -0.0000578911 VCV yy 0.0004446682
          VCV yz -0.0000876667 VCV zz 0.0001034517

GPSVEC TP Point ID 45907 DX -6833.533 DY 1545.475
          Class Normal DZ -1906.200 Code R-133-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 11.8
          Horz SD Vert SD
          Start wk 1554 sec 594957.8 End wk 1554 sec 594962.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
          VCV xx 0.0001116143 VCV xy 0.0000859798
          VCV xz -0.000057435 VCV yy 0.0004447329
          VCV yz -0.0000872527 VCV zz 0.000102447

GPSVEC TP Point ID 45908 DX -6844.328 DY 1549.544
          Class Normal DZ -1907.641 Code R-134-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.7
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 13.6
          Horz SD Vert SD
          Start wk 1554 sec 594975.0 End wk 1554 sec 594980.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
          VCV xx 0.0001118659 VCV xy 0.0000864177
          VCV xz -0.0000572056 VCV yy 0.0004482305
          VCV yz -0.0000873213 VCV zz 0.0001018168

GPSVEC TP Point ID 45909 DX -6845.347 DY 1549.162
          Class Normal DZ -1908.765 Code R-134-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 7 VDOP max 2.1
          Monitor status Not monitored RMS 11.8
          Horz SD Vert SD
          Start wk 1554 sec 594984.2 End wk 1554 sec 594990.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
          VCV xx 0.0001112301 VCV xy 0.0000860385
          VCV xz -0.0000567053 VCV yy 0.0004472009
          VCV yz -0.0000867664 VCV zz 0.0001008368

GPSVEC TP Point ID 45910 DX -6846.271 DY 1550.297
          Class Normal DZ -1907.892 Code R-134-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.6
          Relative DOPs Yes HDOP max 1.6
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 11.8
          Horz SD Vert SD
          Start wk 1554 sec 594997.0 End wk 1554 sec 595002.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
          VCV xx 0.0001115829 VCV xy 0.0000865038
          VCV xz -0.0000566393 VCV yy 0.0004509382
          VCV yz -0.0000870069 VCV zz 0.0001006055
    
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GPSVEC	TP	Point ID 45911	DX	-6863.440	DY	1556.856
		Class Normal	DZ	-1910.207	Code	R-135-PS
		Obs L1 Fixed	H.pr	0.039	V.pr	0.053
GPSQC1	NM	Min SVs 8		PDOP max	2.7	
		Relative DOPs Yes		HDOP max	1.6	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	11.9	
		Horz SD		Vert SD		
		Start wk 1554 sec 595019.0		End wk 1554 sec 595024.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0077459668	
		VCV xx 0.0001122678		VCV xy	0.0000872717	
		VCV xz -0.0000564928		VCV yy	0.000457339	
		VCV yz -0.0000873914		VCV zz	0.0001002055	
GPSVEC	TP	Point ID 45912	DX	-6866.104	DY	1557.030
		Class Normal	DZ	-1911.593	Code	R-135-PS
		Obs L1 Fixed	H.pr	0.039	V.pr	0.053
GPSQC1	NM	Min SVs 8		PDOP max	2.7	
		Relative DOPs Yes		HDOP max	1.6	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	11.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 595031.0		End wk 1554 sec 595036.0		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0077459668	
		VCV xx 0.000112247		VCV xy	0.0000873939	
		VCV xz -0.0000562383		VCV yy	0.0004595245	
		VCV yz -0.0000873311		VCV zz	0.0000996971	
GPSVEC	TP	Point ID 45913	DX	-6867.046	DY	1558.235
		Class Normal	DZ	-1910.674	Code	R-135-PS
		Obs L1 Fixed	H.pr	0.039	V.pr	0.053
GPSQC1	NM	Min SVs 8		PDOP max	2.7	
		Relative DOPs Yes		HDOP max	1.6	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	12.1	
		Horz SD		Vert SD		
		Start wk 1554 sec 595042.2		End wk 1554 sec 595047.2		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0077459668	
		VCV xx 0.0001122755		VCV xy	0.0000875411	
		VCV xz -0.0000560319		VCV yy	0.0004617914	
		VCV yz -0.000087321		VCV zz	0.0000992892	
GPSVEC	TP	Point ID 45914	DX	-6867.850	DY	1561.933
		Class Normal	DZ	-1906.592	Code	P-92
		Obs L1 Fixed	H.pr	0.039	V.pr	0.054
GPSQC1	NM	Min SVs 8		PDOP max	2.7	
		Relative DOPs Yes		HDOP max	1.6	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	13.9	
		Horz SD		Vert SD		
		Start wk 1554 sec 595065.4		End wk 1554 sec 595070.4		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0077459668	
		VCV xx 0.0001134615		VCV xy	0.0000887129	
		VCV xz -0.0000560888		VCV yy	0.000471266	
		VCV yz -0.0000881538		VCV zz	0.0000993392	
GPSVEC	TP	Point ID 45915	DX	-6865.627	DY	1565.225
		Class Normal	DZ	-1900.954	Code	R-131-PS
		Obs L1 Fixed	H.pr	0.040	V.pr	0.054
GPSQC1	NM	Min SVs 8		PDOP max	2.7	
		Relative DOPs Yes		HDOP max	1.6	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	15.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 595085.4		End wk 1554 sec 595090.4		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0077459668	
		VCV xx 0.0001135596		VCV xy	0.0000889125	
		VCV xz -0.000055705		VCV yy	0.000475163	
		VCV yz -0.0000881093		VCV zz	0.0000986584	
GPSVEC	TP	Point ID 45916	DX	-6867.454	DY	1565.073
		Class Normal	DZ	-1902.248	Code	R-131-PS
		Obs L1 Fixed	H.pr	0.040	V.pr	0.054
GPSQC1	NM	Min SVs 8		PDOP max	2.7	
		Relative DOPs Yes		HDOP max	1.6	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	15.8	
		Horz SD		Vert SD		
		Start wk 1554 sec 595096.4		End wk 1554 sec 595101.4		
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0077459668	
		VCV xx 0.0001131539		VCV xy	0.0000887092	
		VCV xz -0.0000552931		VCV yy	0.0004758176	
		VCV yz -0.0000877854		VCV zz	0.0000979216	
GPSVEC	TP	Point ID 45917	DX	-6867.000	DY	1565.887
		Class Normal	DZ	-1901.026	Code	R-131-PS
		Obs L1 Fixed	H.pr	0.040	V.pr	0.054

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GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos  6        VDOP max  2.2
          Monitor status Not monitored RMS       15.8
          Horz SD                    Vert SD
          Start wk 1554 sec 595107.4 End wk 1554 sec 595112.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0077459668
          VCV xx  0.0001127194      VCV xy  0.0000884799
          VCV xz  -0.0000548668      VCV yy  0.0004763431
          VCV yz  -0.0000874412      VCV zz  0.0000971654

GPSVEC TP Point ID 45918          DX  -6880.591      DY  1574.941
          Class Normal              DZ  -1898.172      Code P-93
          Obs L1 Fixed              H.pr 0.040      V.pr 0.054

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos  5        VDOP max  2.2
          Monitor status Not monitored RMS       14.0
          Horz SD                    Vert SD
          Start wk 1554 sec 595127.4 End wk 1554 sec 595133.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0077459668
          VCV xx  0.0001128808      VCV xy  0.0000887416
          VCV xz  -0.0000545061      VCV yy  0.0004809792
          VCV yz  -0.0000874875      VCV zz  0.0000965611

GPSVEC TP Point ID 45919          DX  -6875.884      DY  1579.609
          Class Normal              DZ  -1889.279      Code R-130-PS
          Obs L1 Fixed              H.pr 0.040      V.pr 0.054

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos  6        VDOP max  2.2
          Monitor status Not monitored RMS       12.1
          Horz SD                    Vert SD
          Start wk 1554 sec 595146.6 End wk 1554 sec 595151.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0077459668
          VCV xx  0.0001127803      VCV xy  0.000088821
          VCV xz  -0.0000540708      VCV yy  0.0004845
          VCV yz  -0.0000873858      VCV zz  0.0000958228

GPSVEC TP Point ID 45920          DX  -6875.610      DY  1580.487
          Class Normal              DZ  -1887.986      Code R-130-PS
          Obs L1 Fixed              H.pr 0.040      V.pr 0.054

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos  6        VDOP max  2.2
          Monitor status Not monitored RMS       13.8
          Horz SD                    Vert SD
          Start wk 1554 sec 595156.6 End wk 1554 sec 595161.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0077459668
          VCV xx  0.0001123687      VCV xy  0.000088599
          VCV xz  -0.0000536873      VCV yy  0.0004849757
          VCV yz  -0.0000870808      VCV zz  0.0000951555

GPSVEC TP Point ID 45921          DX  -6877.313      DY  1580.431
          Class Normal              DZ  -1889.137      Code R-130-PS
          Obs L1 Fixed              H.pr 0.040      V.pr 0.054

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos  6        VDOP max  2.2
          Monitor status Not monitored RMS       13.8
          Horz SD                    Vert SD
          Start wk 1554 sec 595165.8 End wk 1554 sec 595170.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0077459668
          VCV xx  0.0001130793      VCV xy  0.0000893292
          VCV xz  -0.0000538319      VCV yy  0.0004907481
          VCV yz  -0.0000877082      VCV zz  0.0000954155

GPSVEC TP Point ID 45922          DX  -6882.139      DY  1596.124
          Class Normal              DZ  -1872.670      Code R-129-PS
          Obs L1 Fixed              H.pr 0.040      V.pr 0.054

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos  6        VDOP max  2.2
          Monitor status Not monitored RMS       13.9
          Horz SD                    Vert SD
          Start wk 1554 sec 595188.0 End wk 1554 sec 595193.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0077459668
          VCV xx  0.0001133374      VCV xy  0.0000896289
          VCV xz  -0.0000534708      VCV yy  0.0004959345
          VCV yz  -0.0000878206      VCV zz  0.0000948689

GPSVEC TP Point ID 45923          DX  -6883.879      DY  1596.050
          Class Normal              DZ  -1873.867      Code R-129-PS
          Obs L1 Fixed              H.pr 0.040      V.pr 0.054

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos  6        VDOP max  2.2
          Monitor status Not monitored RMS       12.1
          Horz SD                    Vert SD
          Start wk 1554 sec 595198.0 End wk 1554 sec 595203.0
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001134047 VCV xy 0.0000898271
VCV xz -0.000053307 VCV yy 0.0004989136
VCV yz -0.0000879349 VCV zz 0.0000945934

GPSVEC TP Point ID 45924 DX -6883.399 DY 1596.913
Class Normal DZ -1872.538 Code R-129-PS
Obs L1 Fixed H.pr 0.040 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 12.1
Horz SD Vert SD
Start wk 1554 sec 595209.0 End wk 1554 sec 595214.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.000112493 VCV xy 0.0000891566
VCV xz -0.0000526732 VCV yy 0.0004969559
VCV yz -0.0000872045 VCV zz 0.000093509

GPSVEC TP Point ID 45925 DX -6892.647 DY 1600.130
Class Normal DZ -1874.380 Code P-97
Obs L1 Fixed H.pr 0.040 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 595235.0 End wk 1554 sec 595240.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001127227 VCV xy 0.0000895176
VCV xz -0.0000522353 VCV yy 0.000503416
VCV yz -0.0000873784 VCV zz 0.0000928455

GPSVEC TP Point ID 45926 DX -6893.883 DY 1611.559
Class Normal DZ -1861.207 Code R-140-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.0
Horz SD Vert SD
Start wk 1554 sec 595260.0 End wk 1554 sec 595265.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001129114 VCV xy 0.0000898465
VCV xz -0.0000518153 VCV yy 0.0005096178
VCV yz -0.0000875481 VCV zz 0.000092213

GPSVEC TP Point ID 45927 DX -6892.229 DY 1610.787
Class Normal DZ -1861.085 Code R-140-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1554 sec 595275.0 End wk 1554 sec 595280.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001125349 VCV xy 0.0000896749
VCV xz -0.0000513636 VCV yy 0.0005112913
VCV yz -0.0000873022 VCV zz 0.000091468

GPSVEC TP Point ID 45928 DX -6891.656 DY 1611.650
Class Normal DZ -1859.767 Code R-140-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1554 sec 595290.2 End wk 1554 sec 595295.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001123366 VCV xy 0.0000896431
VCV xz -0.0000509947 VCV yy 0.0005137573
VCV yz -0.000087199 VCV zz 0.0000908739

GPSVEC TP Point ID 45929 DX -6897.182 DY 1611.337
Class Normal DZ -1863.588 Code SCRAP-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.4
Horz SD Vert SD
Start wk 1554 sec 595320.4 End wk 1554 sec 595325.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0077459668
VCV xx 0.0001134374 VCV xy 0.0000907244
VCV xz -0.0000508912 VCV yy 0.000525284
VCV yz -0.0000881204 VCV zz 0.000090858
    
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GPSVEC	TP	Point ID 45930	DX -6881.498	DY 1628.520
		Class Normal	DZ -1833.666	Code SCRAP-PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.055
GPSQC1	NM	Min SVs 8	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.5	
		Horz SD	Vert SD	
		Start wk 1554 sec 595341.4	End wk 1554 sec 595346.4	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0077459668	
		VCV xx 0.0001133363	VCV xy 0.0000908016	
		VCV xz -0.0000504497	VCV yy 0.0005295053	
		VCV yz -0.0000881226	VCV zz 0.000090181	
GPSVEC	TP	Point ID 45931	DX -6912.212	DY 1594.416
		Class Normal	DZ -1893.415	Code SCRAP-PS
		Obs L1 Fixed	H.pr 0.042	V.pr 0.056
GPSQC1	NM	Min SVs 7	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.7	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 12.6	
		Horz SD	Vert SD	
		Start wk 1554 sec 595381.4	End wk 1554 sec 595386.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0001169552	VCV xy 0.0000919255	
		VCV xz -0.0000534533	VCV yy 0.0005455117	
		VCV yz -0.0000889264	VCV zz 0.000094854	
GPSVEC	TP	Point ID 45932	DX -6918.048	DY 1578.344
		Class Normal	DZ -1916.100	Code R-139-PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.057
GPSQC1	NM	Min SVs 8	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 595408.6	End wk 1554 sec 595413.6	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0078312783	
		VCV xx 0.0001132774	VCV xy 0.0000927582	
		VCV xz -0.0000474261	VCV yy 0.0005521766	
		VCV yz -0.0000899776	VCV zz 0.0000859803	
GPSVEC	TP	Point ID 45933	DX -6916.036	DY 1578.077
		Class Normal	DZ -1915.346	Code R-139-PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.057
GPSQC1	NM	Min SVs 8	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.4	
		Horz SD	Vert SD	
		Start wk 1554 sec 595418.8	End wk 1554 sec 595423.8	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0078352131	
		VCV xx 0.0001130607	VCV xy 0.0000924998	
		VCV xz -0.0000473754	VCV yy 0.0005526049	
		VCV yz -0.0000897119	VCV zz 0.0000858434	
GPSVEC	TP	Point ID 45934	DX -6916.086	DY 1577.612
		Class Normal	DZ -1915.951	Code R-139-PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.057
GPSQC1	NM	Min SVs 8	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 12.7	
		Horz SD	Vert SD	
		Start wk 1554 sec 595428.8	End wk 1554 sec 595433.8	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.007833804	
		VCV xx 0.000112678	VCV xy 0.0000921227	
		VCV xz -0.0000472298	VCV yy 0.0005523023	
		VCV yz -0.0000893347	VCV zz 0.0000855483	
GPSVEC	TP	Point ID 45935	DX -6908.643	DY 1574.626
		Class Normal	DZ -1915.189	Code R-138-PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.057
GPSQC1	NM	Min SVs 8	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.6	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 16.2	
		Horz SD	Vert SD	
		Start wk 1554 sec 595448.0	End wk 1554 sec 595453.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0078544086	
		VCV xx 0.0001126148	VCV xy 0.0000919535	
		VCV xz -0.0000471626	VCV yy 0.0005549382	
		VCV yz -0.0000891577	VCV zz 0.000085413	
GPSVEC	TP	Point ID 45936	DX -6907.846	DY 1573.479
		Class Normal	DZ -1916.112	Code R-138-PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.057

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GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos 6        VDOP max  2.2
          Monitor status Not monitored RMS       16.2
          Horz SD          Vert SD
          Start wk 1554 sec 595457.0 End wk 1554 sec 595462.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0078700474
          VCV xx  0.0001126662    VCV xy   0.0000920349
          VCV xz  -0.000047159    VCV yy   0.0005572755
          VCV yz  -0.0000892386    VCV zz   0.0000853843

GPSVEC TP Point ID 45937      DX  -6906.709      DY  1573.893
          Class Normal          DZ  -1915.002      Code R-138-PS
          Obs L1 Fixed          H.pr 0.041      V.pr 0.057

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos 6        VDOP max  2.2
          Monitor status Not monitored RMS       16.2
          Horz SD          Vert SD
          Start wk 1554 sec 595467.0 End wk 1554 sec 595472.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0078538433
          VCV xx  0.000111873      VCV xy   0.0000913329
          VCV xz  -0.0000467689    VCV yy   0.0005548243
          VCV yz  -0.0000885594    VCV zz   0.0000846973

GPSVEC TP Point ID 45938      DX  -6887.854      DY  1566.587
          Class Normal          DZ  -1912.886      Code R-137-PS
          Obs L1 Fixed          H.pr 0.041      V.pr 0.057

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos 6        VDOP max  2.2
          Monitor status Not monitored RMS       13.1
          Horz SD          Vert SD
          Start wk 1554 sec 595494.2 End wk 1554 sec 595499.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0078991717
          VCV xx  0.0001121589    VCV xy   0.0000914885
          VCV xz  -0.0000466458    VCV yy   0.0005608766
          VCV yz  -0.0000887336    VCV zz   0.0000845688

GPSVEC TP Point ID 45939      DX  -6886.903      DY  1565.416
          Class Normal          DZ  -1913.778      Code R-137-PS
          Obs L1 Fixed          H.pr 0.041      V.pr 0.057

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos 6        VDOP max  2.2
          Monitor status Not monitored RMS       16.6
          Horz SD          Vert SD
          Start wk 1554 sec 595505.2 End wk 1554 sec 595510.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0079067172
          VCV xx  0.0001119227    VCV xy   0.0000913221
          VCV xz  -0.0000464519    VCV yy   0.000561941
          VCV yz  -0.0000885914    VCV zz   0.0000842443

GPSVEC TP Point ID 45940      DX  -6885.775      DY  1565.791
          Class Normal          DZ  -1912.690      Code R-137-PS
          Obs L1 Fixed          H.pr 0.041      V.pr 0.057

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos 6        VDOP max  2.2
          Monitor status Not monitored RMS       14.8
          Horz SD          Vert SD
          Start wk 1554 sec 595514.4 End wk 1554 sec 595519.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0079250205
          VCV xx  0.0001119783    VCV xy   0.0000914479
          VCV xz  -0.0000463936    VCV yy   0.0005645165
          VCV yz  -0.0000887364    VCV zz   0.0000841502

GPSVEC TP Point ID 45941      DX  -6883.057      DY  1564.717
          Class Normal          DZ  -1912.399      Code R-136-PS
          Obs L1 Fixed          H.pr 0.041      V.pr 0.057

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos 5        VDOP max  2.2
          Monitor status Not monitored RMS       16.4
          Horz SD          Vert SD
          Start wk 1554 sec 595531.4 End wk 1554 sec 595536.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0079131229
          VCV xx  0.0001110631    VCV xy   0.0000906317
          VCV xz  -0.0000458124    VCV yy   0.000562481
          VCV yz  -0.0000879808    VCV zz   0.0000832036

GPSVEC TP Point ID 45942      DX  -6881.051      DY  1563.915
          Class Normal          DZ  -1912.143      Code R-136-PS
          Obs L1 Fixed          H.pr 0.041      V.pr 0.057

GPSQC1 NM Min SVs      8          PDOP max  2.7
          Relative DOPs Yes      HDOP max  1.6
          Total GPS pos 6        VDOP max  2.2
          Monitor status Not monitored RMS       12.8
          Horz SD          Vert SD
          Start wk 1554 sec 595542.6 End wk 1554 sec 595547.6
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0079240827
VCV xx 0.0001108082 VCV xy 0.0000904999
VCV xz -0.0000455758 VCV yy 0.0005639605
VCV yz -0.0000878929 VCV zz 0.0000828159

GPSVEC TP Point ID 45943 DX -6881.061 DY 1564.397
Class Normal DZ -1911.614 Code R-136-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.057

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1554 sec 595556.6 End wk 1554 sec 595561.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0079586925
VCV xx 0.0001111872 VCV xy 0.0000908322
VCV xz -0.0000455422 VCV yy 0.0005686511
VCV yz -0.0000882662 VCV zz 0.0000828454

GPSVEC TP Point ID 45944 DX -6937.587 DY 1575.065
Class Normal DZ -1931.275 Code P-81
Obs L1 Fixed H.pr 0.042 V.pr 0.058

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.0
Horz SD Vert SD
Start wk 1554 sec 595615.0 End wk 1554 sec 595620.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081363991
VCV xx 0.0001136819 VCV xy 0.0000928917
VCV xz -0.0000456452 VCV yy 0.0005926934
VCV yz -0.0000905655 VCV zz 0.0000835388

GPSVEC TP Point ID 45945 DX -6920.905 DY 1561.345
Class Normal DZ -1938.022 Code P-80
Obs L1 Fixed H.pr 0.042 V.pr 0.058

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.3
Horz SD Vert SD
Start wk 1554 sec 595635.4 End wk 1554 sec 595640.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081462674
VCV xx 0.0001122924 VCV xy 0.0000940555
VCV xz -0.0000431151 VCV yy 0.0005970474
VCV yz -0.0000923597 VCV zz 0.0000797943

GPSVEC TP Point ID 45946 DX -6897.886 DY 1547.572
Class Normal DZ -1941.417 Code P-79
Obs L1 Fixed H.pr 0.042 V.pr 0.058

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.6
Horz SD Vert SD
Start wk 1554 sec 595657.6 End wk 1554 sec 595663.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082001528
VCV xx 0.0001128584 VCV xy 0.0000940169
VCV xz -0.0000434404 VCV yy 0.0006029371
VCV yz -0.0000923707 VCV zz 0.0000803992

GPSVEC TP Point ID 45947 DX -6880.562 DY 1538.020
Class Normal DZ -1943.072 Code P-78
Obs L1 Fixed H.pr 0.042 V.pr 0.058

GPSQC1 NM Min SVs 8 PDOP max 2.7
Relative DOPs Yes HDOP max 1.6
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.7
Horz SD Vert SD
Start wk 1554 sec 595675.4 End wk 1554 sec 595680.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082187327
VCV xx 0.0001126678 VCV xy 0.0000935923
VCV xz -0.000043372 VCV yy 0.0006044696
VCV yz -0.0000920263 VCV zz 0.0000803304

GPSVEC TP Point ID 45948 DX -6859.687 DY 1527.455
Class Normal DZ -1943.972 Code P-77
Obs L1 Fixed H.pr 0.044 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 3.0
Relative DOPs Yes HDOP max 1.8
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 8.4
Horz SD Vert SD
Start wk 1554 sec 595709.6 End wk 1554 sec 595714.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0001174204 VCV xy 0.000099383
VCV xz -0.0000455398 VCV yy 0.0006232376
VCV yz -0.0000954461 VCV zz 0.0000819226
    
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GPSVEC TP Point ID 45949      DX  -6840.580      DY  1517.032
        Class Normal      DZ  -1945.619      Code P-76
        Obs L1 Fixed      H.pr 0.042      V.pr 0.058

GPSQC1 NM Min SVs          8      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.6
        Total GPS pos 6      VDOP max 2.1
        Monitor status Not monitored      RMS 13.5
        Horz SD      Vert SD
        Start wk 1554 sec 595740.0      End wk 1554 sec 595745.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0082860542
        VCV xx 0.0001081026      VCV xy 0.0000848197
        VCV xz -0.0000403457      VCV yy 0.0006122303
        VCV yz -0.0000885234      VCV zz 0.0000796698

GPSVEC TP Point ID 45950      DX  -6825.319      DY  1508.312
        Class Normal      DZ  -1947.234      Code P-75
        Obs L1 Fixed      H.pr 0.042      V.pr 0.058

GPSQC1 NM Min SVs          8      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.6
        Total GPS pos 6      VDOP max 2.1
        Monitor status Not monitored      RMS 13.6
        Horz SD      Vert SD
        Start wk 1554 sec 595757.0      End wk 1554 sec 595762.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083131818
        VCV xx 0.0001087848      VCV xy 0.0000860972
        VCV xz -0.0000406137      VCV yy 0.0006143576
        VCV yz -0.0000890323      VCV zz 0.0000793845

NOTE TS Time Date 10/24/2009 Time 17:29:33

GPSVEC TP Point ID 45951      DX  -6810.215      DY  1500.201
        Class Normal      DZ  -1948.143      Code R-114-PS
        Obs L1 Fixed      H.pr 0.043      V.pr 0.058

GPSQC1 NM Min SVs          8      PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.6
        Total GPS pos 6      VDOP max 2.1
        Monitor status Not monitored      RMS 14.0
        Horz SD      Vert SD
        Start wk 1554 sec 595783.2      End wk 1554 sec 595788.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083829584
        VCV xx 0.0001102486      VCV xy 0.0000881673
        VCV xz -0.0000410865      VCV yy 0.0006217872
        VCV yz -0.0000902887      VCV zz 0.0000794045

GPSVEC TP Point ID 45952      DX  -6809.028      DY  1500.086
        Class Normal      DZ  -1947.620      Code R-114-PS
        Obs L1 Fixed      H.pr 0.044      V.pr 0.058

GPSQC1 NM Min SVs          7      PDOP max 2.9
        Relative DOPs Yes      HDOP max 1.8
        Total GPS pos 6      VDOP max 2.3
        Monitor status Not monitored      RMS 17.5
        Horz SD      Vert SD
        Start wk 1554 sec 595793.4      End wk 1554 sec 595798.4

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077459668
        VCV xx 0.0001116091      VCV xy 0.000090595
        VCV xz -0.0000417706      VCV yy 0.0006250177
        VCV yz -0.0000914385      VCV zz 0.0000793801

GPSVEC TP Point ID 45953      DX  -6809.858      DY  1501.589
        Class Normal      DZ  -1946.244      Code R-114-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.053

GPSQC1 NM Min SVs          7      PDOP max 3.0
        Relative DOPs Yes      HDOP max 1.8
        Total GPS pos 6      VDOP max 2.4
        Monitor status Not monitored      RMS 8.7
        Horz SD      Vert SD
        Start wk 1554 sec 595804.4      End wk 1554 sec 595809.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0096400362
        VCV xx 0.0001150119      VCV xy 0.0000878444
        VCV xz -0.0000423603      VCV yy 0.00046154
        VCV yz -0.0000686663      VCV zz 0.0000765898

GPSVEC TP Point ID 45954      DX  -6808.481      DY  1508.018
        Class Normal      DZ  -1937.653      Code R-113-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.054

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 17.8
        Horz SD      Vert SD
        Start wk 1554 sec 595820.8      End wk 1554 sec 595825.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0096978918
        VCV xx 0.0001192463      VCV xy 0.0000927489
        VCV xz -0.0000441622      VCV yy 0.0004659564
        VCV yz -0.0000706974      VCV zz 0.0000771959

GPSVEC TP Point ID 45955      DX  -6806.697      DY  1508.905
        Class Normal      DZ  -1935.349      Code R-113-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.054
    
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GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1554 sec	595835.8	End wk 1554 sec	595840.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0097183976
		VCV xx	0.0001214632	VCV xy	0.0000955389
		VCV xz	-0.0000450901	VCV yy	0.0004678157
		VCV yz	-0.0000718152	VCV zz	0.0000772313
GPSVEC	TP	Point ID 45956		DY	1509.818
		Class Normal		Code	R-113-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.9
		Horz SD		Vert SD	
		Start wk 1554 sec	595847.8	End wk 1554 sec	595852.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0097471885
		VCV xx	0.00012337	VCV xy	0.0000978171
		VCV xz	-0.0000458605	VCV yy	0.0004706206
		VCV yz	-0.0000728367	VCV zz	0.0000774542
GPSVEC	TP	Point ID 45957		DY	1510.614
		Class Normal		Code	R-113-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1554 sec	595857.8	End wk 1554 sec	595862.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0097302757
		VCV xx	0.0001237402	VCV xy	0.0000985533
		VCV xz	-0.0000460057	VCV yy	0.0004691388
		VCV yz	-0.0000729453	VCV zz	0.0000770466
GPSVEC	TP	Point ID 45958		DY	1514.359
		Class Normal		Code	P-101
		Obs L1 Fixed	H.pr 0.037	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.9
		Horz SD		Vert SD	
		Start wk 1554 sec	595873.0	End wk 1554 sec	595878.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0097410437
		VCV xx	0.0001251385	VCV xy	0.0001002653
		VCV xz	-0.0000464984	VCV yy	0.0004704646
		VCV yz	-0.0000736094	VCV zz	0.0000770143
GPSVEC	TP	Point ID 45959		DY	1516.521
		Class Normal		Code	R-111-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.055
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	18.4
		Horz SD		Vert SD	
		Start wk 1554 sec	595903.2	End wk 1554 sec	595908.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.009785573
		VCV xx	0.0001281872	VCV xy	0.0001034892
		VCV xz	-0.0000474258	VCV yy	0.0004755955
		VCV yz	-0.0000750295	VCV zz	0.0000774065
GPSVEC	TP	Point ID 45960		DY	1516.986
		Class Normal		Code	R-111-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.055
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	18.3
		Horz SD		Vert SD	
		Start wk 1554 sec	595912.2	End wk 1554 sec	595917.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0097825136
		VCV xx	0.0001284837	VCV xy	0.000103876
		VCV xz	-0.0000474828	VCV yy	0.0004756259
		VCV yz	-0.0000751351	VCV zz	0.0000772885
GPSVEC	TP	Point ID 45961		DY	1518.057
		Class Normal		Code	R-111-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.055
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	7	VDOP max	1.7
		Monitor status	Not monitored	RMS	16.6
		Horz SD		Vert SD	
		Start wk 1554 sec	595921.4	End wk 1554 sec	595927.2

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GPSQC2 NM Ttl satellites 8 Err Scale 0.009767957
VCV xx 0.0001285179 VCV xy 0.000104032
VCV xz -0.00004742 VCV yy 0.0004746421
VCV yz -0.0000750702 VCV zz 0.0000769982

GPSVEC TP Point ID 45962 DX -6800.315 DY 1519.603
Class Normal DZ -1918.330 Code PS
Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 20.1
Horz SD Vert SD
Start wk 1554 sec 595934.2 End wk 1554 sec 595939.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0097605884
VCV xx 0.0001288043 VCV xy 0.0001043708
VCV xz -0.0000474115 VCV yy 0.0004744448
VCV yz -0.0000751208 VCV zz 0.0000768193

GPSVEC TP Point ID 45963 DX -6802.540 DY 1521.512
Class Normal DZ -1917.375 Code PS
Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1554 sec 595943.2 End wk 1554 sec 595948.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0098012397
VCV xx 0.0001302617 VCV xy 0.000105706
VCV xz -0.0000478682 VCV yy 0.0004788698
VCV yz -0.0000759321 VCV zz 0.0000773943

GPSVEC TP Point ID 45964 DX -6804.542 DY 1522.869
Class Normal DZ -1916.780 Code R-110-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1554 sec 595957.4 End wk 1554 sec 595962.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0097440286
VCV xx 0.0001292349 VCV xy 0.0001047996
VCV xz -0.000047296 VCV yy 0.000473895
VCV yz -0.0000751184 VCV zz 0.0000764767

GPSVEC TP Point ID 45965 DX -6804.892 DY 1524.426
Class Normal DZ -1915.044 Code R-110-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1554 sec 595967.4 End wk 1554 sec 595972.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0097171338
VCV xx 0.0001288265 VCV xy 0.0001044754
VCV xz -0.0000470392 VCV yy 0.0004717571
VCV yz -0.000074792 VCV zz 0.0000760315

GPSVEC TP Point ID 45966 DX -6805.543 DY 1524.622
Class Normal DZ -1915.124 Code R-110-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 20.0
Horz SD Vert SD
Start wk 1554 sec 595977.4 End wk 1554 sec 595982.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0097521627
VCV xx 0.0001300381 VCV xy 0.0001055274
VCV xz -0.0000473822 VCV yy 0.0004755424
VCV yz -0.0000754533 VCV zz 0.0000765259

GPSVEC TP Point ID 45967 DX -6806.206 DY 1522.538
Class Normal DZ -1918.073 Code R-110-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 18.2
Horz SD Vert SD
Start wk 1554 sec 595988.4 End wk 1554 sec 595993.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.009672245
VCV xx 0.0001282376 VCV xy 0.0001039453
VCV xz -0.0000465744 VCV yy 0.000468393
VCV yz -0.0000742513 VCV zz 0.0000753005
    
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GPSVEC	TP	Point ID 45968	DX	-6798.491	DY	1515.635
		Class Normal	DZ	-1921.970	Code	PS
		Obs L1 Fixed	H.pr	0.037	V.pr	0.055
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.7		
		Monitor status Not monitored	RMS	17.8		
		Horz SD	Vert SD			
		Start wk 1554 sec 596015.6	End wk 1554	sec 596020.6		
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0096797775		
		VCV xx 0.0001292468	VCV xy	0.0001045118		
		VCV xz -0.0000464896	VCV yy	0.0004703571		
		VCV yz -0.0000744757	VCV zz	0.0000754096		
GPSVEC	TP	Point ID 45969	DX	-6800.080	DY	1513.947
		Class Normal	DZ	-1924.991	Code	PS
		Obs L1 Fixed	H.pr	0.037	V.pr	0.055
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.7		
		Monitor status Not monitored	RMS	17.8		
		Horz SD	Vert SD			
		Start wk 1554 sec 596026.6	End wk 1554	sec 596031.6		
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0096345097		
		VCV xx 0.0001282873	VCV xy	0.0001036194		
		VCV xz -0.0000459969	VCV yy	0.0004664218		
		VCV yz -0.0000738024	VCV zz	0.0000747149		
GPSVEC	TP	Point ID 45970	DX	-6792.372	DY	1507.661
		Class Normal	DZ	-1928.164	Code	P-69
		Obs L1 Fixed	H.pr	0.037	V.pr	0.055
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.7		
		Monitor status Not monitored	RMS	19.5		
		Horz SD	Vert SD			
		Start wk 1554 sec 596043.6	End wk 1554	sec 596048.6		
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0096469317		
		VCV xx 0.0001290598	VCV xy	0.0001040579		
		VCV xz -0.0000460106	VCV yy	0.0004684228		
		VCV yz -0.0000740604	VCV zz	0.0000749333		
GPSVEC	TP	Point ID 45971	DX	-6762.628	DY	1522.982
		Class Normal	DZ	-1904.250	Code	PS
		Obs L1 Fixed	H.pr	0.037	V.pr	0.055
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.7		
		Monitor status Not monitored	RMS	16.0		
		Horz SD	Vert SD			
		Start wk 1554 sec 596074.8	End wk 1554	sec 596079.8		
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0096404916		
		VCV xx 0.0001296309	VCV xy	0.0001040471		
		VCV xz -0.0000456917	VCV yy	0.0004690439		
		VCV yz -0.0000739964	VCV zz	0.0000749033		
GPSVEC	TP	Point ID 45972	DX	-6757.620	DY	1520.155
		Class Normal	DZ	-1906.129	Code	P-85
		Obs L1 Fixed	H.pr	0.036	V.pr	0.055
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.7		
		Monitor status Not monitored	RMS	15.9		
		Horz SD	Vert SD			
		Start wk 1554 sec 596096.8	End wk 1554	sec 596101.8		
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0095994603		
		VCV xx 0.0001290216	VCV xy	0.0001032143		
		VCV xz -0.00004514	VCV yy	0.0004659495		
		VCV yz -0.0000734044	VCV zz	0.0000743463		
GPSVEC	TP	Point ID 45973	DX	-6755.097	DY	1516.129
		Class Normal	DZ	-1909.545	Code	PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.055
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 7	VDOP max	1.7		
		Monitor status Not monitored	RMS	15.8		
		Horz SD	Vert SD			
		Start wk 1554 sec 596111.4	End wk 1554	sec 596117.2		
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0095480699		
		VCV xx 0.0001279624	VCV xy	0.0001021291		
		VCV xz -0.0000445659	VCV yy	0.0004616114		
		VCV yz -0.0000726486	VCV zz	0.000073627		
GPSVEC	TP	Point ID 45974	DX	-6753.428	DY	1511.668
		Class Normal	DZ	-1914.062	Code	P-84
		Obs L1 Fixed	H.pr	0.036	V.pr	0.055

GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	19.6
		Horz SD		Vert SD	
		Start wk 1554 sec	596127.4	End wk 1554 sec	596132.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0095491977
		VCV xx	0.0001283188	VCV xy	0.0001021998
		VCV xz	-0.0000444753	VCV yy	0.0004622245
		VCV yz	-0.0000727244	VCV zz	0.0000737019
GPSVEC	TP	Point ID 45975		DY	1508.754
		Class Normal		Code PS	
		Obs L1 Fixed	H.pr 0.036	V.pr	0.055
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	596140.4	End wk 1554 sec	596145.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0095285904
		VCV xx	0.0001280527	VCV xy	0.0001017604
		VCV xz	-0.0000441854	VCV yy	0.0004606858
		VCV yz	-0.0000724362	VCV zz	0.0000734514
GPSVEC	TP	Point ID 45976		DY	1505.140
		Class Normal		Code P-82	
		Obs L1 Fixed	H.pr 0.036	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1554 sec	596154.4	End wk 1554 sec	596159.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0094822925
		VCV xx	0.0001271432	VCV xy	0.0001007512
		VCV xz	-0.0000436439	VCV yy	0.0004567631
		VCV yz	-0.000071749	VCV zz	0.0000728333
GPSVEC	TP	Point ID 45977		DY	1502.160
		Class Normal		Code PS	
		Obs L1 Fixed	H.pr 0.036	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	17.4
		Horz SD		Vert SD	
		Start wk 1554 sec	596168.6	End wk 1554 sec	596173.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0094580026
		VCV xx	0.0001268021	VCV xy	0.0001002211
		VCV xz	-0.0000433146	VCV yy	0.0004548609
		VCV yz	-0.0000714087	VCV zz	0.0000725449
GPSVEC	TP	Point ID 45978		DY	1495.820
		Class Normal		Code P-	
		Obs L1 Fixed	H.pr 0.036	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	17.4
		Horz SD		Vert SD	
		Start wk 1554 sec	596184.8	End wk 1554 sec	596189.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0094433809
		VCV xx	0.0001267686	VCV xy	0.0000998847
		VCV xz	-0.0000430564	VCV yy	0.0004539206
		VCV yz	-0.0000712177	VCV zz	0.0000724241
GPSVEC	TP	Point ID 45979		DY	1492.362
		Class Normal		Code PS	
		Obs L1 Fixed	H.pr 0.036	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	17.7
		Horz SD		Vert SD	
		Start wk 1554 sec	596221.0	End wk 1554 sec	596226.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0094259633
		VCV xx	0.0001271291	VCV xy	0.0000994139
		VCV xz	-0.0000426	VCV yy	0.0004531674
		VCV yz	-0.0000710127	VCV zz	0.0000724165
GPSVEC	TP	Point ID 45980		DY	1484.637
		Class Normal		Code PS	
		Obs L1 Fixed	H.pr 0.036	V.pr	0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	19.4
		Horz SD		Vert SD	
		Start wk 1554 sec	596235.2	End wk 1554 sec	596240.2

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0094316928
VCV xx 0.0001276098 VCV xy 0.0000995258
VCV xz -0.0000425727 VCV yy 0.0004540325
VCV yz -0.0000711621 VCV zz 0.0000726186

GPSVEC TP Point ID 45981 DX -6774.994 DY 1482.254
Class Normal DZ -1964.506 Code P-71
Obs L1 Fixed H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 19.4
Horz SD Vert SD
Start wk 1554 sec 596248.2 End wk 1554 sec 596253.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0093851015
VCV xx 0.0001266181 VCV xy 0.0000984808
VCV xz -0.0000420622 VCV yy 0.0004498203
VCV yz -0.0000704751 VCV zz 0.0000720024

GPSVEC TP Point ID 45982 DX -6778.774 DY 1480.892
Class Normal DZ -1967.806 Code PS
Obs L1 Fixed H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 5 VDOP max 1.8
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 596269.4 End wk 1554 sec 596274.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0093494141
VCV xx 0.0001261511 VCV xy 0.0000976724
VCV xz -0.0000416007 VCV yy 0.0004468372
VCV yz -0.000070004 VCV zz 0.0000716429

GPSVEC TP Point ID 45983 DX -6782.162 DY 1479.920
Class Normal DZ -1971.106 Code P-72
Obs L1 Fixed H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 5 VDOP max 1.8
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1554 sec 596283.6 End wk 1554 sec 596289.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0092939492
VCV xx 0.00012497 VCV xy 0.0000964499
VCV xz -0.0000410192 VCV yy 0.0004417921
VCV yz -0.0000692096 VCV zz 0.0000709223

GPSVEC TP Point ID 45984 DX -6786.043 DY 1479.552
Class Normal DZ -1973.540 Code PS
Obs L1 Fixed H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 15.3
Horz SD Vert SD
Start wk 1554 sec 596300.6 End wk 1554 sec 596305.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0092818271
VCV xx 0.0001250561 VCV xy 0.0000961655
VCV xz -0.0000408185 VCV yy 0.0004409088
VCV yz -0.0000691091 VCV zz 0.0000709046

GPSVEC TP Point ID 45985 DX -6790.495 DY 1479.451
Class Normal DZ -1976.684 Code P-73
Obs L1 Fixed H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 18.8
Horz SD Vert SD
Start wk 1554 sec 596314.6 End wk 1554 sec 596319.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.00927772
VCV xx 0.0001252807 VCV xy 0.0000960293
VCV xz -0.0000406916 VCV yy 0.0004406855
VCV yz -0.0000690978 VCV zz 0.0000709799

GPSVEC TP Point ID 45986 DX -6795.637 DY 1480.355
Class Normal DZ -1978.527 Code PS
Obs L1 Fixed H.pr 0.035 V.pr 0.054

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1554 sec 596333.8 End wk 1554 sec 596338.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0092808111
VCV xx 0.0001258211 VCV xy 0.0000960043
VCV xz -0.0000405834 VCV yy 0.0004411306
VCV yz -0.0000692031 VCV zz 0.0000712176
    
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GPSVEC	TP	Point ID 45987	DX	-6811.668	DY	1484.559
		Class Normal	DZ	-1984.401	Code	PS
		Obs L1 Fixed	H.pr	0.035	V.pr	0.054
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.8		
		Monitor status Not monitored	RMS	15.3		
		Horz SD	Vert SD			
		Start wk 1554 sec 596363.0	End wk 1554 sec 596368.0			
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0092591066		
		VCV xx 0.000125956	VCV xy	0.0000954119		
		VCV xz -0.0000401873	VCV yy	0.0004392553		
		VCV yz -0.0000689787	VCV zz	0.0000711987		
GPSVEC	TP	Point ID 45988	DX	-6832.490	DY	1492.266
		Class Normal	DZ	-1987.726	Code	PS
		Obs L1 Fixed	H.pr	0.035	V.pr	0.054
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.8		
		Monitor status Not monitored	RMS	17.0		
		Horz SD	Vert SD			
		Start wk 1554 sec 596382.0	End wk 1554 sec 596387.0			
GPSQC2	NM	Ttl satellites 8	Err Scale	0.009227654		
		VCV xx 0.0001255682	VCV xy	0.0000946837		
		VCV xz -0.0000398138	VCV yy	0.000436385		
		VCV yz -0.0000685978	VCV zz	0.0000709344		
GPSVEC	TP	Point ID 45989	DX	-6853.130	DY	1500.558
		Class Normal	DZ	-1989.780	Code	PS
		Obs L1 Fixed	H.pr	0.035	V.pr	0.054
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.8		
		Monitor status Not monitored	RMS	15.5		
		Horz SD	Vert SD			
		Start wk 1554 sec 596397.2	End wk 1554 sec 596402.2			
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0092110513		
		VCV xx 0.0001254702	VCV xy	0.0000942724		
		VCV xz -0.0000395973	VCV yy	0.0004348247		
		VCV yz -0.0000684205	VCV zz	0.0000708496		
GPSVEC	TP	Point ID 45990	DX	-6874.105	DY	1508.344
		Class Normal	DZ	-1992.160	Code	PS
		Obs L1 Fixed	H.pr	0.034	V.pr	0.054
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.8		
		Monitor status Not monitored	RMS	17.3		
		Horz SD	Vert SD			
		Start wk 1554 sec 596413.2	End wk 1554 sec 596418.4			
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0091983704		
		VCV xx 0.0001255178	VCV xy	0.0000939392		
		VCV xz -0.0000394087	VCV yy	0.000433629		
		VCV yz -0.0000683116	VCV zz	0.0000708464		
GPSVEC	TP	Point ID 45991	DX	-6895.121	DY	1515.916
		Class Normal	DZ	-1995.067	Code	PS
		Obs L1 Fixed	H.pr	0.034	V.pr	0.054
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.8		
		Monitor status Not monitored	RMS	17.2		
		Horz SD	Vert SD			
		Start wk 1554 sec 596429.6	End wk 1554 sec 596435.4			
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0091828462		
		VCV xx 0.0001255249	VCV xy	0.0000935439		
		VCV xz -0.0000391904	VCV yy	0.0004321511		
		VCV yz -0.0000681703	VCV zz	0.0000708208		
GPSVEC	TP	Point ID 45992	DX	-6915.987	DY	1523.520
		Class Normal	DZ	-1998.115	Code	PS
		Obs L1 Fixed	H.pr	0.034	V.pr	0.054
GPSQC1	NM	Min SVs 8	PDOP max	2.1		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.8		
		Monitor status Not monitored	RMS	15.4		
		Horz SD	Vert SD			
		Start wk 1554 sec 596446.4	End wk 1554 sec 596451.4			
GPSQC2	NM	Ttl satellites 8	Err Scale	0.0091897901		
		VCV xx 0.0001261458	VCV xy	0.000093627		
		VCV xz -0.0000391781	VCV yy	0.0004326932		
		VCV yz -0.0000683803	VCV zz	0.0000711425		
GPSVEC	TP	Point ID 45993	DX	-6936.853	DY	1531.144
		Class Normal	DZ	-2001.010	Code	PS
		Obs L1 Fixed	H.pr	0.034	V.pr	0.054

GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	18.9
		Horz SD		Vert SD	
		Start wk 1554 sec	596461.6	End wk 1554 sec	596467.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.009156663
		VCV xx	0.0001256209	VCV xy	0.00009284
		VCV xz	-0.0000387997	VCV yy	0.0004295045
		VCV yz	-0.000067948	VCV zz	0.0000708287
GPSVEC	TP	Point ID 45994		DX -6936.844	DY 1529.801
		Class Normal		DZ -2004.812	Code DS-22\R-116-PS
		Obs L1 Fixed		H.pr 0.034	V.pr 0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	18.9
		Horz SD		Vert SD	
		Start wk 1554 sec	596481.6	End wk 1554 sec	596486.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0091566239
		VCV xx	0.0001261309	VCV xy	0.0000927189
		VCV xz	-0.0000386925	VCV yy	0.0004293212
		VCV yz	-0.0000680525	VCV zz	0.0000710949
GPSVEC	TP	Point ID 45995		DX -6936.871	DY 1528.146
		Class Normal		DZ -2009.847	Code DS-22\R-116-PS
		Obs L1 Fixed		H.pr 0.034	V.pr 0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	1.8
		Monitor status	Not monitored	RMS	18.6
		Horz SD		Vert SD	
		Start wk 1554 sec	596492.8	End wk 1554 sec	596498.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0091254031
		VCV xx	0.0001255519	VCV xy	0.000092003
		VCV xz	-0.000038373	VCV yy	0.0004263025
		VCV yz	-0.0000676429	VCV zz	0.0000707658
GPSVEC	TP	Point ID 45996		DX -6958.111	DY 1538.338
		Class Normal		DZ -2005.376	Code PS
		Obs L1 Fixed		H.pr 0.034	V.pr 0.054
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	1.8
		Monitor status	Not monitored	RMS	18.5
		Horz SD		Vert SD	
		Start wk 1554 sec	596516.8	End wk 1554 sec	596522.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0091241607
		VCV xx	0.0001261382	VCV xy	0.0000918148
		VCV xz	-0.0000382282	VCV yy	0.0004258661
		VCV yz	-0.0000677526	VCV zz	0.0000710807
GPSVEC	TP	Point ID 45997		DX -6958.005	DY 1524.779
		Class Normal		DZ -2044.976	Code PS
		Obs L1 Fixed		H.pr 0.033	V.pr 0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1554 sec	596545.8	End wk 1554 sec	596550.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0088049686
		VCV xx	0.0001291337	VCV xy	0.0000922095
		VCV xz	-0.0000382599	VCV yy	0.0003801082
		VCV yz	-0.0000613504	VCV zz	0.0000716127
GPSVEC	TP	Point ID 45998		DX -6936.693	DY 1516.371
		Class Normal		DZ -2044.188	Code PS
		Obs L1 Fixed		H.pr 0.033	V.pr 0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	14.5
		Horz SD		Vert SD	
		Start wk 1554 sec	596562.8	End wk 1554 sec	596568.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0088489186
		VCV xx	0.0001286012	VCV xy	0.0000916527
		VCV xz	-0.0000382631	VCV yy	0.000386888
		VCV yz	-0.0000624449	VCV zz	0.0000715457
GPSVEC	TP	Point ID 45999		DX -6915.835	DY 1508.705
		Class Normal		DZ -2044.316	Code PS
		Obs L1 Fixed		H.pr 0.033	V.pr 0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	7	VDOP max	1.8
		Monitor status	Not monitored	RMS	16.3
		Horz SD		Vert SD	
		Start wk 1554 sec	596578.2	End wk 1554 sec	596584.0

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0088663707
          VCV xx 0.0001278798 VCV xy 0.00009092
          VCV xz -0.0000378961 VCV yy 0.0003904545
          VCV yz -0.000063061 VCV zz 0.0000713202

GPSVEC TP Point ID 46000 DX -6895.080 DY 1501.234
          Class Normal DZ -2038.021 Code PS
          Obs L1 Fixed H.pr 0.033 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 1.8
          Monitor status Not monitored RMS 16.4
          Horz SD Vert SD
          Start wk 1554 sec 596595.2 End wk 1554 sec 596601.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0088881357
          VCV xx 0.0001275083 VCV xy 0.0000903811
          VCV xz -0.0000376209 VCV yy 0.0003940492
          VCV yz -0.0000637286 VCV zz 0.0000712738

GPSVEC TP Point ID 46001 DX -6874.151 DY 1493.453
          Class Normal DZ -2035.473 Code PS
          Obs L1 Fixed H.pr 0.033 V.pr 0.052

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 18.5
          Horz SD Vert SD
          Start wk 1554 sec 596612.2 End wk 1554 sec 596617.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0089113275
          VCV xx 0.0001274683 VCV xy 0.0000900576
          VCV xz -0.0000374456 VCV yy 0.0003973322
          VCV yz -0.0000643837 VCV zz 0.0000713835

GPSVEC TP Point ID 46002 DX -6853.262 DY 1485.983
          Class Normal DZ -2032.021 Code PS
          Obs L1 Fixed H.pr 0.033 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 15.0
          Horz SD Vert SD
          Start wk 1554 sec 596629.2 End wk 1554 sec 596634.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0089468509
          VCV xx 0.0001279627 VCV xy 0.0000900453
          VCV xz -0.0000373964 VCV yy 0.0004014616
          VCV yz -0.0000651808 VCV zz 0.0000717804

GPSVEC TP Point ID 46003 DX -6832.309 DY 1478.001
          Class Normal DZ -2029.880 Code PS
          Obs L1 Fixed H.pr 0.033 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 16.8
          Horz SD Vert SD
          Start wk 1554 sec 596649.4 End wk 1554 sec 596654.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0089595029
          VCV xx 0.000127937 VCV xy 0.0000895621
          VCV xz -0.0000371476 VCV yy 0.0004033195
          VCV yz -0.0000656537 VCV zz 0.0000718876

GPSVEC TP Point ID 46004 DX -6811.688 DY 1470.264
          Class Normal DZ -2027.300 Code PS
          Obs L1 Fixed H.pr 0.033 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 16.4
          Horz SD Vert SD
          Start wk 1554 sec 596667.4 End wk 1554 sec 596672.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0089551415
          VCV xx 0.0001276495 VCV xy 0.0000889245
          VCV xz -0.0000368543 VCV yy 0.0004032749
          VCV yz -0.0000658208 VCV zz 0.0000718236

GPSVEC TP Point ID 46005 DX -6791.140 DY 1462.151
          Class Normal DZ -2025.345 Code PS
          Obs L1 Fixed H.pr 0.033 V.pr 0.053

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 16.4
          Horz SD Vert SD
          Start wk 1554 sec 596684.6 End wk 1554 sec 596689.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0089212535
          VCV xx 0.0001266466 VCV xy 0.0000877807
          VCV xz -0.000036361 VCV yy 0.0004003642
          VCV yz -0.0000655118 VCV zz 0.0000713483
    
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GPSVEC TP Point ID 46006      DX  -6708.079      DY  1412.276
        Class Normal      DZ  -2068.583      Code EXT-PS
        Obs L1 Fixed      H.pr 0.033      V.pr 0.053

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 16.4
        Horz SD      Vert SD
        Start wk 1554 sec 596779.0      End wk 1554 sec 596784.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.008910574
        VCV xx 0.0001273824      VCV xy 0.0000856835
        VCV xz -0.0000353638      VCV yy 0.0003976338
        VCV yz -0.0000662579      VCV zz 0.0000721715

GPSVEC TP Point ID 46007      DX  -6708.033      DY  1412.735
        Class Normal      DZ  -2067.892      Code TOE-PS
        Obs L1 Fixed      H.pr 0.033      V.pr 0.052

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 14.5
        Horz SD      Vert SD
        Start wk 1554 sec 596791.0      End wk 1554 sec 596796.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0088698929
        VCV xx 0.0001264313      VCV xy 0.000084747
        VCV xz -0.0000350045      VCV yy 0.000393594
        VCV yz -0.0000657651      VCV zz 0.000071692

NOTE NM Modified 5:46:44 PM 10/24/2009

NOTE NM Old values EXT-PS

GPSVEC TP Point ID 46008      DX  -6710.194      DY  1412.884
        Class Normal      DZ  -2069.035      Code EXT-TN
        Obs L1 Fixed      H.pr 0.033      V.pr 0.052

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 14.8
        Horz SD      Vert SD
        Start wk 1554 sec 596828.2      End wk 1554 sec 596833.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0088304719
        VCV xx 0.0001260623      VCV xy 0.0000834977
        VCV xz -0.0000344939      VCV yy 0.0003885529
        VCV yz -0.0000655202      VCV zz 0.0000716547

GPSVEC TP Point ID 46009      DX  -6729.216      DY  1419.660
        Class Normal      DZ  -2071.612      Code EXT-PS
        Obs L1 Fixed      H.pr 0.032      V.pr 0.052

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 18.2
        Horz SD      Vert SD
        Start wk 1554 sec 596851.4      End wk 1554 sec 596856.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0087833283
        VCV xx 0.00012517      VCV xy 0.0000822954
        VCV xz -0.0000340091      VCV yy 0.0003834103
        VCV yz -0.0000650013      VCV zz 0.0000712634

GPSVEC TP Point ID 46010      DX  -6728.908      DY  1420.736
        Class Normal      DZ  -2070.199      Code TOE-PS
        Obs L1 Fixed      H.pr 0.032      V.pr 0.052

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 14.6
        Horz SD      Vert SD
        Start wk 1554 sec 596870.4      End wk 1554 sec 596875.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0087379878
        VCV xx 0.0001242696      VCV xy 0.0000812141
        VCV xz -0.0000335861      VCV yy 0.000378544
        VCV yz -0.0000644937      VCV zz 0.0000708514

GPSVEC TP Point ID 46011      DX  -6731.038      DY  1420.358
        Class Normal      DZ  -2071.907      Code EXT-TN
        Obs L1 Fixed      H.pr 0.032      V.pr 0.051

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 16.3
        Horz SD      Vert SD
        Start wk 1554 sec 596888.4      End wk 1554 sec 596893.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0086985668
        VCV xx 0.0001235234      VCV xy 0.0000802657
        VCV xz -0.0000332172      VCV yy 0.0003742323
        VCV yz -0.0000640667      VCV zz 0.0000705247

GPSVEC TP Point ID 46012      DX  -6749.971      DY  1427.403
        Class Normal      DZ  -2074.613      Code EXT-PS
        Obs L1 Fixed      H.pr 0.032      V.pr 0.051
    
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GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	18.0
		Horz SD		Vert SD	
		Start wk 1554 sec	596908.4	End wk 1554 sec	596914.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086400639
		VCV xx	0.0001222697	VCV xy	0.0000788949
		VCV xz	-0.0000326724	VCV yy	0.0003681493
		VCV yz	-0.0000633582	VCV zz	0.000069933
GPSVEC	TP	Point ID 46013		DX -6749.823	DY 1428.345
		Class Normal		DZ -2073.379	Code TOE-PS
		Obs L1 Fixed		H.pr 0.032	V.pr 0.051
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	14.1
		Horz SD		Vert SD	
		Start wk 1554 sec	596929.6	End wk 1554 sec	596934.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086378893
		VCV xx	0.000122672	VCV xy	0.0000786382
		VCV xz	-0.0000325927	VCV yy	0.0003667914
		VCV yz	-0.0000635281	VCV zz	0.0000702824
GPSVEC	TP	Point ID 46014		DX -6751.761	DY 1427.958
		Class Normal		DZ -2074.922	Code EXT-TN
		Obs L1 Fixed		H.pr 0.032	V.pr 0.051
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	14.1
		Horz SD		Vert SD	
		Start wk 1554 sec	596948.0	End wk 1554 sec	596953.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.008633012
		VCV xx	0.0001229133	VCV xy	0.0000783217
		VCV xz	-0.0000324775	VCV yy	0.0003653413
		VCV yz	-0.0000636103	VCV zz	0.0000705333
GPSVEC	TP	Point ID 46015		DX -6770.937	DY 1434.821
		Class Normal		DZ -2077.249	Code EXT-PS
		Obs L1 Fixed		H.pr 0.032	V.pr 0.051
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk 1554 sec	596971.0	End wk 1554 sec	596976.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086261369
		VCV xx	0.000123197	VCV xy	0.000077903
		VCV xz	-0.0000323289	VCV yy	0.0003634117
		VCV yz	-0.0000637061	VCV zz	0.0000708476
GPSVEC	TP	Point ID 46016		DX -6770.752	DY 1435.612
		Class Normal		DZ -2076.210	Code TOE-PS
		Obs L1 Fixed		H.pr 0.032	V.pr 0.051
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	14.0
		Horz SD		Vert SD	
		Start wk 1554 sec	596997.2	End wk 1554 sec	597002.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086227963
		VCV xx	0.0001236705	VCV xy	0.0000775199
		VCV xz	-0.0000322025	VCV yy	0.0003614663
		VCV yz	-0.0000639032	VCV zz	0.0000713035
GPSVEC	TP	Point ID 46017		DX -6772.703	DY 1435.483
		Class Normal		DZ -2077.424	Code EXT-TN
		Obs L1 Fixed		H.pr 0.031	V.pr 0.051
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1554 sec	597013.2	End wk 1554 sec	597018.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0085866768
		VCV xx	0.0001229154	VCV xy	0.0000766361
		VCV xz	-0.0000318587	VCV yy	0.0003574966
		VCV yz	-0.0000634813	VCV zz	0.0000709861
GPSVEC	TP	Point ID 46018		DX -6791.741	DY 1442.858
		Class Normal		DZ -2079.629	Code EXT-PS
		Obs L1 Fixed		H.pr 0.032	V.pr 0.052
GPSQC1	NM	Min SVs	8	PDOP max	2.1
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1554 sec	597034.4	End wk 1554 sec	597039.4

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0087975096
VCV xx 0.0001298419 VCV xy 0.0000805936
VCV xz -0.0000336722 VCV yy 0.0003732716
VCV yz -0.0000671374 VCV zz 0.0000751453

GPSVEC TP Point ID 46019 DX -6791.595 DY 1443.508
Class Normal DZ -2078.724 Code TOE-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 16.1
Horz SD Vert SD
Start wk 1554 sec 597049.6 End wk 1554 sec 597054.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085803391
VCV xx 0.0001234531 VCV xy 0.0000760002
VCV xz -0.0000316309 VCV yy 0.0003545207
VCV yz -0.0000637001 VCV zz 0.0000715842

GPSVEC TP Point ID 46020 DX -6795.495 DY 1444.193
Class Normal DZ -2080.176 Code DS-27\R-145-EXT
Obs L1 Fixed H.pr 0.031 V.pr 0.051

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 597081.6 End wk 1554 sec 597086.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085606622
VCV xx 0.0001234886 VCV xy 0.0000751866
VCV xz -0.0000313408 VCV yy 0.0003507357
VCV yz -0.0000636845 VCV zz 0.0000718779

GPSVEC TP Point ID 46021 DX -6796.433 DY 1444.182
Class Normal DZ -2080.799 Code DS-27\R-145-CROS
Obs L1 Fixed H.pr 0.031 V.pr 0.050

F-CODE TP Code DS-27\R-145-CROSS

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1554 sec 597103.8 End wk 1554 sec 597108.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085348617
VCV xx 0.0001231344 VCV xy 0.0000744126
VCV xz -0.0000310651 VCV yy 0.0003470929
VCV yz -0.0000634908 VCV zz 0.0000718701

GPSVEC TP Point ID 46022 DX -6801.120 DY 1445.865
Class Normal DZ -2081.443 Code DS-27\R-145-CROS
Obs L1 Fixed H.pr 0.031 V.pr 0.050

F-CODE TP Code DS-27\R-145-CROSS

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 17.4
Horz SD Vert SD
Start wk 1554 sec 597115.8 End wk 1554 sec 597120.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085090976
VCV xx 0.0001225879 VCV xy 0.0000738031
VCV xz -0.0000308573 VCV yy 0.0003441705
VCV yz -0.0000632118 VCV zz 0.0000716623

GPSVEC TP Point ID 46023 DX -6801.636 DY 1446.440
Class Normal DZ -2081.025 Code DS-27\R-145-EXT
Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1554 sec 597132.8 End wk 1554 sec 597137.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0084810341
VCV xx 0.0001220536 VCV xy 0.00007307
VCV xz -0.0000305963 VCV yy 0.0003406775
VCV yz -0.0000629382 VCV zz 0.0000715096

GPSVEC TP Point ID 46024 DX -6812.503 DY 1450.732
Class Normal DZ -2082.026 Code EXT-PS
Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 2.1
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.8
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1554 sec 597151.0 End wk 1554 sec 597156.0
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0084578646
          VCV xx 0.0001216791 VCV xy 0.0000724103
          VCV xz -0.0000303644 VCV yy 0.0003375218
          VCV yz -0.0000627506 VCV zz 0.0000714639

GPSVEC TP Point ID 46025 DX -6812.426 DY 1451.581
          Class Normal DZ -2080.874 Code TOE-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 15.5
          Horz SD Vert SD
          Start wk 1554 sec 597172.4 End wk 1554 sec 597177.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0084587997
          VCV xx 0.0001220792 VCV xy 0.0000721359
          VCV xz -0.0000302988 VCV yy 0.0003359817
          VCV yz -0.0000629729 VCV zz 0.0000719118

GPSVEC TP Point ID 46026 DX -6814.240 DY 1451.384
          Class Normal DZ -2082.232 Code EXT-TN
          Obs L1 Fixed H.pr 0.031 V.pr 0.050

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 14.0
          Horz SD Vert SD
          Start wk 1554 sec 597186.4 End wk 1554 sec 597191.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0084449826
          VCV xx 0.0001218974 VCV xy 0.0000716912
          VCV xz -0.0000301477 VCV yy 0.0003338349
          VCV yz -0.0000628915 VCV zz 0.0000719503

GPSVEC TP Point ID 46027 DX -6833.189 DY 1458.515
          Class Normal DZ -2084.568 Code EXT-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 17.2
          Horz SD Vert SD
          Start wk 1554 sec 597206.6 End wk 1554 sec 597211.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0084182946
          VCV xx 0.0001214143 VCV xy 0.0000708905
          VCV xz -0.0000298478 VCV yy 0.0003302258
          VCV yz -0.0000626584 VCV zz 0.0000718868

GPSVEC TP Point ID 46028 DX -6833.013 DY 1459.423
          Class Normal DZ -2083.286 Code TOE-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 15.4
          Horz SD Vert SD
          Start wk 1554 sec 597220.8 End wk 1554 sec 597225.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0084049525
          VCV xx 0.0001212296 VCV xy 0.0000704517
          VCV xz -0.0000297015 VCV yy 0.0003281105
          VCV yz -0.0000625831 VCV zz 0.0000719313

GPSVEC TP Point ID 46029 DX -6835.110 DY 1459.221
          Class Normal DZ -2084.796 Code EXT-TN
          Obs L1 Fixed H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 15.4
          Horz SD Vert SD
          Start wk 1554 sec 597235.0 End wk 1554 sec 597240.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0083835227
          VCV xx 0.0001207997 VCV xy 0.0000698832
          VCV xz -0.0000295082 VCV yy 0.000325374
          VCV yz -0.0000623849 VCV zz 0.0000718314

GPSVEC TP Point ID 46030 DX -6853.944 DY 1466.638
          Class Normal DZ -2086.663 Code EXT-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 17.1
          Horz SD Vert SD
          Start wk 1554 sec 597254.0 End wk 1554 sec 597259.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0083758524
          VCV xx 0.0001208201 VCV xy 0.0000694497
          VCV xz -0.0000293731 VCV yy 0.0003232749
          VCV yz -0.0000624305 VCV zz 0.0000720609
    
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GPSVEC TP Point ID 46031      DX  -6853.839      DY  1467.159
        Class Normal      DZ  -2085.891      Code TOE-PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.049

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 17.4
        Horz SD      Vert SD
        Start wk 1554 sec 597269.2      End wk 1554 sec 597274.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083576487
        VCV xx 0.0001204951      VCV xy 0.0000689229
        VCV xz -0.0000291961      VCV yy 0.0003207287
        VCV yz -0.0000622954      VCV zz 0.0000720421

GPSVEC TP Point ID 46032      DX  -6854.958      DY  1467.033
        Class Normal      DZ  -2086.744      Code R-97-EXT
        Obs L1 Fixed      H.pr 0.030      V.pr 0.049

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 5      VDOP max 1.8
        Monitor status Not monitored      RMS 17.4
        Horz SD      Vert SD
        Start wk 1554 sec 597287.4      End wk 1554 sec 597292.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083726617
        VCV xx 0.0001211884      VCV xy 0.0000689044
        VCV xz -0.0000292403      VCV yy 0.0003203827
        VCV yz -0.000062702      VCV zz 0.0000726787

NOTE NM Modified 5:55:08 PM 10/24/2009

NOTE NM Old values R-97-PS

GPSVEC TP Point ID 46033      DX  -6855.765      DY  1467.064
        Class Normal      DZ  -2087.182      Code R-97-TN
        Obs L1 Fixed      H.pr 0.030      V.pr 0.049

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 17.1
        Horz SD      Vert SD
        Start wk 1554 sec 597307.6      End wk 1554 sec 597313.6

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083391741
        VCV xx 0.0001204319      VCV xy 0.000067959
        VCV xz -0.000028887      VCV yy 0.0003161345
        VCV yz -0.0000623648      VCV zz 0.0000724964

GPSVEC TP Point ID 46034      DX  -6854.959      DY  1468.554
        Class Normal      DZ  -2083.532      Code R-98
        Obs L1 Fixed      H.pr 0.030      V.pr 0.049

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 7      VDOP max 1.8
        Monitor status Not monitored      RMS 16.8
        Horz SD      Vert SD
        Start wk 1554 sec 597340.2      End wk 1554 sec 597346.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.008337969
        VCV xx 0.0001207304      VCV xy 0.0000673807
        VCV xz -0.0000287081      VCV yy 0.0003133952
        VCV yz -0.0000626202      VCV zz 0.0000730937

GPSVEC TP Point ID 46035      DX  -6854.840      DY  1471.070
        Class Normal      DZ  -2076.203      Code R-99
        Obs L1 Fixed      H.pr 0.030      V.pr 0.049

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 17.0
        Horz SD      Vert SD
        Start wk 1554 sec 597356.0      End wk 1554 sec 597361.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083210738
        VCV xx 0.0001203923      VCV xy 0.000066869
        VCV xz -0.0000285487      VCV yy 0.0003108853
        VCV yz -0.0000625007      VCV zz 0.0000730912

GPSVEC TP Point ID 46036      DX  -6856.855      DY  1467.692
        Class Normal      DZ  -2087.039      Code R-97-EXT
        Obs L1 Fixed      H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs          8      PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6      VDOP max 1.8
        Monitor status Not monitored      RMS 17.3
        Horz SD      Vert SD
        Start wk 1554 sec 597389.2      End wk 1554 sec 597394.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083237235
        VCV xx 0.0001207716      VCV xy 0.0000663234
        VCV xz -0.0000283963      VCV yy 0.000308312
        VCV yz -0.0000628324      VCV zz 0.0000737898

GPSVEC TP Point ID 46037      DX  -6859.897      DY  1468.843
        Class Normal      DZ  -2087.451      Code EXT
        Obs L1 Fixed      H.pr 0.030      V.pr 0.048
    
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GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       17.3
          Horz SD                    Vert SD
          Start wk 1554 sec 597403.2 End wk 1554 sec 597408.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083035687
          VCV xx  0.0001202981    VCV xy   0.0000657711
          VCV xz  -0.0000282177    VCV yy   0.00030565
          VCV yz  -0.0000626483    VCV zz   0.0000737006

GPSVEC TP Point ID 46038      DX  -6860.973      DY  1469.383
          Class Normal          DZ  -2087.423      Code EXT
          Obs L1 Fixed          H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       17.3
          Horz SD                    Vert SD
          Start wk 1554 sec 597413.4 End wk 1554 sec 597418.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082982546
          VCV xx  0.0001202563    VCV xy   0.0000655544
          VCV xz  -0.0000281795    VCV yy   0.0003043556
          VCV yz  -0.0000626763    VCV zz   0.000073823

GPSVEC TP Point ID 46039      DX  -6862.073      DY  1469.509
          Class Normal          DZ  -2087.849      Code EXT
          Obs L1 Fixed          H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       13.7
          Horz SD                    Vert SD
          Start wk 1554 sec 597423.4 End wk 1554 sec 597428.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082701975
          VCV xx  0.000119501     VCV xy   0.0000649241
          VCV xz  -0.0000279339    VCV yy   0.0003015455
          VCV yz  -0.000062328     VCV zz   0.0000735038

GPSVEC TP Point ID 46040      DX  -6871.935      DY  1473.412
          Class Normal          DZ  -2088.837      Code EXT
          Obs L1 Fixed          H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       17.2
          Horz SD                    Vert SD
          Start wk 1554 sec 597435.4 End wk 1554 sec 597440.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082642622
          VCV xx  0.0001194122     VCV xy   0.0000646347
          VCV xz  -0.0000278598    VCV yy   0.000300101
          VCV yz  -0.0000623412     VCV zz   0.0000736261

GPSVEC TP Point ID 46041      DX  -6874.625      DY  1474.158
          Class Normal          DZ  -2089.300      Code EXT-PS
          Obs L1 Fixed          H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       16.9
          Horz SD                    Vert SD
          Start wk 1554 sec 597452.4 End wk 1554 sec 597457.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082643135
          VCV xx  0.0001195126     VCV xy   0.0000643317
          VCV xz  -0.000027783     VCV yy   0.0002986131
          VCV yz  -0.000062484     VCV zz   0.0000739481

GPSVEC TP Point ID 46042      DX  -6874.490      DY  1475.114
          Class Normal          DZ  -2088.096      Code TOE-PS
          Obs L1 Fixed          H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       13.7
          Horz SD                    Vert SD
          Start wk 1554 sec 597469.4 End wk 1554 sec 597474.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082585625
          VCV xx  0.0001194639     VCV xy   0.0000639514
          VCV xz  -0.0000276737    VCV yy   0.00029677
          VCV yz  -0.0000625543     VCV zz   0.0000741844

GPSVEC TP Point ID 46043      DX  -6876.737      DY  1474.933
          Class Normal          DZ  -2089.615      Code EXT-TN
          Obs L1 Fixed          H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  2.1
          Relative DOPs Yes      HDOP max  1.1
          Total GPS pos  6       VDOP max  1.8
          Monitor status Not monitored RMS       17.2
          Horz SD                    Vert SD
          Start wk 1554 sec 597487.4 End wk 1554 sec 597492.4
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0082573723
          VCV xx 0.0001195276 VCV xy 0.0000636117
          VCV xz -0.0000275841 VCV yy 0.0002951222
          VCV yz -0.0000626953 VCV zz 0.0000745139

GPSVEC TP Point ID 46044 DX -6895.119 DY 1481.601
          Class Normal DZ -2092.281 Code R-84-EXT
          Obs L1 Fixed H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 16.9
          Horz SD Vert SD
          Start wk 1554 sec 597509.6 End wk 1554 sec 597514.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082485061
          VCV xx 0.0001193362 VCV xy 0.000063029
          VCV xz -0.0000273971 VCV yy 0.0002924898
          VCV yz -0.0000627386 VCV zz 0.0000747719

GPSVEC TP Point ID 46045 DX -6895.388 DY 1482.552
          Class Normal DZ -2090.872 Code R-84-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 16.9
          Horz SD Vert SD
          Start wk 1554 sec 597525.6 End wk 1554 sec 597530.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082532642
          VCV xx 0.0001195776 VCV xy 0.0000628608
          VCV xz -0.0000273827 VCV yy 0.0002914965
          VCV yz -0.0000629695 VCV zz 0.000075182

GPSVEC TP Point ID 46046 DX -6895.521 DY 1482.304
          Class Normal DZ -2091.546 Code R-84-TOE
          Obs L1 Fixed H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 17.1
          Horz SD Vert SD
          Start wk 1554 sec 597543.6 End wk 1554 sec 597548.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082801366
          VCV xx 0.0001204728 VCV xy 0.0000629489
          VCV xz -0.0000274746 VCV yy 0.0002916163
          VCV yz -0.0000635832 VCV zz 0.0000760841

GPSVEC TP Point ID 46047 DX -6897.666 DY 1482.090
          Class Normal DZ -2093.044 Code R-84-TN
          Obs L1 Fixed H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 16.9
          Horz SD Vert SD
          Start wk 1554 sec 597557.6 End wk 1554 sec 597562.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082603674
          VCV xx 0.0001199002 VCV xy 0.0000623571
          VCV xz -0.0000272577 VCV yy 0.0002890371
          VCV yz -0.0000633841 VCV zz 0.0000759725

GPSVEC TP Point ID 46048 DX -6899.609 DY 1483.468
          Class Normal DZ -2092.509 Code R-84-EXT
          Obs L1 Fixed H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.8
          Monitor status Not monitored RMS 15.2
          Horz SD Vert SD
          Start wk 1554 sec 597577.8 End wk 1554 sec 597582.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082671661
          VCV xx 0.0001201393 VCV xy 0.0000620775
          VCV xz -0.0000272038 VCV yy 0.0002877152
          VCV yz -0.0000636683 VCV zz 0.0000764942

NOTE TS Time Date 10/24/2009 Time 17:59:47

GPSVEC TP Point ID 46049 DX -6916.278 DY 1489.507
          Class Normal DZ -2094.724 Code EXT-PS
          Obs L1 Fixed H.pr 0.030 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.1
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 1.8
          Monitor status Not monitored RMS 13.7
          Horz SD Vert SD
          Start wk 1554 sec 597597.0 End wk 1554 sec 597602.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0083648469
          VCV xx 0.0001232177 VCV xy 0.0000633356
          VCV xz -0.0000278619 VCV yy 0.000292375
          VCV yz -0.0000654785 VCV zz 0.0000788518
    
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GPSVEC TP Point ID 46050      DX -6916.250      DY 1490.119
        Class Normal        DZ -2093.812      Code TOE-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.047

GPSQC1 NM Min SVs          8                PDOP max 2.1
        Relative DOPs Yes    HDOP max 1.1
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored RMS 17.0
        Horz SD              Vert SD
        Start wk 1554 sec 597622.0 End wk 1554 sec 597627.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.00829635
        VCV xx 0.0001210316 VCV xy 0.0000616538
        VCV xz -0.0000271576 VCV yy 0.0002857219
        VCV yz -0.0000645254 VCV zz 0.000077921

GPSVEC TP Point ID 46051      DX -6918.496      DY 1490.244
        Class Normal        DZ -2095.081      Code EXT-TN
        Obs L1 Fixed        H.pr 0.030      V.pr 0.047

GPSQC1 NM Min SVs          8                PDOP max 2.1
        Relative DOPs Yes    HDOP max 1.1
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored RMS 16.9
        Horz SD              Vert SD
        Start wk 1554 sec 597637.2 End wk 1554 sec 597642.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0082829613
        VCV xx 0.0001206152 VCV xy 0.0000611716
        VCV xz -0.0000270206 VCV yy 0.0002833996
        VCV yz -0.0000644339 VCV zz 0.0000779443

GPSVEC TP Point ID 46052      DX -6916.146      DY 1492.161
        Class Normal        DZ -2088.119      Code DS-21\R-83-PS
        Obs L1 Fixed        H.pr 0.029      V.pr 0.047

GPSQC1 NM Min SVs          8                PDOP max 2.1
        Relative DOPs Yes    HDOP max 1.1
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored RMS 13.7
        Horz SD              Vert SD
        Start wk 1554 sec 597659.6 End wk 1554 sec 597665.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0082765343
        VCV xx 0.000120403   VCV xy 0.0000606349
        VCV xz -0.0000268774 VCV yy 0.000280855
        VCV yz -0.0000645379 VCV zz 0.000078274

GPSVEC TP Point ID 46053      DX -6916.011      DY 1494.201
        Class Normal        DZ -2083.201      Code DS-21\R-83-PS
        Obs L1 Fixed        H.pr 0.029      V.pr 0.047

GPSQC1 NM Min SVs          8                PDOP max 2.0
        Relative DOPs Yes    HDOP max 1.1
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored RMS 17.2
        Horz SD              Vert SD
        Start wk 1554 sec 597671.4 End wk 1554 sec 597676.6

GPSQC2 NM Ttl satellites 8      Err Scale 0.0082702423
        VCV xx 0.0001202185 VCV xy 0.0000603398
        VCV xz -0.0000268114 VCV yy 0.0002793783
        VCV yz -0.0000645499 VCV zz 0.0000783939

GPSVEC TP Point ID 46054      DX -6937.129      DY 1497.359
        Class Normal        DZ -2097.033      Code EXT-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.047

GPSQC1 NM Min SVs          8                PDOP max 2.0
        Relative DOPs Yes    HDOP max 1.1
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored RMS 17.0
        Horz SD              Vert SD
        Start wk 1554 sec 597710.8 End wk 1554 sec 597715.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083104158
        VCV xx 0.000121269   VCV xy 0.0000601249
        VCV xz -0.0000268497 VCV yy 0.0002783991
        VCV yz -0.0000655381 VCV zz 0.0000799392

GPSVEC TP Point ID 46055      DX -6937.070      DY 1498.214
        Class Normal        DZ -2095.966      Code TOE-PS
        Obs L1 Fixed        H.pr 0.030      V.pr 0.048

GPSQC1 NM Min SVs          8                PDOP max 2.0
        Relative DOPs Yes    HDOP max 1.1
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored RMS 17.3
        Horz SD              Vert SD
        Start wk 1554 sec 597726.8 End wk 1554 sec 597732.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0085055111
        VCV xx 0.0001274068 VCV xy 0.0000631762
        VCV xz -0.0000284134 VCV yy 0.0002895301
        VCV yz -0.0000690127 VCV zz 0.0000843187

GPSVEC TP Point ID 46056      DX -6939.406      DY 1498.030
        Class Normal        DZ -2097.431      Code EXT-TN
        Obs L1 Fixed        H.pr 0.030      V.pr 0.047
    
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GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.7
          Monitor status Not monitored RMS       13.5
          Horz SD                               Vert SD
          Start wk 1554 sec 597745.0          End wk 1554 sec 597750.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083191823
          VCV xx 0.0001213896       VCV xy 0.0000595791
          VCV xz -0.0000267425      VCV yy 0.0002757864
          VCV yz -0.0000659928      VCV zz 0.0000807903

GPSVEC TP Point ID 46057          DX -6952.530      DY 1502.771
          Class Normal              DZ -2099.025      Code EXT-END
          Obs L1 Fixed              H.pr 0.030       V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.7
          Monitor status Not monitored RMS       15.3
          Horz SD                               Vert SD
          Start wk 1554 sec 597764.0          End wk 1554 sec 597769.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083362516
          VCV xx 0.0001218482       VCV xy 0.0000594977
          VCV xz -0.0000268054      VCV yy 0.0002751067
          VCV yz -0.0000664675      VCV zz 0.000081541

GPSVEC TP Point ID 46058          DX -6958.178      DY 1505.883
          Class Normal              DZ -2098.817      Code SCRAP-TOE
          Obs L1 Fixed              H.pr 0.030       V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.7
          Monitor status Not monitored RMS       15.9
          Horz SD                               Vert SD
          Start wk 1554 sec 597788.4          End wk 1554 sec 597793.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083489986
          VCV xx 0.0001220808       VCV xy 0.0000592
          VCV xz -0.0000267763      VCV yy 0.0002736581
          VCV yz -0.0000668992      VCV zz 0.0000822799

GPSVEC SO Point ID 46059          DX -6243.149      DY 1227.561
          Class Stake out           DZ -2033.057      Code CP106-10-24-09PO
          Obs L1 Fixed              H.pr 0.028       V.pr 0.043

F-CODE SO Code CP106-10-24-09POSTCHK

GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes       HDOP max  1.1
          Total GPS pos 6         VDOP max  1.7
          Monitor status Not monitored RMS       14.6
          Horz SD                               Vert SD
          Start wk 1554 sec 598052.6          End wk 1554 sec 598057.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0079180598
          VCV xx 0.0001101255       VCV xy 0.0000511299
          VCV xz -0.0000256064      VCV yy 0.0002209219
          VCV yz -0.0000587488      VCV zz 0.0000782068

PT DGN SO Name 106              To the Point

GRID D SO Delta N 0.006          Delta E -0.009
          Delta Elv -0.053

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 10/24/2009 Time 19:10:25

NOTE TS Time Date 10/24/2009 Time 21:06:41

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          Measurement True

GPSPOS FD Point ID 01          Lat 36°03'10.41789"N Lng 114°59'30.73489"W
          Class Check          Hgt 1648.363      Code 6-13-08-OPUS-BAS
          Obs User Input        H.pr <null>       V.pr <null>

EQUIP SI Receiver 4700          Serial no <no text>
          Antenna Micro-centered L1/L2 w/Ground
          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 0.207          Measurement True

GPSREF KI Reference 01
    
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INIT  KI  Init event      Gained          Week          1555
       Init type      On the fly     seconds      4035.0
       Init counter   2             Point ID     <no text>
       Survey type   Real Time     Plate H.Dist <null>
       Plate V.Dist  <null>       Plate azimuth <null>

LINE  KI  Line          37             Code          <no text>
       Start Pt     45886         End Pt        45915
       St North    16935.893     End North    16911.821
       St East     14242.128     End East     14216.731
       St Elev     1818.126     End Elev     1817.731
       Start Stn   0.000         Stn Int      <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=4.020

GPSANT KI  Antenna ht 6.562          Measuremt Uncorrected

GPSVEC TP  Point ID 46060          DX -6831.755          DY 1545.355
       Class Normal          DZ -1905.307          Code R-133-PS
       Obs L1 Fixed          H.pr 0.026           V.pr 0.037

GPSQC1 NM  Min SVs          7             PDOP max 1.8
       Relative DOPs Yes     HDOP max 1.1
       Total GPS pos 6       VDOP max 1.5
       Monitor status Not monitored RMS 10.0
       Horz SD                               Vert SD
       Start wk 1555 sec 4219.6           End wk 1555 sec 4225.4

GPSQC2 NM  Ttl satellites 7             Err Scale 0.0077459668
       VCV xx 0.0000504086     VCV xy 0.0000330403
       VCV xz -0.0000311725     VCV yy 0.0001369234
       VCV yz -0.0000645496     VCV zz 0.000125504

GPSVEC TP  Point ID 46061          DX -6788.500          DY 1513.069
       Class Normal          DZ -1919.287          Code R-112-PS
       Obs L1 Fixed          H.pr 0.027           V.pr 0.038

GPSQC1 NM  Min SVs          7             PDOP max 1.8
       Relative DOPs Yes     HDOP max 1.1
       Total GPS pos 6       VDOP max 1.5
       Monitor status Not monitored RMS 13.6
       Horz SD                               Vert SD
       Start wk 1555 sec 4283.8           End wk 1555 sec 4288.8

GPSQC2 NM  Ttl satellites 7             Err Scale 0.0077459668
       VCV xx 0.0000525077     VCV xy 0.0000343203
       VCV xz -0.000032746     VCV yy 0.0001416023
       VCV yz -0.0000687319     VCV zz 0.0001335811

GPSVEC TP  Point ID 46062          DX -6788.328          DY 1512.517
       Class Normal          DZ -1919.887          Code R-112-S
       Obs L1 Fixed          H.pr 0.027           V.pr 0.038

GPSQC1 NM  Min SVs          7             PDOP max 1.9
       Relative DOPs Yes     HDOP max 1.1
       Total GPS pos 6       VDOP max 1.5
       Monitor status Not monitored RMS 13.7
       Horz SD                               Vert SD
       Start wk 1555 sec 4296.8           End wk 1555 sec 4301.8

GPSQC2 NM  Ttl satellites 7             Err Scale 0.0077459668
       VCV xx 0.00005477       VCV xy 0.0000357983
       VCV xz -0.0000342307     VCV yy 0.000147574
       VCV yz -0.0000720516     VCV zz 0.0001399527

GPSVEC TP  Point ID 46063          DX -6787.007          DY 1511.492
       Class Normal          DZ -1920.309          Code R-112-S
       Obs L1 Fixed          H.pr 0.027           V.pr 0.038

GPSQC1 NM  Min SVs          7             PDOP max 1.9
       Relative DOPs Yes     HDOP max 1.1
       Total GPS pos 6       VDOP max 1.6
       Monitor status Not monitored RMS 10.3
       Horz SD                               Vert SD
       Start wk 1555 sec 4308.8           End wk 1555 sec 4313.8

GPSQC2 NM  Ttl satellites 7             Err Scale 0.0077459668
       VCV xx 0.0000548999     VCV xy 0.0000358842
       VCV xz -0.0000343796     VCV yy 0.0001478046
       VCV yz -0.0000725546     VCV zz 0.0001408546

GPSVEC TP  Point ID 46064          DX -6784.743          DY 1510.295
       Class Normal          DZ -1920.487          Code R-112-S
       Obs L1 Fixed          H.pr 0.027           V.pr 0.038

GPSQC1 NM  Min SVs          7             PDOP max 1.9
       Relative DOPs Yes     HDOP max 1.1
       Total GPS pos 6       VDOP max 1.6
       Monitor status Not monitored RMS 13.9
       Horz SD                               Vert SD
       Start wk 1555 sec 4319.0           End wk 1555 sec 4324.0

GPSQC2 NM  Ttl satellites 7             Err Scale 0.0077459668
       VCV xx 0.0000548624     VCV xy 0.0000358791
       VCV xz -0.0000344278     VCV yy 0.0001476508
       VCV yz -0.0000728388     VCV zz 0.0001412679
    
```



GPSQC1 NM Min SVs 7 PDOP max 1.9  
 Relative DOPs Yes HDOP max 1.1  
 Total GPS pos 6 VDOP max 1.6  
 Monitor status Not monitored RMS 12.1  
 Horz SD Vert SD  
 Start wk 1555 sec 4393.4 End wk 1555 sec 4398.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000552191 VCV xy 0.0000361042  
 VCV xz -0.0000350192 VCV yy 0.0001477035  
 VCV yz -0.0000752763 VCV zz 0.0001457522

GPSVEC TP Point ID 46072 DX -6787.339 DY 1513.703  
 Class Normal DZ -1917.834 Code R-112-S  
 Obs L1 Fixed H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.9  
 Relative DOPs Yes HDOP max 1.1  
 Total GPS pos 6 VDOP max 1.6  
 Monitor status Not monitored RMS 13.8  
 Horz SD Vert SD  
 Start wk 1555 sec 4405.4 End wk 1555 sec 4410.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000557227 VCV xy 0.0000364354  
 VCV xz -0.0000353948 VCV yy 0.0001488922  
 VCV yz -0.0000762838 VCV zz 0.0001476725

GPSVEC TP Point ID 46073 DX -6788.204 DY 1513.589  
 Class Normal DZ -1918.530 Code R-112-S  
 Obs L1 Fixed H.pr 0.027 V.pr 0.039

GPSQC1 NM Min SVs 7 PDOP max 1.9  
 Relative DOPs Yes HDOP max 1.1  
 Total GPS pos 6 VDOP max 1.6  
 Monitor status Not monitored RMS 13.9  
 Horz SD Vert SD  
 Start wk 1555 sec 4414.6 End wk 1555 sec 4419.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000555385 VCV xy 0.0000363324  
 VCV xz -0.000035335 VCV yy 0.0001483309  
 VCV yz -0.000076325 VCV zz 0.0001476627

GPSVEC TP Point ID 46074 DX -6928.425 DY 1582.416  
 Class Normal DZ -1917.305 Code SCRAP-PS  
 Obs L1 Fixed H.pr 0.029 V.pr 0.042

GPSQC1 NM Min SVs 7 PDOP max 2.0  
 Relative DOPs Yes HDOP max 1.2  
 Total GPS pos 6 VDOP max 1.7  
 Monitor status Not monitored RMS 11.0  
 Horz SD Vert SD  
 Start wk 1555 sec 4473.8 End wk 1555 sec 4478.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000628838 VCV xy 0.0000410838  
 VCV xz -0.000040216 VCV yy 0.0001666329  
 VCV yz -0.0000879879 VCV zz 0.0001705091

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 10/26/2009 Time 18:48:32

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 Measurement True

GPSPOS FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W  
 Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS  
 Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver 4700 Serial no <no text>  
 Antenna Micro-centered L1/L2 w/Ground  
 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 0.207 Measurement True

GPSREF KI Reference 01

INIT KI Init event Gained Week 1555  
 Init type On the fly seconds 168573.0  
 Init counter 16 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=4.020

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GPSANT KI Antenna ht 6.562 Measurement Uncorrected
GPSVEC TP Point ID 46075 DX -6863.390 DY 1557.497
Class Normal DZ -1909.419 Code R-135-PS
Obs L1 Fixed H.pr 0.074 V.pr 0.124
GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.8
Total GPS pos 7 VDOP max 3.0
Monitor status Not monitored RMS 10.3
Horz SD Vert SD
Start wk 1555 sec 168640.4 End wk 1555 sec 168646.0
GPSQC2 NM Ttl satellites 7 Err Scale 0.012623379
VCV xx 0.0001332533 VCV xy 0.0002229398
VCV xz -0.0002429539 VCV yy 0.0007368543
VCV yz -0.0008179753 VCV zz 0.0010737064
GPSVEC TP Point ID 46076 DX -6664.735 DY 1583.023
Class Normal DZ -1842.304 Code TOE
Obs L1 Fixed H.pr 0.055 V.pr 0.092
GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.8
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 16.9
Horz SD Vert SD
Start wk 1555 sec 168773.6 End wk 1555 sec 168778.6
GPSQC2 NM Ttl satellites 7 Err Scale 0.0093370937
VCV xx 0.0001170386 VCV xy 0.0002042636
VCV xz -0.0002281512 VCV yy 0.0006650998
VCV yz -0.0007483112 VCV zz 0.0009835535
GPSVEC TP Point ID 46077 DX -6662.970 DY 1581.691
Class Normal DZ -1842.866 Code TOE
Obs L1 Fixed H.pr 0.055 V.pr 0.092
GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.8
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 15.4
Horz SD Vert SD
Start wk 1555 sec 168798.8 End wk 1555 sec 168803.8
GPSQC2 NM Ttl satellites 7 Err Scale 0.009385976
VCV xx 0.0001176699 VCV xy 0.0002073729
VCV xz -0.0002324139 VCV yy 0.0006704134
VCV yz -0.0007555982 VCV zz 0.000991761
GPSVEC TP Point ID 46078 DX -6660.432 DY 1580.200
Class Normal DZ -1843.426 Code TOE
Obs L1 Fixed H.pr 0.056 V.pr 0.093
GPSQC1 NM Min SVs 7 PDOP max 3.5
Relative DOPs Yes HDOP max 1.8
Total GPS pos 6 VDOP max 3.0
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1555 sec 168816.8 End wk 1555 sec 168821.8
GPSQC2 NM Ttl satellites 7 Err Scale 0.0095235519
VCV xx 0.000120677 VCV xy 0.0002140085
VCV xz -0.0002404093 VCV yy 0.0006886252
VCV yz -0.0007770445 VCV zz 0.0010190826
GPSVEC TP Point ID 46079 DX -6793.478 DY 1443.470
Class Normal DZ -2079.856 Code EXT-TN
Obs L1 Fixed H.pr 0.049 V.pr 0.076
GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 21.4
Horz SD Vert SD
Start wk 1555 sec 169077.6 End wk 1555 sec 169082.6
GPSQC2 NM Ttl satellites 7 Err Scale 0.0113378195
VCV xx 0.0001313357 VCV xy 0.0001872439
VCV xz -0.0001989812 VCV yy 0.0004761593
VCV yz -0.0004895517 VCV zz 0.000651679

```

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 10/26/2009 Time 19:47:36  
 NOTE TS Time Date 10/29/2009 Time 15:21:22

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 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
Obs User Input H.pr <null> V.pr <null>

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EQUIP  SI  Receiver  4700                      Serial no <no text>
        Antenna  Micro-centered L1/L2 w/Ground
        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 0.207                    Measurement True

GPSREF KI  Reference 01

INIT   KI  Init event  Gained                    Week          1555
        Init type   On the fly                  seconds       415312.0
        Init counter 2                          Point ID      <no text>
        Survey type  Real Time                   Plate H.Dist  <null>
        Plate V.Dist <null>                     Plate azimuth <null>

SURVEY EVENTKISurvey event Survey ended

NOTE   TS  Time Date 11/02/2009 Time 09:03:17

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                    Measurement True

GPSPOS  FD  Point ID 01                      Lat  36°03'10.41789"N Lng 114°59'30.73489"W
        Class Check Hgt 1648.363              Code 6-13-08-OPUS-BAS
        Obs User Input H.pr <null>              V.pr <null>

EQUIP  SI  Receiver  4700                      Serial no <no text>
        Antenna  Micro-centered L1/L2 w/Ground
        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 0.207                    Measurement True

GPSREF KI  Reference 01

INIT   KI  Init event  Gained                    Week          1556
        Init type   On the fly                  seconds       147840.0
        Init counter 2                          Point ID      <no text>
        Survey type  Real Time                   Plate H.Dist  <null>
        Plate V.Dist <null>                     Plate azimuth <null>

SURVEY EVENTKISurvey event Survey ended

NOTE   TS  Time Date 11/10/2009 Time 14:27:09

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

GPSANT KI  Antenna ht 0.000                    Measurement True

GPSPOS  FD  Point ID 01                      Lat  36°03'10.41789"N Lng 114°59'30.73489"W
        Class Check Hgt 1648.363              Code 6-13-08-OPUS-BAS
        Obs User Input H.pr <null>              V.pr <null>

EQUIP  SI  Receiver  4700                      Serial no <no text>
        Antenna  Micro-centered L1/L2 w/Ground
        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 0.207                    Measurement True

GPSREF KI  Reference 01

INIT   KI  Init event  Gained                    Week          1557
        Init type   On the fly                  seconds       253682.0
        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          1557
        Init type   On the fly                  seconds       253683.0
        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          1557
        Init type   On the fly                  seconds       253685.0
        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=4.020

GPSANT  KI  Antenna ht 6.562          Measuremt Uncorrected

GPSVEC  TP  Point ID 46080          DX -6970.157          DY 1598.460
        Class Normal          DZ -1922.097          Code SCRAP-PS
        Obs L1 Fixed          H.pr 0.024          V.pr 0.054

GPSQC1  NM  Min SVs 7          PDOP max 2.5
        Relative DOPs Yes          HDOP max 1.3
        Total GPS pos 6          VDOP max 2.2
        Monitor status Not monitored          RMS 11.9
        Horz SD          Vert SD
        Start wk 1557 sec 253756.6          End wk 1557 sec 253761.6

GPSQC2  NM  Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000882898          VCV xy 0.0001054872
        VCV xz -0.0000943216          VCV yy 0.0002589642
        VCV yz -0.0001692193          VCV zz 0.0002007791

GPSVEC  TP  Point ID 46081          DX -6970.831          DY 1595.084
        Class Normal          DZ -1926.557          Code SCRAP-PS
        Obs L1 Fixed          H.pr 0.032          V.pr 0.055

GPSQC1  NM  Min SVs 7          PDOP max 2.5
        Relative DOPs Yes          HDOP max 1.3
        Total GPS pos 8          VDOP max 2.3
        Monitor status Not monitored          RMS 13.4
        Horz SD          Vert SD
        Start wk 1557 sec 253767.6          End wk 1557 sec 253774.6

GPSQC2  NM  Ttl satellites 7          Err Scale 0.0077666752
        VCV xx 0.0001005323          VCV xy 0.0001200752
        VCV xz -0.0001072226          VCV yy 0.0002954236
        VCV yz -0.0001923481          VCV zz 0.0002279124

GPSVEC  TP  Point ID 46082          DX -6991.404          DY 1602.820
        Class Normal          DZ -1929.245          Code SCRAP-PS
        Obs L1 Fixed          H.pr 0.032          V.pr 0.056

GPSQC1  NM  Min SVs 7          PDOP max 2.5
        Relative DOPs Yes          HDOP max 1.3
        Total GPS pos 6          VDOP max 2.2
        Monitor status Not monitored          RMS 14.7
        Horz SD          Vert SD
        Start wk 1557 sec 253785.8          End wk 1557 sec 253790.8

GPSQC2  NM  Ttl satellites 7          Err Scale 0.0078862188
        VCV xx 0.0001035922          VCV xy 0.0001236567
        VCV xz -0.0001102151          VCV yy 0.0003050774
        VCV yz -0.000197634          VCV zz 0.0002337797

GPSVEC  TP  Point ID 46083          DX -6990.653          DY 1606.541
        Class Normal          DZ -1924.366          Code SCRAP-PS
        Obs L1 Fixed          H.pr 0.033          V.pr 0.057

GPSQC1  NM  Min SVs 7          PDOP max 2.5
        Relative DOPs Yes          HDOP max 1.3
        Total GPS pos 7          VDOP max 2.2
        Monitor status Not monitored          RMS 14.9
        Horz SD          Vert SD
        Start wk 1557 sec 253797.0          End wk 1557 sec 253802.8

GPSQC2  NM  Ttl satellites 7          Err Scale 0.008127532
        VCV xx 0.0001099774          VCV xy 0.0001312319
        VCV xz -0.000116805          VCV yy 0.0003243864
        VCV yz -0.0002093966          VCV zz 0.0002473836

GPSVEC  TP  Point ID 46084          DX -7011.864          DY 1614.442
        Class Normal          DZ -1927.356          Code SCRAP-PS
        Obs L1 Fixed          H.pr 0.035          V.pr 0.060

GPSQC1  NM  Min SVs 7          PDOP max 2.5
        Relative DOPs Yes          HDOP max 1.3
        Total GPS pos 6          VDOP max 2.2
        Monitor status Not monitored          RMS 17.6
        Horz SD          Vert SD
        Start wk 1557 sec 253814.0          End wk 1557 sec 253819.0

GPSQC2  NM  Ttl satellites 7          Err Scale 0.0084427288
        VCV xx 0.0001186193          VCV xy 0.0001414739
        VCV xz -0.0001256621          VCV yy 0.0003505883
        VCV yz -0.0002251641          VCV zz 0.0002655427

GPSVEC  TP  Point ID 46085          DX -7012.218          DY 1612.784
        Class Normal          DZ -1929.475          Code SCRAP-PS
        Obs L1 Fixed          H.pr 0.034          V.pr 0.058

GPSQC1  NM  Min SVs 7          PDOP max 2.5
        Relative DOPs Yes          HDOP max 1.3
        Total GPS pos 6          VDOP max 2.1
        Monitor status Not monitored          RMS 14.4
        Horz SD          Vert SD
        Start wk 1557 sec 253831.0          End wk 1557 sec 253836.0
    
```

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0081676869
VCV xx 0.0001109317 VCV xy 0.0001322903
VCV xz -0.0001172255 VCV yy 0.0003286423
VCV yz -0.0002100058 VCV zz 0.000247126

GPSVEC TP Point ID 46086 DX -7032.722 DY 1620.496
Class Normal DZ -1932.251 Code SCRAP-PS
Obs L1 Fixed H.pr 0.034 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.8
Horz SD Vert SD
Start wk 1557 sec 253846.0 End wk 1557 sec 253851.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0083226422
VCV xx 0.0001151315 VCV xy 0.0001372585
VCV xz -0.0001213851 VCV yy 0.0003417311
VCV yz -0.0002173771 VCV zz 0.0002553604

GPSVEC TP Point ID 46087 DX -7032.451 DY 1621.718
Class Normal DZ -1930.702 Code SCRAP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 19 VDOP max 2.1
Monitor status Not monitored RMS 16.9
Horz SD Vert SD
Start wk 1557 sec 253856.0 End wk 1557 sec 253874.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090352055
VCV xx 0.0001354598 VCV xy 0.0001614915
VCV xz -0.0001424988 VCV yy 0.0004031987
VCV yz -0.0002552305 VCV zz 0.0002991526

GPSVEC TP Point ID 46088 DX -7053.812 DY 1629.612
Class Normal DZ -1933.067 Code SCRAP-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.2
Total GPS pos 8 VDOP max 2.1
Monitor status Not monitored RMS 17.2
Horz SD Vert SD
Start wk 1557 sec 253889.4 End wk 1557 sec 253896.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090046432
VCV xx 0.0001329532 VCV xy 0.0001584177
VCV xz -0.0001393233 VCV yy 0.0003967648
VCV yz -0.0002493125 VCV zz 0.0002914591

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 11/10/2009 Time 17:55:38
NOTE TS Time Date 11/12/2009 Time 10:37:31

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 FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver 4700 Serial no <no text>
Antenna Micro-centered L1/L2 w/Ground
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 0.207 Measuremt True

GPSREF KI Reference 01

INIT KI Init event Gained Week 1557
Init type On the fly seconds 412699.0
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 1557
Init type On the fly seconds 412700.0
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 1557
Init type On the fly seconds 412702.0
Init counter 3 Point ID <no text>
Survey type Real Time Plate H.Dist <null>
Plate V.Dist <null> Plate azimuth <null>

```

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

NOTE    NM Receiver firmware version=4.020

GPSANT  KI Antenna ht 6.562 Measurement Uncorrected

GPSVEC  TP Point ID 46089 DX -7053.899 DY 1628.669
        Class Normal DZ -1934.303 Code SCRAP-PS
        Obs L1 Fixed H.pr 0.027 V.pr 0.057

GPSQC1  NM Min SVs 7 PDOP max 2.5
        Relative DOPs Yes HDOP max 1.1
        Total GPS pos 6 VDOP max 2.3
        Monitor status Not monitored RMS 15.9
        Horz SD Vert SD
        Start wk 1557 sec 413064.2 End wk 1557 sec 413069.4

GPSQC2  NM Ttl satellites 7 Err Scale 0.0077459668
        VCV xx 0.000072326 VCV xy 0.0000852605
        VCV xz -0.0000818996 VCV yy 0.0002449524
        VCV yz -0.0002081793 VCV zz 0.0002969662

GPSVEC  TP Point ID 46090 DX -7074.768 DY 1635.788
        Class Normal DZ -1936.541 Code SCRAP-PS
        Obs L1 Fixed H.pr 0.028 V.pr 0.057

GPSQC1  NM Min SVs 7 PDOP max 2.5
        Relative DOPs Yes HDOP max 1.3
        Total GPS pos 6 VDOP max 2.3
        Monitor status Not monitored RMS 13.9
        Horz SD Vert SD
        Start wk 1557 sec 413090.4 End wk 1557 sec 413095.4

GPSQC2  NM Ttl satellites 7 Err Scale 0.0077459668
        VCV xx 0.0000736703 VCV xy 0.0000868656
        VCV xz -0.0000840356 VCV yy 0.0002490776
        VCV yz -0.0002123943 VCV zz 0.0003040478

GPSVEC  TP Point ID 46091 DX -7096.320 DY 1642.470
        Class Normal DZ -1939.448 Code SCRAP-PS
        Obs L1 Fixed H.pr 0.032 V.pr 0.057

GPSQC1  NM Min SVs 7 PDOP max 2.5
        Relative DOPs Yes HDOP max 1.3
        Total GPS pos 6 VDOP max 2.2
        Monitor status Not monitored RMS 12.6
        Horz SD Vert SD
        Start wk 1557 sec 413144.8 End wk 1557 sec 413149.8

GPSQC2  NM Ttl satellites 7 Err Scale 0.0078661926
        VCV xx 0.0000780992 VCV xy 0.0000921323
        VCV xz -0.0000905212 VCV yy 0.0002628876
        VCV yz -0.0002258297 VCV zz 0.0003256935

SURVEY  EVENTKISurvey event Survey ended

NOTE    TS Time Date 11/12/2009 Time 12:55:35

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 Measurement True

GPSPOS  FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
        Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
        Obs User Input H.pr <null> V.pr <null>

EQUIP  SI Receiver 4700 Serial no <no text>
        Antenna Micro-centered L1/L2 w/Ground
        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 0.207 Measurement True

GPSREF  KI Reference 01

INIT    KI Init event Gained Week 1557
        Init type On the fly seconds 420978.0
        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 1557
        Init type On the fly seconds 420979.0
        Init counter 2 Point ID <no text>
        Survey type Real Time Plate H.Dist <null>
        Plate V.Dist <null> Plate azimuth <null>
    
```

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INIT  KI  Init event      Gained          Week           1557
       KI  Init type       On the fly     seconds       420981.0
       KI  Init counter    3             Point ID      <no text>
       KI  Survey type    Real Time     Plate H.Dist  <null>
       KI  Plate V.Dist    <null>       Plate azimuth <null>

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

NOTE   NM  Receiver firmware version=4.020

GPSANT KI  Antenna ht 6.562          Measuremt Uncorrected

GPSVEC TP  Point ID 46092          DX -7117.267          DY 1649.511
       TP  Class Normal          DZ -1941.627          Code SCRAP-PS
       TP  Obs L1 Fixed          H.pr 0.026           V.pr 0.041

GPSQC1 NM  Min SVs      8             PDOP max 1.9
       NM  Relative DOPs Yes          HDOP max 1.0
       NM  Total GPS pos 7          VDOP max 1.6
       NM  Monitor status Not monitored RMS 14.3
       NM  Horz SD                               Vert SD
       NM  Start wk 1557 sec 421049.8          End wk 1557 sec 421055.6

GPSQC2 NM  Ttl satellites 8          Err Scale 0.0079609621
       NM  VCV xx 0.0000974409          VCV xy 0.0000629778
       NM  VCV xz -0.0000204908          VCV yy 0.000173516
       NM  VCV yz -0.0000795788          VCV zz 0.0001024463

GPSVEC TP  Point ID 46093          DX -7138.634          DY 1656.564
       TP  Class Normal          DZ -1944.043          Code SCRAP-PS
       TP  Obs L1 Fixed          H.pr 0.028           V.pr 0.043

GPSQC1 NM  Min SVs      8             PDOP max 1.9
       NM  Relative DOPs Yes          HDOP max 1.0
       NM  Total GPS pos 6          VDOP max 1.6
       NM  Monitor status Not monitored RMS 16.4
       NM  Horz SD                               Vert SD
       NM  Start wk 1557 sec 421068.6          End wk 1557 sec 421073.6

GPSQC2 NM  Ttl satellites 8          Err Scale 0.0083311843
       NM  VCV xx 0.0001051085          VCV xy 0.0000678807
       NM  VCV xz -0.0000221755          VCV yy 0.0001889069
       NM  VCV yz -0.0000880289          VCV zz 0.0001134328

GPSVEC TP  Point ID 46094          DX -7159.802          DY 1663.344
       TP  Class Normal          DZ -1946.973          Code SCRAP-PS
       TP  Obs L1 Fixed          H.pr 0.027           V.pr 0.043

GPSQC1 NM  Min SVs      8             PDOP max 1.9
       NM  Relative DOPs Yes          HDOP max 1.0
       NM  Total GPS pos 6          VDOP max 1.6
       NM  Monitor status Not monitored RMS 15.0
       NM  Horz SD                               Vert SD
       NM  Start wk 1557 sec 421099.6          End wk 1557 sec 421104.6

GPSQC2 NM  Ttl satellites 8          Err Scale 0.0083013522
       NM  VCV xx 0.0001019129          VCV xy 0.0000657914
       NM  VCV xz -0.0000216523          VCV yy 0.0001857428
       NM  VCV yz -0.0000886763          VCV zz 0.0001144151

GPSVEC TP  Point ID 46095          DX -7180.852          DY 1670.743
       TP  Class Normal          DZ -1949.380          Code SCRAP-PS
       TP  Obs L1 Fixed          H.pr 0.027           V.pr 0.043

GPSQC1 NM  Min SVs      8             PDOP max 1.9
       NM  Relative DOPs Yes          HDOP max 1.0
       NM  Total GPS pos 6          VDOP max 1.6
       NM  Monitor status Not monitored RMS 13.3
       NM  Horz SD                               Vert SD
       NM  Start wk 1557 sec 421119.8          End wk 1557 sec 421124.8

GPSQC2 NM  Ttl satellites 8          Err Scale 0.0082756579
       NM  VCV xx 0.0000999272          VCV xy 0.0000645297
       NM  VCV xz -0.0000213517          VCV yy 0.0001834846
       NM  VCV yz -0.000088723          VCV zz 0.0001145448

GPSVEC TP  Point ID 46096          DX -7201.771          DY 1679.108
       TP  Class Normal          DZ -1950.915          Code SCRAP-PS
       TP  Obs L1 Fixed          H.pr 0.029           V.pr 0.045

GPSQC1 NM  Min SVs      8             PDOP max 1.9
       NM  Relative DOPs Yes          HDOP max 1.0
       NM  Total GPS pos 6          VDOP max 1.6
       NM  Monitor status Not monitored RMS 15.9
       NM  Horz SD                               Vert SD
       NM  Start wk 1557 sec 421142.8          End wk 1557 sec 421148.0

GPSQC2 NM  Ttl satellites 8          Err Scale 0.0086569898
       NM  VCV xx 0.0001078322          VCV xy 0.0000697164
       NM  VCV xz -0.0000232227          VCV yy 0.0001994322
       NM  VCV yz -0.0000976777          VCV zz 0.000126167

GPSVEC TP  Point ID 46097          DX -7222.914          DY 1685.885
       TP  Class Normal          DZ -1954.749          Code SCRAP-PS
       TP  Obs L1 Fixed          H.pr 0.028           V.pr 0.044
    
```

GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.1
		Horz SD		Vert SD	
		Start wk 1557 sec	421165.0	End wk 1557 sec	421170.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086134914
		VCV xx	0.0001053518	VCV xy	0.0000681618
		VCV xz	-0.0000228553	VCV yy	0.0001962007
		VCV yz	-0.0000971942	VCV zz	0.0001256032
GPSVEC	TP	Point ID 46098		DX -7243.767	DY 1693.530
		Class Normal		DZ -1957.496	Code SCRAP-PS
		Obs L1 Fixed		H.pr 0.028	V.pr 0.044
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.6
		Horz SD		Vert SD	
		Start wk 1557 sec	421184.4	End wk 1557 sec	421189.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086471438
		VCV xx	0.0001050135	VCV xy	0.0000680165
		VCV xz	-0.0000229501	VCV yy	0.0001966436
		VCV yz	-0.0000983043	VCV zz	0.0001270789
GPSVEC	TP	Point ID 46099		DX -7264.926	DY 1700.624
		Class Normal		DZ -1961.036	Code SCRAP-PS
		Obs L1 Fixed		H.pr 0.028	V.pr 0.044
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	15.9
		Horz SD		Vert SD	
		Start wk 1557 sec	421202.6	End wk 1557 sec	421207.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0086389137
		VCV xx	0.0001037791	VCV xy	0.0000673112
		VCV xz	-0.0000228512	VCV yy	0.0001952767
		VCV yz	-0.0000984384	VCV zz	0.0001272841
GPSVEC	TP	Point ID 46100		DX -7285.804	DY 1708.285
		Class Normal		DZ -1963.837	Code SCRAP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.3
		Horz SD		Vert SD	
		Start wk 1557 sec	421219.8	End wk 1557 sec	421224.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0088086734
		VCV xx	0.0001068933	VCV xy	0.0000694217
		VCV xz	-0.0000237034	VCV yy	0.0002020302
		VCV yz	-0.0001026033	VCV zz	0.0001326983
GPSVEC	TP	Point ID 46101		DX -7306.690	DY 1715.759
		Class Normal		DZ -1966.995	Code SCRAP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	16.2
		Horz SD		Vert SD	
		Start wk 1557 sec	421242.0	End wk 1557 sec	421247.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0089204181
		VCV xx	0.0001083452	VCV xy	0.0000704924
		VCV xz	-0.0000242517	VCV yy	0.0002059344
		VCV yz	-0.0001055712	VCV zz	0.0001365711
GPSVEC	TP	Point ID 46102		DX -7327.534	DY 1723.778
		Class Normal		DZ -1969.635	Code SCRAP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	16.5
		Horz SD		Vert SD	
		Start wk 1557 sec	421263.0	End wk 1557 sec	421268.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0089460928
		VCV xx	0.0001078082	VCV xy	0.0000702742
		VCV xz	-0.0000243594	VCV yy	0.0002059808
		VCV yz	-0.0001064948	VCV zz	0.000137796
GPSVEC	TP	Point ID 46103		DX -7348.435	DY 1731.462
		Class Normal		DZ -1972.617	Code SCRAP-PS
		Obs L1 Fixed		H.pr 0.030	V.pr 0.046
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	14.7
		Horz SD		Vert SD	
		Start wk 1557 sec	421280.4	End wk 1557 sec	421285.4

GPSQC2	NM	Ttl satellites 8		Err Scale	0.0090312436
		VCV xx 0.0001088572		VCV xy	0.000071079
		VCV xz -0.0000248028		VCV yy	0.0002088975
		VCV yz -0.0001087686		VCV zz	0.0001407635
GPSVEC	TP	Point ID 46104	DX -7369.207	DY	1739.634
		Class Normal	DZ -1974.791	Code	SCRAP-PS
		Obs L1 Fixed	H.pr 0.030	V.pr	0.046
GPSQC1	NM	Min SVs 8		PDOP max	1.8
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 5		VDOP max	1.5
		Monitor status Not monitored		RMS	18.5
		Horz SD		Vert SD	
		Start wk 1557 sec 421303.6		End wk 1557 sec 421309.4	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0091569256
		VCV xx 0.0001105235		VCV xy	0.0000723289
		VCV xz -0.0000254613		VCV yy	0.0002133646
		VCV yz -0.0001121377		VCV zz	0.0001451542
GPSVEC	TP	Point ID 46105	DX -7390.349	DY	1746.592
		Class Normal	DZ -1978.288	Code	SCRAP-PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.047
GPSQC1	NM	Min SVs 8		PDOP max	1.8
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.5
		Monitor status Not monitored		RMS	16.9
		Horz SD		Vert SD	
		Start wk 1557 sec 421330.6		End wk 1557 sec 421335.8	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0092909485
		VCV xx 0.0001122423		VCV xy	0.0000736665
		VCV xz -0.0000261967		VCV yy	0.000218099
		VCV yz -0.0001158161		VCV zz	0.0001499499
GPSVEC	TP	Point ID 46106	DX -7411.418	DY	1754.014
		Class Normal	DZ -1980.855	Code	SCRAP-PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.047
GPSQC1	NM	Min SVs 8		PDOP max	1.8
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.5
		Monitor status Not monitored		RMS	15.4
		Horz SD		Vert SD	
		Start wk 1557 sec 421361.0		End wk 1557 sec 421366.0	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0094465548
		VCV xx 0.0001142148		VCV xy	0.000075213
		VCV xz -0.000027066		VCV yy	0.0002236375
		VCV yz -0.0001201517		VCV zz	0.0001556008
GPSVEC	TP	Point ID 46107	DX -7432.345	DY	1762.062
		Class Normal	DZ -1982.644	Code	SCRAP-PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.047
GPSQC1	NM	Min SVs 8		PDOP max	1.8
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 5		VDOP max	1.5
		Monitor status Not monitored		RMS	15.6
		Horz SD		Vert SD	
		Start wk 1557 sec 421447.4		End wk 1557 sec 421452.6	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0094896657
		VCV xx 0.0001099812		VCV xy	0.0000732107
		VCV xz -0.0000273242		VCV yy	0.0002203874
		VCV yz -0.0001224368		VCV zz	0.0001586632
GPSVEC	TP	Point ID 46108	DX -7436.254	DY	1742.434
		Class Normal	DZ -2008.130	Code	PS
		Obs L1 Fixed	H.pr 0.033	V.pr	0.049
GPSQC1	NM	Min SVs 8		PDOP max	1.8
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.5
		Monitor status Not monitored		RMS	20.3
		Horz SD		Vert SD	
		Start wk 1557 sec 421620.8		End wk 1557 sec 421626.4	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0100775948
		VCV xx 0.0001125446		VCV xy	0.0000769333
		VCV xz -0.0000311319		VCV yy	0.0002371992
		VCV yz -0.0001407549		VCV zz	0.0001826451
GPSVEC	TP	Point ID 46109	DX -7426.767	DY	1739.531
		Class Normal	DZ -2006.370	Code	P-124
		Obs L1 Fixed	H.pr 0.033	V.pr	0.048
GPSQC1	NM	Min SVs 8		PDOP max	1.8
		Relative DOPs Yes		HDOP max	1.0
		Total GPS pos 6		VDOP max	1.5
		Monitor status Not monitored		RMS	16.7
		Horz SD		Vert SD	
		Start wk 1557 sec 421650.6		End wk 1557 sec 421655.6	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0100652054
		VCV xx 0.0001103924		VCV xy	0.000075856
		VCV xz -0.0000311432		VCV yy	0.0002347134
		VCV yz -0.0001408044		VCV zz	0.0001827708

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GPSVEC TP Point ID 46110      DX -7415.095      DY 1735.625
        Class Normal        DZ -2004.739      Code PS
        Obs L1 Fixed        H.pr 0.033       V.pr 0.048

GPSQC1 NM Min SVs          8                PDOP max 1.8
        Relative DOPs Yes   HDOP max 1.0
        Total GPS pos 6     VDOP max 1.5
        Monitor status Not monitored RMS 20.2
        Horz SD              Vert SD
        Start wk 1557 sec 421681.8 End wk 1557 sec 421686.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0100128045
        VCV xx 0.0001073181 VCV xy 0.0000741538
        VCV xz -0.0000309168 VCV yy 0.0002304053
        VCV yz -0.0001398146 VCV zz 0.0001815322

GPSVEC TP Point ID 46111      DX -7405.887      DY 1731.841
        Class Normal        DZ -2004.189      Code P-123
        Obs L1 Fixed        H.pr 0.031       V.pr 0.049

GPSQC1 NM Min SVs          7                PDOP max 2.3
        Relative DOPs Yes   HDOP max 1.2
        Total GPS pos 6     VDOP max 1.9
        Monitor status Not monitored RMS 18.4
        Horz SD              Vert SD
        Start wk 1557 sec 421713.0 End wk 1557 sec 421718.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0001055765 VCV xy 0.0000734092
        VCV xz -0.00003111 VCV yy 0.0002296379
        VCV yz -0.0001414839 VCV zz 0.0001837601

GPSVEC TP Point ID 46112      DX -7394.128      DY 1727.994
        Class Normal        DZ -2002.337      Code PS
        Obs L1 Fixed        H.pr 0.032       V.pr 0.052

GPSQC1 NM Min SVs          7                PDOP max 2.4
        Relative DOPs Yes   HDOP max 1.3
        Total GPS pos 7     VDOP max 2.0
        Monitor status Not monitored RMS 15.7
        Horz SD              Vert SD
        Start wk 1557 sec 421740.4 End wk 1557 sec 421746.2

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0001102555 VCV xy 0.0000773532
        VCV xz -0.0000334102 VCV yy 0.0002503358
        VCV yz -0.0001619252 VCV zz 0.0002105882

GPSVEC TP Point ID 46113      DX -7384.044      DY 1724.427
        Class Normal        DZ -2000.993      Code P-122
        Obs L1 Fixed        H.pr 0.031       V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 2.4
        Relative DOPs Yes   HDOP max 1.3
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 15.5
        Horz SD              Vert SD
        Start wk 1557 sec 421766.4 End wk 1557 sec 421771.6

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0001028439 VCV xy 0.0000726715
        VCV xz -0.0000319959 VCV yy 0.0002408325
        VCV yz -0.0001601067 VCV zz 0.0002079154

GPSVEC TP Point ID 46114      DX -7373.247      DY 1719.976
        Class Normal        DZ -2000.125      Code PS
        Obs L1 Fixed        H.pr 0.031       V.pr 0.051

GPSQC1 NM Min SVs          7                PDOP max 2.4
        Relative DOPs Yes   HDOP max 1.3
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 12.0
        Horz SD              Vert SD
        Start wk 1557 sec 421790.8 End wk 1557 sec 421795.8

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0001013278 VCV xy 0.0000721339
        VCV xz -0.000032304 VCV yy 0.0002427428
        VCV yz -0.0001648498 VCV zz 0.0002140652

GPSVEC TP Point ID 46115      DX -7363.620      DY 1715.743
        Class Normal        DZ -1999.648      Code P-121
        Obs L1 Fixed        H.pr 0.031       V.pr 0.052

GPSQC1 NM Min SVs          7                PDOP max 2.4
        Relative DOPs Yes   HDOP max 1.3
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 13.8
        Horz SD              Vert SD
        Start wk 1557 sec 421816.0 End wk 1557 sec 421821.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000999924 VCV xy 0.000071739
        VCV xz -0.0000326926 VCV yy 0.0002442461
        VCV yz -0.0001688037 VCV zz 0.0002191977

GPSVEC TP Point ID 46116      DX -7352.425      DY 1711.936
        Class Normal        DZ -1997.696      Code PS
        Obs L1 Fixed        H.pr 0.031       V.pr 0.052
    
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GPSQC1	NM	Min SVs	7	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.8
		Horz SD		Vert SD	
		Start wk 1557 sec	421837.2	End wk 1557 sec	421842.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0000995994	VCV xy	0.0000719472
		VCV xz	-0.0000332759	VCV yy	0.000246787
		VCV yz	-0.0001727434	VCV zz	0.000224335
GPSVEC	TP	Point ID 46117		DX -7342.341	DY 1707.733
		Class Normal		DZ -1996.948	Code P-120
		Obs L1 Fixed		H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	12.3
		Horz SD		Vert SD	
		Start wk 1557 sec	421858.2	End wk 1557 sec	421863.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0000982535	VCV xy	0.000071444
		VCV xz	-0.0000335188	VCV yy	0.0002465473
		VCV yz	-0.0001744175	VCV zz	0.0002264883
GPSVEC	TP	Point ID 46118		DX -7331.576	DY 1704.001
		Class Normal		DZ -1995.166	Code PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.052
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	12.0
		Horz SD		Vert SD	
		Start wk 1557 sec	421877.4	End wk 1557 sec	421882.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0000974481	VCV xy	0.0000713164
		VCV xz	-0.0000339172	VCV yy	0.0002472206
		VCV yz	-0.0001765146	VCV zz	0.0002292177
GPSVEC	TP	Point ID 46119		DX -7321.879	DY 1700.199
		Class Normal		DZ -1994.096	Code P-119
		Obs L1 Fixed		H.pr 0.031	V.pr 0.053
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.5
		Horz SD		Vert SD	
		Start wk 1557 sec	421900.4	End wk 1557 sec	421905.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0000967204	VCV xy	0.0000713169
		VCV xz	-0.000034448	VCV yy	0.000248311
		VCV yz	-0.0001790136	VCV zz	0.0002324454
GPSVEC	TP	Point ID 46120		DX -7310.481	DY 1696.909
		Class Normal		DZ -1991.446	Code PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.053
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	5	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.5
		Horz SD		Vert SD	
		Start wk 1557 sec	421922.4	End wk 1557 sec	421927.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0000964201	VCV xy	0.0000716192
		VCV xz	-0.0000351102	VCV yy	0.0002501838
		VCV yz	-0.000181925	VCV zz	0.0002362304
GPSVEC	TP	Point ID 46121		DX -7299.388	DY 1693.408
		Class Normal		DZ -1989.271	Code P-118
		Obs L1 Fixed		H.pr 0.031	V.pr 0.053
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	12.0
		Horz SD		Vert SD	
		Start wk 1557 sec	421959.8	End wk 1557 sec	421964.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0000953811	VCV xy	0.0000717831
		VCV xz	-0.0000360917	VCV yy	0.0002518308
		VCV yz	-0.0001856766	VCV zz	0.0002410972
GPSVEC	TP	Point ID 46122		DX -7289.531	DY 1689.663
		Class Normal		DZ -1988.020	Code PS
		Obs L1 Fixed		H.pr 0.031	V.pr 0.054
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	11.9
		Horz SD		Vert SD	
		Start wk 1557 sec	421989.8	End wk 1557 sec	421994.8

GPSQC2	NM	Ttl satellites 7		Err Scale	0.0077459668
		VCV xx 0.0000941752		VCV xy	0.0000716336
		VCV xz -0.000036747		VCV yy	0.0002519907
		VCV yz -0.0001877226		VCV zz	0.0002437511
GPSVEC	TP	Point ID 46123	DX -7279.576	DY	1685.069
		Class Normal	DZ -1987.879	Code	P-117
		Obs L1 Fixed	H.pr 0.031	V.pr	0.054
GPSQC1	NM	Min SVs 7		PDOP max	2.5
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	15.4
		Horz SD		Vert SD	
		Start wk 1557 sec 422018.8		End wk 1557 sec 422024.0	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0077459668
		VCV xx 0.0000939359		VCV xy	0.0000722006
		VCV xz -0.0000377553		VCV yy	0.0002545264
		VCV yz -0.00019143		VCV zz	0.0002485691
GPSVEC	TP	Point ID 46124	DX -7269.070	DY	1680.239
		Class Normal	DZ -1987.652	Code	PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.054
GPSQC1	NM	Min SVs 7		PDOP max	2.5
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	11.9
		Horz SD		Vert SD	
		Start wk 1557 sec 422044.0		End wk 1557 sec 422049.2	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0077459668
		VCV xx 0.0000933153		VCV xy	0.0000723687
		VCV xz -0.0000384609		VCV yy	0.0002555044
		VCV yz -0.0001936863		VCV zz	0.0002515184
GPSVEC	TP	Point ID 46125	DX -7258.637	DY	1676.725
		Class Normal	DZ -1985.992	Code	P-116
		Obs L1 Fixed	H.pr 0.031	V.pr	0.054
GPSQC1	NM	Min SVs 7		PDOP max	2.5
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	12.1
		Horz SD		Vert SD	
		Start wk 1557 sec 422072.2		End wk 1557 sec 422077.2	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0077459668
		VCV xx 0.0000923527		VCV xy	0.0000723643
		VCV xz -0.0000391603		VCV yy	0.0002558608
		VCV yz -0.0001956535		VCV zz	0.0002540899
GPSVEC	TP	Point ID 46126	DX -7248.065	DY	1672.953
		Class Normal	DZ -1984.491	Code	PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.055
GPSQC1	NM	Min SVs 7		PDOP max	2.5
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	13.8
		Horz SD		Vert SD	
		Start wk 1557 sec 422099.4		End wk 1557 sec 422104.4	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0077459668
		VCV xx 0.0000914943		VCV xy	0.0000724495
		VCV xz -0.0000399164		VCV yy	0.0002564829
		VCV yz -0.0001978198		VCV zz	0.0002569221
GPSVEC	TP	Point ID 46127	DX -7237.676	DY	1669.240
		Class Normal	DZ -1983.091	Code	P-115
		Obs L1 Fixed	H.pr 0.031	V.pr	0.055
GPSQC1	NM	Min SVs 7		PDOP max	2.5
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	13.5
		Horz SD		Vert SD	
		Start wk 1557 sec 422129.4		End wk 1557 sec 422134.4	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0077459668
		VCV xx 0.0000908956		VCV xy	0.0000728195
		VCV xz -0.0000409002		VCV yy	0.0002580979
		VCV yz -0.0002009012		VCV zz	0.0002609364
GPSVEC	TP	Point ID 46128	DX -7227.046	DY	1665.654
		Class Normal	DZ -1981.280	Code	PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.055
GPSQC1	NM	Min SVs 7		PDOP max	2.5
		Relative DOPs Yes		HDOP max	1.2
		Total GPS pos 6		VDOP max	2.2
		Monitor status Not monitored		RMS	15.2
		Horz SD		Vert SD	
		Start wk 1557 sec 422150.8		End wk 1557 sec 422155.8	
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0077459668
		VCV xx 0.0000908708		VCV xy	0.0000733959
		VCV xz -0.0000417742		VCV yy	0.0002603284
		VCV yz -0.0002039189		VCV zz	0.0002648786

GPSVEC	TP	Point ID 46129	DX -7217.127	DY 1662.135
		Class Normal	DZ -1979.893	Code P-114
		Obs L1 Fixed	H.pr 0.031	V.pr 0.056
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 13.5	
		Horz SD	Vert SD	
		Start wk 1557 sec 422175.8	End wk 1557 sec 422181.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0000912089	VCV xy 0.0000744	
		VCV xz -0.0000430095	VCV yy 0.000264027	
		VCV yz -0.0002083649	VCV zz 0.0002707019	
GPSVEC	TP	Point ID 46130	DX -7205.890	DY 1658.466
		Class Normal	DZ -1977.998	Code PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.056
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 13.5	
		Horz SD	Vert SD	
		Start wk 1557 sec 422198.0	End wk 1557 sec 422203.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0000910456	VCV xy 0.0000749199	
		VCV xz -0.0000439071	VCV yy 0.0002660834	
		VCV yz -0.0002113496	VCV zz 0.0002745853	
GPSVEC	TP	Point ID 46131	DX -7195.544	DY 1654.037
		Class Normal	DZ -1977.638	Code P-113
		Obs L1 Fixed	H.pr 0.031	V.pr 0.056
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 12.0	
		Horz SD	Vert SD	
		Start wk 1557 sec 422221.2	End wk 1557 sec 422226.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0000909051	VCV xy 0.000075501	
		VCV xz -0.0000448773	VCV yy 0.0002682942	
		VCV yz -0.0002145454	VCV zz 0.0002787691	
GPSVEC	TP	Point ID 46132	DX -7184.984	DY 1650.677
		Class Normal	DZ -1975.845	Code PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.057
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 11.8	
		Horz SD	Vert SD	
		Start wk 1557 sec 422272.6	End wk 1557 sec 422277.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0000901919	VCV xy 0.0000765717	
		VCV xz -0.0000469908	VCV yy 0.0002724374	
		VCV yz -0.0002212065	VCV zz 0.0002874275	
GPSVEC	TP	Point ID 46133	DX -7175.367	DY 1647.362
		Class Normal	DZ -1974.642	Code P-112
		Obs L1 Fixed	H.pr 0.031	V.pr 0.057
GPSQC1	NM	Min SVs 7	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 15.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 422299.6	End wk 1557 sec 422304.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.000089982	VCV xy 0.0000772888	
		VCV xz -0.0000482174	VCV yy 0.0002750549	
		VCV yz -0.0002251133	VCV zz 0.0002925644	
GPSVEC	TP	Point ID 46134	DX -7163.859	DY 1643.345
		Class Normal	DZ -1973.254	Code PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.058
GPSQC1	NM	Min SVs 7	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 7	VDOP max 2.3	
		Monitor status Not monitored	RMS 15.3	
		Horz SD	Vert SD	
		Start wk 1557 sec 422321.0	End wk 1557 sec 422326.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0077459668	
		VCV xx 0.0000905749	VCV xy 0.0000785252	
		VCV xz -0.0000496261	VCV yy 0.0002795718	
		VCV yz -0.0002302313	VCV zz 0.0002992338	
GPSVEC	TP	Point ID 46135	DX -7153.655	DY 1639.155
		Class Normal	DZ -1972.939	Code P-111
		Obs L1 Fixed	H.pr 0.031	V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 2.7  
 Relative DOPs Yes HDOP max 1.2  
 Total GPS pos 6 VDOP max 2.4  
 Monitor status Not monitored RMS 15.3  
 Horz SD Vert SD  
 Start wk 1557 sec 422349.0 End wk 1557 sec 422354.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000904466 VCV xy 0.0000793511  
 VCV xz -0.0000509587 VCV yy 0.0002825304  
 VCV yz -0.0002344889 VCV zz 0.0003048348

GPSVEC TP Point ID 46136 DX -7142.776 DY 1635.759  
 Class Normal DZ -1971.235 Code PS  
 Obs L1 Fixed H.pr 0.031 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 2.7  
 Relative DOPs Yes HDOP max 1.2  
 Total GPS pos 6 VDOP max 2.4  
 Monitor status Not monitored RMS 11.8  
 Horz SD Vert SD  
 Start wk 1557 sec 422370.0 End wk 1557 sec 422375.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000902271 VCV xy 0.0000798931  
 VCV xz -0.0000519383 VCV yy 0.000284486  
 VCV yz -0.0002375197 VCV zz 0.0003088182

GPSVEC TP Point ID 46137 DX -7133.510 DY 1633.137  
 Class Normal DZ -1969.500 Code P-110  
 Obs L1 Fixed H.pr 0.031 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 2.7  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.4  
 Monitor status Not monitored RMS 13.5  
 Horz SD Vert SD  
 Start wk 1557 sec 422392.0 End wk 1557 sec 422397.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000902636 VCV xy 0.0000807182  
 VCV xz -0.0000531488 VCV yy 0.0002874343  
 VCV yz -0.0002414796 VCV zz 0.0003140068

GPSVEC TP Point ID 46138 DX -7121.706 DY 1628.279  
 Class Normal DZ -1969.165 Code PS  
 Obs L1 Fixed H.pr 0.031 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.7  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.4  
 Monitor status Not monitored RMS 12.1  
 Horz SD Vert SD  
 Start wk 1557 sec 422413.2 End wk 1557 sec 422418.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000900569 VCV xy 0.0000813043  
 VCV xz -0.0000541853 VCV yy 0.0002895142  
 VCV yz -0.0002446685 VCV zz 0.0003181928

GPSVEC TP Point ID 46139 DX -7111.386 DY 1624.774  
 Class Normal DZ -1968.049 Code P-109  
 Obs L1 Fixed H.pr 0.031 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.7  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.4  
 Monitor status Not monitored RMS 11.8  
 Horz SD Vert SD  
 Start wk 1557 sec 422437.4 End wk 1557 sec 422442.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.000089808 VCV xy 0.0000820298  
 VCV xz -0.0000554595 VCV yy 0.0002920695  
 VCV yz -0.0002485753 VCV zz 0.0003233072

GPSVEC TP Point ID 46140 DX -7100.581 DY 1620.876  
 Class Normal DZ -1967.208 Code PS  
 Obs L1 Fixed H.pr 0.031 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.7  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.4  
 Monitor status Not monitored RMS 11.8  
 Horz SD Vert SD  
 Start wk 1557 sec 422456.4 End wk 1557 sec 422461.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000896519 VCV xy 0.0000826059  
 VCV xz -0.0000564447 VCV yy 0.0002941308  
 VCV yz -0.0002516319 VCV zz 0.0003272927

GPSVEC TP Point ID 46141 DX -7091.043 DY 1617.760  
 Class Normal DZ -1966.096 Code P-108  
 Obs L1 Fixed H.pr 0.031 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.8  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.5  
 Monitor status Not monitored RMS 15.3  
 Horz SD Vert SD  
 Start wk 1557 sec 422484.6 End wk 1557 sec 422489.6

GPSQC2	NM	Ttl satellites 7		Err Scale 0.0077459668
		VCV xx 0.0000897273		VCV xy 0.0000838134
		VCV xz -0.0000581975		VCV yy 0.0002983039
		VCV yz -0.0002572492		VCV zz 0.0003346491
GPSVEC	TP	Point ID 46142	DX -7079.467	DY 1613.426
		Class Normal	DZ -1965.462	Code PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.061
GPSQC1	NM	Min SVs 7		PDOP max 2.8
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.5
		Monitor status Not monitored		RMS 11.8
		Horz SD		Vert SD
		Start wk 1557 sec 422507.8		End wk 1557 sec 422512.8
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0077459668
		VCV xx 0.0000891718		VCV xy 0.0000842335
		VCV xz -0.0000592487		VCV yy 0.0002997117
		VCV yz -0.000260125		VCV zz 0.000338417
GPSVEC	TP	Point ID 46143	DX -7068.763	DY 1609.344
		Class Normal	DZ -1965.006	Code P-107
		Obs L1 Fixed	H.pr 0.031	V.pr 0.061
GPSQC1	NM	Min SVs 7		PDOP max 2.8
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.5
		Monitor status Not monitored		RMS 11.7
		Horz SD		Vert SD
		Start wk 1557 sec 422532.8		End wk 1557 sec 422537.8
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0077459668
		VCV xx 0.0000886356		VCV xy 0.0000847504
		VCV xz -0.0000604367		VCV yy 0.0003014312
		VCV yz -0.0002634137		VCV zz 0.0003427338
GPSVEC	TP	Point ID 46144	DX -7058.303	DY 1606.022
		Class Normal	DZ -1963.757	Code PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.062
GPSQC1	NM	Min SVs 7		PDOP max 2.8
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.5
		Monitor status Not monitored		RMS 11.7
		Horz SD		Vert SD
		Start wk 1557 sec 422560.0		End wk 1557 sec 422565.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0077459668
		VCV xx 0.0000888528		VCV xy 0.0000861009
		VCV xz -0.0000623092		VCV yy 0.0003060725
		VCV yz -0.0002694455		VCV zz 0.000350617
GPSVEC	TP	Point ID 46145	DX -7048.587	DY 1601.629
		Class Normal	DZ -1963.385	Code P-106
		Obs L1 Fixed	H.pr 0.031	V.pr 0.062
GPSQC1	NM	Min SVs 7		PDOP max 2.8
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.5
		Monitor status Not monitored		RMS 15.3
		Horz SD		Vert SD
		Start wk 1557 sec 422583.0		End wk 1557 sec 422588.0
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0077459668
		VCV xx 0.0000884079		VCV xy 0.000086652
		VCV xz -0.0000634846		VCV yy 0.000307866
		VCV yz -0.0002727058		VCV zz 0.0003548986
GPSVEC	TP	Point ID 46146	DX -7037.726	DY 1597.039
		Class Normal	DZ -1962.268	Code PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.063
GPSQC1	NM	Min SVs 7		PDOP max 2.8
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.5
		Monitor status Not monitored		RMS 15.5
		Horz SD		Vert SD
		Start wk 1557 sec 422604.2		End wk 1557 sec 422609.2
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0077459668
		VCV xx 0.0000879051		VCV xy 0.0000870658
		VCV xz -0.0000644992		VCV yy 0.0003091619
		VCV yz -0.0002753901		VCV zz 0.0003584305
GPSVEC	TP	Point ID 46147	DX -7027.595	DY 1592.782
		Class Normal	DZ -1961.597	Code P-105
		Obs L1 Fixed	H.pr 0.031	V.pr 0.063
GPSQC1	NM	Min SVs 7		PDOP max 2.8
		Relative DOPs Yes		HDOP max 1.3
		Total GPS pos 6		VDOP max 2.5
		Monitor status Not monitored		RMS 15.5
		Horz SD		Vert SD
		Start wk 1557 sec 422629.2		End wk 1557 sec 422634.4
GPSQC2	NM	Ttl satellites 7		Err Scale 0.0077459668
		VCV xx 0.0000872438		VCV xy 0.0000875483
		VCV xz -0.0000657354		VCV yy 0.0003106797
		VCV yz -0.000278626		VCV zz 0.0003626488

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GPSVEC TP Point ID 46148      DX -7016.781      DY 1589.122
        Class Normal      DZ -1959.822      Code PS
        Obs L1 Fixed      H.pr 0.031      V.pr 0.063

GPSQC1 NM Min SVs          7                PDOP max 2.9
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6        VDOP max 2.6
        Monitor status Not monitored RMS 15.2
        Horz SD              Vert SD
        Start wk 1557 sec 422653.4 End wk 1557 sec 422658.4

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000872274 VCV xy 0.0000886423
        VCV xz -0.0000674062 VCV yy 0.0003142531
        VCV yz -0.0002836661 VCV zz 0.0003692589

GPSVEC TP Point ID 46149      DX -7006.229      DY 1585.033
        Class Normal      DZ -1958.588      Code P-104
        Obs L1 Fixed      H.pr 0.031      V.pr 0.064

GPSQC1 NM Min SVs          7                PDOP max 2.9
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6        VDOP max 2.6
        Monitor status Not monitored RMS 15.2
        Horz SD              Vert SD
        Start wk 1557 sec 422675.4 End wk 1557 sec 422680.4

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000865576 VCV xy 0.0000889642
        VCV xz -0.0000684082 VCV yy 0.0003151832
        VCV yz -0.0002861188 VCV zz 0.0003724481

GPSVEC TP Point ID 46150      DX -6996.137      DY 1580.867
        Class Normal      DZ -1957.817      Code PS
        Obs L1 Fixed      H.pr 0.031      V.pr 0.064

GPSQC1 NM Min SVs          7                PDOP max 2.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 5        VDOP max 2.6
        Monitor status Not monitored RMS 13.4
        Horz SD              Vert SD
        Start wk 1557 sec 422698.6 End wk 1557 sec 422704.4

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000865283 VCV xy 0.0000900572
        VCV xz -0.0000700929 VCV yy 0.0003187434
        VCV yz -0.0002911543 VCV zz 0.0003790293

GPSVEC TP Point ID 46151      DX -6985.070      DY 1576.340
        Class Normal      DZ -1956.714      Code P-103
        Obs L1 Fixed      H.pr 0.031      V.pr 0.065

GPSQC1 NM Min SVs          7                PDOP max 2.9
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6        VDOP max 2.6
        Monitor status Not monitored RMS 11.7
        Horz SD              Vert SD
        Start wk 1557 sec 422742.8 End wk 1557 sec 422747.8

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000869743 VCV xy 0.0000926824
        VCV xz -0.000073728 VCV yy 0.0003273336
        VCV yz -0.0003024002 VCV zz 0.0003936838

NOTE TS Time Date 11/12/2009 Time 13:25:56

GPSVEC TP Point ID 46152      DX -6975.271      DY 1573.114
        Class Normal      DZ -1954.993      Code PS
        Obs L1 Fixed      H.pr 0.031      V.pr 0.066

GPSQC1 NM Min SVs          7                PDOP max 2.9
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 9        VDOP max 2.6
        Monitor status Not monitored RMS 13.5
        Horz SD              Vert SD
        Start wk 1557 sec 422764.0 End wk 1557 sec 422772.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.000086404 VCV xy 0.0000931772
        VCV xz -0.0000749346 VCV yy 0.0003288173
        VCV yz -0.0003054659 VCV zz 0.000397661

GPSVEC TP Point ID 46153      DX -6964.016      DY 1569.708
        Class Normal      DZ -1952.561      Code P-102
        Obs L1 Fixed      H.pr 0.031      V.pr 0.066

GPSQC1 NM Min SVs          7                PDOP max 3.0
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 13       VDOP max 2.7
        Monitor status Not monitored RMS 13.8
        Horz SD              Vert SD
        Start wk 1557 sec 422797.2 End wk 1557 sec 422809.2

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000844929 VCV xy 0.0000928121
        VCV xz -0.0000758823 VCV yy 0.0003270006
        VCV yz -0.0003063717 VCV zz 0.0003988507

GPSVEC TP Point ID 46154      DX -6954.098      DY 1566.302
        Class Normal      DZ -1951.082      Code PS
        Obs L1 Fixed      H.pr 0.030      V.pr 0.066
    
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GPSQC1 NM Min SVs 7 PDOP max 3.0  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 18 VDOP max 2.7  
 Monitor status Not monitored RMS 15.2  
 Horz SD Vert SD  
 Start wk 1557 sec 422833.6 End wk 1557 sec 422850.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668  
 VCV xx 0.0000825356 VCV xy 0.0000925351  
 VCV xz -0.000077012 VCV yy 0.0003253632  
 VCV yz -0.0003076557 VCV zz 0.0004005385

NOTE TS Time Date 11/12/2009 Time 13:57:13

GPSVEC TP Point ID 46155 DX -6957.951 DY 1505.636  
 Class Normal DZ -2098.825 Code TOE-PS  
 Obs L1 Fixed H.pr 0.041 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 2.5  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.1  
 Monitor status Not monitored RMS 17.4  
 Horz SD Vert SD  
 Start wk 1557 sec 424643.8 End wk 1557 sec 424648.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094444817  
 VCV xx 0.0001109989 VCV xy 0.0001561928  
 VCV xz -0.0001617284 VCV yy 0.0003646995  
 VCV yz -0.0003466603 VCV zz 0.0004412708

GPSVEC TP Point ID 46156 DX -6979.098 DY 1513.274  
 Class Normal DZ -2102.069 Code TOE-PS  
 Obs L1 Fixed H.pr 0.040 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 2.5  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 10 VDOP max 2.1  
 Monitor status Not monitored RMS 17.2  
 Horz SD Vert SD  
 Start wk 1557 sec 424682.0 End wk 1557 sec 424690.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0093812747  
 VCV xx 0.0001113167 VCV xy 0.0001553425  
 VCV xz -0.0001605702 VCV yy 0.0003617873  
 VCV yz -0.0003413138 VCV zz 0.0004347386

GPSVEC TP Point ID 46157 DX -6999.936 DY 1521.536  
 Class Normal DZ -2104.001 Code TOE-PS  
 Obs L1 Fixed H.pr 0.040 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.5  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.1  
 Monitor status Not monitored RMS 17.1  
 Horz SD Vert SD  
 Start wk 1557 sec 424712.0 End wk 1557 sec 424717.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0092508439  
 VCV xx 0.0001091298 VCV xy 0.0001517549  
 VCV xz -0.0001566104 VCV yy 0.000353205  
 VCV yz -0.0003316593 VCV zz 0.0004222604

GPSVEC TP Point ID 46158 DX -6999.782 DY 1524.428  
 Class Normal DZ -2095.927 Code DS-29\R?-PS  
 Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.5  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.1  
 Monitor status Not monitored RMS 15.6  
 Horz SD Vert SD  
 Start wk 1557 sec 424744.2 End wk 1557 sec 424749.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091694593  
 VCV xx 0.0001084797 VCV xy 0.0001499939  
 VCV xz -0.0001545093 VCV yy 0.0003486478  
 VCV yz -0.0003253305 VCV zz 0.0004141845

GPSVEC TP Point ID 46159 DX -6999.763 DY 1526.105  
 Class Normal DZ -2091.198 Code DS-29\R?-PS  
 Obs L1 Fixed H.pr 0.039 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.5  
 Relative DOPs Yes HDOP max 1.3  
 Total GPS pos 6 VDOP max 2.1  
 Monitor status Not monitored RMS 18.6  
 Horz SD Vert SD  
 Start wk 1557 sec 424762.4 End wk 1557 sec 424767.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091126226  
 VCV xx 0.0001078185 VCV xy 0.0001486166  
 VCV xz -0.0001529349 VCV yy 0.0003452195  
 VCV yz -0.0003210103 VCV zz 0.0004086691

GPSVEC TP Point ID 46160 DX -7020.621 DY 1533.963  
 Class Normal DZ -2093.788 Code DS-30\R?-PS  
 Obs L1 Fixed H.pr 0.039 V.pr 0.063

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GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 18.5
Horz SD Vert SD
Start wk 1557 sec 424792.6 End wk 1557 sec 424797.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090275435
VCV xx 0.0001069033 VCV xy 0.0001466155
VCV xz -0.000150601 VCV yy 0.0003402493
VCV yz -0.0003145172 VCV zz 0.0004003324

GPSVEC TP Point ID 46161 DX -7020.736 DY 1532.115
Class Normal DZ -2098.658 Code DS-30\R?-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.063

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 18.3
Horz SD Vert SD
Start wk 1557 sec 424816.6 End wk 1557 sec 424821.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0089524072
VCV xx 0.0001059882 VCV xy 0.0001447846
VCV xz -0.0001484939 VCV yy 0.000335783
VCV yz -0.0003088837 VCV zz 0.000393081

GPSVEC TP Point ID 46162 DX -7020.947 DY 1529.077
Class Normal DZ -2106.826 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 18.2
Horz SD Vert SD
Start wk 1557 sec 424843.6 End wk 1557 sec 424848.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0089085689
VCV xx 0.0001059573 VCV xy 0.0001440558
VCV xz -0.0001474812 VCV yy 0.0003338363
VCV yz -0.0003053284 VCV zz 0.0003884851

GPSVEC TP Point ID 46163 DX -7041.693 DY 1537.134
Class Normal DZ -2109.001 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1557 sec 424865.6 End wk 1557 sec 424870.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.008853999
VCV xx 0.0001054121 VCV xy 0.0001428154
VCV xz -0.0001459921 VCV yy 0.0003308279
VCV yz -0.0003011923 VCV zz 0.0003831091

GPSVEC TP Point ID 46164 DX -7062.604 DY 1544.732
Class Normal DZ -2111.777 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.5
Horz SD Vert SD
Start wk 1557 sec 424905.0 End wk 1557 sec 424910.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0088063339
VCV xx 0.0001056667 VCV xy 0.0001422122
VCV xz -0.0001449569 VCV yy 0.000329178
VCV yz -0.0002970835 VCV zz 0.0003776936

GPSVEC TP Point ID 46165 DX -7083.578 DY 1552.073
Class Normal DZ -2115.131 Code TOE-PS
Obs L1 Fixed H.pr 0.038 V.pr 0.062

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1557 sec 424929.2 End wk 1557 sec 424934.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0087825302
VCV xx 0.0001059113 VCV xy 0.0001419849
VCV xz -0.0001444737 VCV yy 0.0003285521
VCV yz -0.0002949458 VCV zz 0.0003748428

GPSVEC TP Point ID 46166 DX -7104.437 DY 1559.885
Class Normal DZ -2117.755 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 18.3
Horz SD Vert SD
Start wk 1557 sec 424955.2 End wk 1557 sec 424960.2

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0087283766
VCV xx 0.0001054723 VCV xy 0.000140804
VCV xz -0.0001429892 VCV yy 0.000325739
VCV yz -0.0002906998 VCV zz 0.0003692809

GPSVEC TP Point ID 46167 DX -7125.362 DY 1567.472
Class Normal DZ -2120.514 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.7
Horz SD Vert SD
Start wk 1557 sec 424984.4 End wk 1557 sec 424989.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0086626457
VCV xx 0.0001048584 VCV xy 0.0001393305
VCV xz -0.0001411624 VCV yy 0.0003222863
VCV yz -0.0002856517 VCV zz 0.0003626487

GPSVEC TP Point ID 46168 DX -7146.320 DY 1574.862
Class Normal DZ -2123.477 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.7
Horz SD Vert SD
Start wk 1557 sec 425008.4 End wk 1557 sec 425013.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0086397268
VCV xx 0.000105089 VCV xy 0.0001390981
VCV xz -0.0001406485 VCV yy 0.0003217264
VCV yz -0.0002835183 VCV zz 0.0003597563

GPSVEC TP Point ID 46169 DX -7167.086 DY 1582.440
Class Normal DZ -2126.409 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.2
Horz SD Vert SD
Start wk 1557 sec 425035.6 End wk 1557 sec 425041.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0086074881
VCV xx 0.000105164 VCV xy 0.0001386221
VCV xz -0.0001398346 VCV yy 0.0003206637
VCV yz -0.0002807098 VCV zz 0.000355921

GPSVEC TP Point ID 46170 DX -7188.116 DY 1590.028
Class Normal DZ -2129.306 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1557 sec 425062.4 End wk 1557 sec 425067.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0085814791
VCV xx 0.000105322 VCV xy 0.0001382829
VCV xz -0.0001391855 VCV yy 0.0003199303
VCV yz -0.0002783076 VCV zz 0.0003526369

GPSVEC TP Point ID 46171 DX -7208.959 DY 1597.551
Class Normal DZ -2132.344 Code TOE-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 17.6
Horz SD Vert SD
Start wk 1557 sec 425089.0 End wk 1557 sec 425094.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0085545704
VCV xx 0.0001054782 VCV xy 0.0001379301
VCV xz -0.0001385033 VCV yy 0.0003191987
VCV yz -0.0002758276 VCV zz 0.000349226

GPSVEC TP Point ID 46172 DX -7208.931 DY 1600.268
Class Normal DZ -2124.113 Code DS-33\R?-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 14.0
Horz SD Vert SD
Start wk 1557 sec 425121.0 End wk 1557 sec 425126.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0085090557
VCV xx 0.0001052873 VCV xy 0.0001370408
VCV xz -0.0001372167 VCV yy 0.0003172845
VCV yz -0.0002719917 VCV zz 0.0003440263
    
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GPSVEC	TP	Point ID 46173	DX	-7208.955	DY	1602.014
		Class Normal	DZ	-2119.210	Code	DS-33\R?-PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.060
GPSQC1	NM	Min SVs 7		PDOP max	2.5	
		Relative DOPs Yes		HDOP max	1.3	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	15.6	
		Horz SD		Vert SD		
		Start wk 1557 sec 425144.0		End wk 1557 sec 425149.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0084809987	
		VCV xx 0.0001052354		VCV xy	0.0001365167	
		VCV xz -0.0001364268		VCV yy	0.000316182	
		VCV yz -0.0002695273		VCV zz	0.0003406962	
GPSVEC	TP	Point ID 46174	DX	-7229.891	DY	1609.349
		Class Normal	DZ	-2122.765	Code	DS-34\R?-PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.060
GPSQC1	NM	Min SVs 7		PDOP max	2.5	
		Relative DOPs Yes		HDOP max	1.3	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	13.8	
		Horz SD		Vert SD		
		Start wk 1557 sec 425173.0		End wk 1557 sec 425178.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0084509943	
		VCV xx 0.0001052997		VCV xy	0.0001360398	
		VCV xz -0.0001355735		VCV yy	0.0003152665	
		VCV yz -0.0002667292		VCV zz	0.0003368065	
GPSVEC	TP	Point ID 46175	DX	-7229.859	DY	1607.661
		Class Normal	DZ	-2127.720	Code	DS-34\R?-PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.060
GPSQC1	NM	Min SVs 7		PDOP max	2.5	
		Relative DOPs Yes		HDOP max	1.3	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	15.5	
		Horz SD		Vert SD		
		Start wk 1557 sec 425195.0		End wk 1557 sec 425200.0		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0084311152	
		VCV xx 0.000105427		VCV xy	0.0001357611	
		VCV xz -0.0001350152		VCV yy	0.0003147771	
		VCV yz -0.0002647609		VCV zz	0.0003340767	
GPSVEC	TP	Point ID 46176	DX	-7229.838	DY	1605.281
		Class Normal	DZ	-2135.135	Code	TOE-PS
		Obs L1 Fixed	H.pr	0.036	V.pr	0.060
GPSQC1	NM	Min SVs 7		PDOP max	2.5	
		Relative DOPs Yes		HDOP max	1.3	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	17.6	
		Horz SD		Vert SD		
		Start wk 1557 sec 425230.2		End wk 1557 sec 425235.2		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0083852625	
		VCV xx 0.0001051806		VCV xy	0.000134831	
		VCV xz -0.0001336134		VCV yy	0.000312946	
		VCV yz -0.0002607932		VCV zz	0.000328559	
GPSVEC	TP	Point ID 46177	DX	-7250.764	DY	1612.912
		Class Normal	DZ	-2137.868	Code	TOE-PS
		Obs L1 Fixed	H.pr	0.035	V.pr	0.059
GPSQC1	NM	Min SVs 7		PDOP max	2.5	
		Relative DOPs Yes		HDOP max	1.3	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	15.7	
		Horz SD		Vert SD		
		Start wk 1557 sec 425252.2		End wk 1557 sec 425257.4		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0083287908	
		VCV xx 0.0001043182		VCV xy	0.0001333424	
		VCV xz -0.0001318462		VCV yy	0.0003097351	
		VCV yz -0.000256593		VCV zz	0.0003229484	
GPSVEC	TP	Point ID 46178	DX	-7271.662	DY	1620.350
		Class Normal	DZ	-2140.777	Code	TOE-PS
		Obs L1 Fixed	H.pr	0.035	V.pr	0.059
GPSQC1	NM	Min SVs 7		PDOP max	2.5	
		Relative DOPs Yes		HDOP max	1.3	
		Total GPS pos 6		VDOP max	2.2	
		Monitor status Not monitored		RMS	15.3	
		Horz SD		Vert SD		
		Start wk 1557 sec 425296.8		End wk 1557 sec 425301.8		
GPSQC2	NM	Ttl satellites 7		Err Scale	0.0083070435	
		VCV xx 0.0001048658		VCV xy	0.0001332699	
		VCV xz -0.000131162		VCV yy	0.0003100546	
		VCV yz -0.0002537409		VCV zz	0.0003187086	
GPSVEC	TP	Point ID 46179	DX	-7292.686	DY	1627.834
		Class Normal	DZ	-2143.789	Code	TOE-PS
		Obs L1 Fixed	H.pr	0.035	V.pr	0.059

GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.2
		Horz SD		Vert SD	
		Start wk 1557 sec	425323.8	End wk 1557 sec	425328.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0082970234
		VCV xx	0.0001052607	VCV xy	0.0001332929
		VCV xz	-0.0001308218	VCV yy	0.0003104455
		VCV yz	-0.0002521543	VCV zz	0.0003163411
GPSVEC	TP	Point ID 46180	DX -7313.390	DY	1635.692
		Class Normal	DZ -2146.249	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.035	V.pr	0.059
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.0
		Horz SD		Vert SD	
		Start wk 1557 sec	425347.0	End wk 1557 sec	425352.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0082567614
		VCV xx	0.0001047274	VCV xy	0.0001322762
		VCV xz	-0.0001295087	VCV yy	0.0003084062
		VCV yz	-0.000248951	VCV zz	0.0003119379
GPSVEC	TP	Point ID 46181	DX -7334.347	DY	1643.123
		Class Normal	DZ -2149.198	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.035	V.pr	0.059
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.5
		Horz SD		Vert SD	
		Start wk 1557 sec	425373.4	End wk 1557 sec	425379.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.008216396
		VCV xx	0.0001042704	VCV xy	0.0001312828
		VCV xz	-0.0001281759	VCV yy	0.0003064883
		VCV yz	-0.0002455815	VCV zz	0.0003072967
GPSVEC	TP	Point ID 46182	DX -7355.127	DY	1650.827
		Class Normal	DZ -2151.987	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.035	V.pr	0.058
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1557 sec	425399.4	End wk 1557 sec	425405.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0081809694
		VCV xx	0.0001039143	VCV xy	0.0001304314
		VCV xz	-0.0001269837	VCV yy	0.0003049138
		VCV yz	-0.0002425148	VCV zz	0.0003030354
GPSVEC	TP	Point ID 46183	DX -7375.932	DY	1658.705
		Class Normal	DZ -2154.377	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.035	V.pr	0.058
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1557 sec	425428.4	End wk 1557 sec	425433.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0081723472
		VCV xx	0.000104264	VCV xy	0.0001304526
		VCV xz	-0.0001265951	VCV yy	0.0003054276
		VCV yz	-0.000240949	VCV zz	0.0003005831
GPSVEC	TP	Point ID 46184	DX -7397.054	DY	1666.000
		Class Normal	DZ -2157.663	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.035	V.pr	0.058
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1557 sec	425457.6	End wk 1557 sec	425462.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0081557352
		VCV xx	0.0001043907	VCV xy	0.0001302047
		VCV xz	-0.0001259323	VCV yy	0.0003053564
		VCV yz	-0.0002388853	VCV zz	0.00029748
GPSVEC	TP	Point ID 46185	DX -7417.858	DY	1673.502
		Class Normal	DZ -2160.674	Code	TOE-PS
		Obs L1 Fixed	H.pr 0.034	V.pr	0.058
GPSQC1	NM	Min SVs	7	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.0
		Horz SD		Vert SD	
		Start wk 1557 sec	425478.8	End wk 1557 sec	425483.8

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0081381425
          VCV xx 0.0001043155 VCV xy 0.000129823
          VCV xz -0.0001252655 VCV yy 0.0003048556
          VCV yz -0.000237059 VCV zz 0.000294829

GPSVEC TP Point ID 46186 DX -7417.953 DY 1675.833
          Class Normal DZ -2154.057 Code DS-37\R-?-PS
          Obs L1 Fixed H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 14.9
          Horz SD Vert SD
          Start wk 1557 sec 425512.0 End wk 1557 sec 425517.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081446748
          VCV xx 0.0001050781 VCV xy 0.000130292
          VCV xz -0.000125263 VCV yy 0.0003065737
          VCV yz -0.0002361265 VCV zz 0.0002931373

GPSVEC TP Point ID 46187 DX -7417.933 DY 1677.598
          Class Normal DZ -2149.255 Code DS-37\R-?-PS
          Obs L1 Fixed H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 14.9
          Horz SD Vert SD
          Start wk 1557 sec 425538.0 End wk 1557 sec 425543.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081132073
          VCV xx 0.0001046834 VCV xy 0.0001294948
          VCV xz -0.0001240895 VCV yy 0.0003052726
          VCV yz -0.0002332994 VCV zz 0.0002890535

GPSVEC TP Point ID 46188 DX -7438.746 DY 1681.390
          Class Normal DZ -2163.296 Code TOE-PS
          Obs L1 Fixed H.pr 0.034 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 6 VDOP max 2.2
          Monitor status Not monitored RMS 15.2
          Horz SD Vert SD
          Start wk 1557 sec 425567.2 End wk 1557 sec 425572.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080922656
          VCV xx 0.0001045726 VCV xy 0.0001290198
          VCV xz -0.0001232195 VCV yy 0.0003047586
          VCV yz -0.0002309941 VCV zz 0.0002856384

GPSVEC TP Point ID 46189 DX -7459.616 DY 1689.126
          Class Normal DZ -2165.954 Code TOE-PS
          Obs L1 Fixed H.pr 0.034 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.3
          Total GPS pos 7 VDOP max 2.2
          Monitor status Not monitored RMS 15.1
          Horz SD Vert SD
          Start wk 1557 sec 425594.4 End wk 1557 sec 425600.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080523966
          VCV xx 0.0001039306 VCV xy 0.0001279183
          VCV xz -0.0001217442 VCV yy 0.0003028118
          VCV yz -0.0002276146 VCV zz 0.0002808578

NOTE NM Following data imported from INT-CVR-ASB1.job

GPSVEC SO Point ID 46190 DX -7831.618 DY 1795.259
          Class Stake out DZ -2248.863 Code CP-501-POSTCHK
          Obs L1 Fixed H.pr 0.033 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 2.5
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 2.1
          Monitor status Not monitored RMS 13.0
          Horz SD Vert SD
          Start wk 1557 sec 426300.4 End wk 1557 sec 426305.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080898423
          VCV xx 0.0001075375 VCV xy 0.0001284812
          VCV xz -0.0001108144 VCV yy 0.0003288111
          VCV yz -0.0001989821 VCV zz 0.0002283051

PT DGN SO Name CP-501 To the Point

GRID D SO Delta N 0.074 Delta E -0.054
          Delta Elv -0.056

NOTE TS Time Date 11/12/2009 Time 14:28:39

GPSVEC TP Point ID 46191 DX -7355.248 DY 1683.024
          Class Normal DZ -2059.149 Code DS-36\R-?-PS
          Obs L1 Fixed H.pr 0.033 V.pr 0.057
    
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GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.7
Horz SD Vert SD
Start wk 1557 sec 426529.6 End wk 1557 sec 426534.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081498837
VCV xx 0.0001074089 VCV xy 0.0001287292
VCV xz -0.0001070932 VCV yy 0.0003408888
VCV yz -0.0001922051 VCV zz 0.0002137303

GPSVEC TP Point ID 46192 DX -7355.220 DY 1684.682
Class Normal DZ -2054.450 Code DS-36\R-?-PS
Obs L1 Fixed H.pr 0.033 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 14.9
Horz SD Vert SD
Start wk 1557 sec 426547.8 End wk 1557 sec 426552.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081188986
VCV xx 0.0001064267 VCV xy 0.0001275877
VCV xz -0.0001058606 VCV yy 0.0003388209
VCV yz -0.000190003 VCV zz 0.000210796

GPSVEC TP Point ID 46193 DX -7334.293 DY 1675.215
Class Normal DZ -2057.190 Code DS-35\R-?-PS
Obs L1 Fixed H.pr 0.033 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1557 sec 426582.8 End wk 1557 sec 426587.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.008097671
VCV xx 0.0001055354 VCV xy 0.0001266149
VCV xz -0.0001044812 VCV yy 0.0003380802
VCV yz -0.0001875622 VCV zz 0.0002071107

GPSVEC TP Point ID 46194 DX -7334.278 DY 1676.856
Class Normal DZ -2052.376 Code DS-35\R-?-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 2.4
Relative DOPs Yes HDOP max 1.2
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1557 sec 426600.8 End wk 1557 sec 426605.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0080745956
VCV xx 0.0001047675 VCV xy 0.0001257431
VCV xz -0.0001034719 VCV yy 0.0003367345
VCV yz -0.0001857762 VCV zz 0.0002046426

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 11/14/2009 Time 07:15:02

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 Measurement True

GPSPOS FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver 4700 Serial no <no text>
Antenna Micro-centered L1/L2 w/Ground
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 0.207 Measurement True

GPSREF KI Reference 01

INIT KI Init event Gained Week 1557
Init type On the fly seconds 573355.0
Init counter 2 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=4.020

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GPSANT KI Antenna ht 6.562 Measurement Uncorrected

GPSVEC TP Point ID 46195 DX -7598.698 DY 1912.373
Class Normal DZ -1975.011 Code TOE-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1557 sec 573537.2 End wk 1557 sec 573542.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0093016205
VCV xx 0.0001290086 VCV xy 0.0001129533
VCV xz -0.0000385433 VCV yy 0.0005315796
VCV yz -0.0002714257 VCV zz 0.0002625085

GPSVEC TP Point ID 46196 DX -7611.411 DY 1904.581
Class Normal DZ -1991.853 Code TOE-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 18 VDOP max 2.1
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1557 sec 573561.4 End wk 1557 sec 573578.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0093360264
VCV xx 0.0001293348 VCV xy 0.0001125392
VCV xz -0.00003887 VCV yy 0.0005321616
VCV yz -0.0002718872 VCV zz 0.0002637311

GPSVEC TP Point ID 46197 DX -7623.383 DY 1896.454
Class Normal DZ -2008.827 Code TOE-PS
Obs L1 Fixed H.pr 0.041 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 25 VDOP max 2.1
Monitor status Not monitored RMS 19.9
Horz SD Vert SD
Start wk 1557 sec 573602.0 End wk 1557 sec 573625.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0093879374
VCV xx 0.0001299518 VCV xy 0.0001121898
VCV xz -0.0000393501 VCV yy 0.0005336285
VCV yz -0.0002728824 VCV zz 0.0002658425

GPSVEC TP Point ID 46198 DX -7635.555 DY 1888.220
Class Normal DZ -2025.628 Code TOE-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 11 VDOP max 2.1
Monitor status Not monitored RMS 17.6
Horz SD Vert SD
Start wk 1557 sec 573642.0 End wk 1557 sec 573652.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.009427039
VCV xx 0.0001305823 VCV xy 0.0001121706
VCV xz -0.0000397946 VCV yy 0.0005352616
VCV yz -0.0002739914 VCV zz 0.0002678351

GPSVEC TP Point ID 46199 DX -7646.176 DY 1878.943
Class Normal DZ -2043.031 Code TOE-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 11 VDOP max 2.1
Monitor status Not monitored RMS 19.6
Horz SD Vert SD
Start wk 1557 sec 573673.2 End wk 1557 sec 573683.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0094571775
VCV xx 0.0001308944 VCV xy 0.000111747
VCV xz -0.0000401882 VCV yy 0.0005354103
VCV yz -0.0002742988 VCV zz 0.0002691434

GPSVEC TP Point ID 46200 DX -7649.204 DY 1874.752
Class Normal DZ -2049.797 Code TOE-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.066

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 12 VDOP max 2.1
Monitor status Not monitored RMS 19.3
Horz SD Vert SD
Start wk 1557 sec 573700.4 End wk 1557 sec 573711.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0094873384
VCV xx 0.000131209 VCV xy 0.0001114119
VCV xz -0.0000405271 VCV yy 0.0005357437
VCV yz -0.0002746279 VCV zz 0.0002703664

GPSVEC TP Point ID 46201 DX -7655.511 DY 1863.324
Class Normal DZ -2067.465 Code TOE-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.066
    
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GPSQC1	NM	Min SVs	6	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	9	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.8
		Horz SD		Vert SD	
		Start wk 1557 sec	573727.8	End wk 1557 sec	573735.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0094945952
		VCV xx	0.0001310001	VCV xy	0.0001107118
		VCV xz	-0.0000406924	VCV yy	0.0005339672
		VCV yz	-0.0002738858	VCV zz	0.0002704959
GPSVEC	TP	Point ID 46202		DY	1850.294
		Class Normal		Code	TOE-PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.066
GPSQC1	NM	Min SVs	6	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	15	VDOP max	2.1
		Monitor status	Not monitored	RMS	17.9
		Horz SD		Vert SD	
		Start wk 1557 sec	573762.0	End wk 1557 sec	573776.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0095411576
		VCV xx	0.0001316318	VCV xy	0.0001104231
		VCV xz	-0.0000412073	VCV yy	0.0005352528
		VCV yz	-0.0002746263	VCV zz	0.0002723799
GPSVEC	TP	Point ID 46203		DY	1836.428
		Class Normal		Code	TOE-PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.066
GPSQC1	NM	Min SVs	6	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	8	VDOP max	2.1
		Monitor status	Not monitored	RMS	19.6
		Horz SD		Vert SD	
		Start wk 1557 sec	573796.2	End wk 1557 sec	573803.2
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0095595932
		VCV xx	0.0001316857	VCV xy	0.0001098849
		VCV xz	-0.0000414938	VCV yy	0.0005343475
		VCV yz	-0.0002743228	VCV zz	0.0002731193
GPSVEC	TP	Point ID 46204		DY	1821.765
		Class Normal		Code	TOE-PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.066
GPSQC1	NM	Min SVs	6	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	12	VDOP max	2.1
		Monitor status	Not monitored	RMS	18.2
		Horz SD		Vert SD	
		Start wk 1557 sec	573821.2	End wk 1557 sec	573832.4
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0095935809
		VCV xx	0.000132105	VCV xy	0.0001096542
		VCV xz	-0.0000418684	VCV yy	0.0005350162
		VCV yz	-0.0002747448	VCV zz	0.0002745379
GPSVEC	TP	Point ID 46205		DY	1806.913
		Class Normal		Code	TOE-PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.066
GPSQC1	NM	Min SVs	6	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	12	VDOP max	2.1
		Monitor status	Not monitored	RMS	16.3
		Horz SD		Vert SD	
		Start wk 1557 sec	573851.4	End wk 1557 sec	573862.4
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0096296994
		VCV xx	0.0001326047	VCV xy	0.0001094522
		VCV xz	-0.0000423021	VCV yy	0.0005358856
		VCV yz	-0.0002752486	VCV zz	0.0002760701
GPSVEC	TP	Point ID 46206		DY	1791.517
		Class Normal		Code	TOE-PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.065
GPSQC1	NM	Min SVs	6	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	7	VDOP max	2.1
		Monitor status	Not monitored	RMS	17.7
		Horz SD		Vert SD	
		Start wk 1557 sec	573880.6	End wk 1557 sec	573886.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0096400008
		VCV xx	0.000132493	VCV xy	0.0001088427
		VCV xz	-0.0000425289	VCV yy	0.0005343008
		VCV yz	-0.0002745613	VCV zz	0.0002764294
GPSVEC	TP	Point ID 46207		DY	1777.069
		Class Normal		Code	TOE-PS
		Obs L1 Fixed	H.pr 0.043	V.pr	0.066
GPSQC1	NM	Min SVs	6	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	8	VDOP max	2.1
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1557 sec	573907.8	End wk 1557 sec	573914.8

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0096747298
VCV xx 0.0001330104 VCV xy 0.0001086554
VCV xz -0.0000429921 VCV yy 0.0005351602
VCV yz -0.0002750247 VCV zz 0.000277927

GPSVEC TP Point ID 46208 DX -7614.737 DY 1762.659
Class Normal DZ -2166.742 Code TOE-PS
Obs L1 Fixed H.pr 0.043 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 19.4
Horz SD Vert SD
Start wk 1557 sec 573937.8 End wk 1557 sec 573942.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0096653001
VCV xx 0.0001322852 VCV xy 0.0001074664
VCV xz -0.0000430649 VCV yy 0.0005309171
VCV yz -0.0002729226 VCV zz 0.0002770035

GPSVEC TP Point ID 46209 DX -7598.445 DY 1750.108
Class Normal DZ -2172.584 Code TOE-PS
Obs L1 Fixed H.pr 0.043 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1557 sec 573959.8 End wk 1557 sec 573964.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.0096953297
VCV xx 0.0001327821 VCV xy 0.0001074076
VCV xz -0.0000434616 VCV yy 0.000531912
VCV yz -0.0002734503 VCV zz 0.0002784255

GPSVEC TP Point ID 46210 DX -7580.479 DY 1738.619
Class Normal DZ -2175.979 Code TOE-PS
Obs L1 Fixed H.pr 0.043 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 17.8
Horz SD Vert SD
Start wk 1557 sec 573980.0 End wk 1557 sec 573985.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0097161904
VCV xx 0.0001330288 VCV xy 0.0001072112
VCV xz -0.0000437421 VCV yy 0.0005320265
VCV yz -0.0002735251 VCV zz 0.0002793281

GPSVEC TP Point ID 46211 DX -7562.507 DY 1728.100
Class Normal DZ -2178.025 Code TOE-PS
Obs L1 Fixed H.pr 0.043 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1557 sec 573999.2 End wk 1557 sec 574004.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0096889017
VCV xx 0.0001319581 VCV xy 0.0001059793
VCV xz -0.0000435807 VCV yy 0.0005269077
VCV yz -0.0002709061 VCV zz 0.000277448

GPSVEC TP Point ID 46212 DX -7542.935 DY 1719.964
Class Normal DZ -2176.459 Code TOE-PS
Obs L1 Fixed H.pr 0.042 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 19.4
Horz SD Vert SD
Start wk 1557 sec 574021.4 End wk 1557 sec 574026.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.009629258
VCV xx 0.000130006 VCV xy 0.0001039636
VCV xz -0.0000431688 VCV yy 0.0005181187
VCV yz -0.000266367 VCV zz 0.0002736982

GPSVEC TP Point ID 46213 DX -7522.154 DY 1712.118
Class Normal DZ -2174.272 Code TOE-PS
Obs L1 Fixed H.pr 0.043 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 19.4
Horz SD Vert SD
Start wk 1557 sec 574044.4 End wk 1557 sec 574049.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0096838232
VCV xx 0.0001311304 VCV xy 0.0001044115
VCV xz -0.0000437905 VCV yy 0.0005215265
VCV yz -0.0002681187 VCV zz 0.0002764879
    
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GPSVEC TP Point ID 46214      DX -7501.400      DY 1704.048
        Class Normal      DZ -2171.917      Code TOE-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.064

GPSQC1 NM Min SVs          6                PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 5        VDOP max 2.0
        Monitor status Not monitored RMS 15.9
        Horz SD              Vert SD
        Start wk 1557 sec 574065.4 End wk 1557 sec 574070.4

GPSQC2 NM Ttl satellites 6      Err Scale 0.0096447142
        VCV xx 0.000129753    VCV xy 0.0001029129
        VCV xz -0.0000435646 VCV yy 0.00051502
        VCV yz -0.0002647958 VCV zz 0.0002740398

GPSVEC TP Point ID 46215      DX -7480.404      DY 1696.438
        Class Normal      DZ -2169.132      Code TOE-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.064

GPSQC1 NM Min SVs          6                PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 17.6
        Horz SD              Vert SD
        Start wk 1557 sec 574088.6 End wk 1557 sec 574093.6

GPSQC2 NM Ttl satellites 6      Err Scale 0.0096145682
        VCV xx 0.0001286095    VCV xy 0.0001015578
        VCV xz -0.0000434446 VCV yy 0.0005093598
        VCV yz -0.0002618737 VCV zz 0.0002720321

GPSVEC TP Point ID 46216      DX -7459.518      DY 1689.032
        Class Normal      DZ -2166.124      Code TOE-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.064

GPSQC1 NM Min SVs          6                PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 7        VDOP max 2.0
        Monitor status Not monitored RMS 15.8
        Horz SD              Vert SD
        Start wk 1557 sec 574113.0 End wk 1557 sec 574118.8

GPSQC2 NM Ttl satellites 6      Err Scale 0.0096021052
        VCV xx 0.0001279007    VCV xy 0.0001005194
        VCV xz -0.0000434857 VCV yy 0.0005053744
        VCV yz -0.0002597824 VCV zz 0.0002709219

GPSVEC TP Point ID 46217      DX -7438.588      DY 1681.364
        Class Normal      DZ -2163.324      Code TOE-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.064

GPSQC1 NM Min SVs          6                PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 17.5
        Horz SD              Vert SD
        Start wk 1557 sec 574137.0 End wk 1557 sec 574142.0

GPSQC2 NM Ttl satellites 6      Err Scale 0.0096015595
        VCV xx 0.0001275577    VCV xy 0.0000998437
        VCV xz -0.0000436288 VCV yy 0.0005028402
        VCV yz -0.0002585177 VCV zz 0.0002707997

GPSVEC TP Point ID 46218      DX -7417.861      DY 1673.405
        Class Normal      DZ -2160.880      Code TOE-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.063

GPSQC1 NM Min SVs          6                PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 19.5
        Horz SD              Vert SD
        Start wk 1557 sec 574166.6 End wk 1557 sec 574172.2

GPSQC2 NM Ttl satellites 6      Err Scale 0.0095651308
        VCV xx 0.0001261678    VCV xy 0.0000981842
        VCV xz -0.0000435147 VCV yy 0.0004958797
        VCV yz -0.0002548744 VCV zz 0.000268305

GPSVEC TP Point ID 46219      DX -7268.463      DY 1618.727
        Class Normal      DZ -2140.999      Code EXT-TN
        Obs L1 Fixed      H.pr 0.042      V.pr 0.062

GPSQC1 NM Min SVs          6                PDOP max 2.4
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6        VDOP max 2.0
        Monitor status Not monitored RMS 19.1
        Horz SD              Vert SD
        Start wk 1557 sec 574270.4 End wk 1557 sec 574275.4

GPSQC2 NM Ttl satellites 6      Err Scale 0.0094535463
        VCV xx 0.0001219236    VCV xy 0.0000930029
        VCV xz -0.0000433397 VCV yy 0.0004738994
        VCV yz -0.0002433648 VCV zz 0.0002611039

GPSVEC TP Point ID 46220      DX -7250.763      DY 1612.134
        Class Normal      DZ -2138.755      Code EXT-PS
        Obs L1 Fixed      H.pr 0.042      V.pr 0.062
    
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GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	17.5
		Horz SD		Vert SD	
		Start wk 1557 sec	574290.6	End wk 1557 sec	574295.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0095065515
		VCV xx	0.000122976	VCV xy	0.0000936085
		VCV xz	-0.0000438952	VCV yy	0.0004769618
		VCV yz	-0.0002450601	VCV zz	0.0002642918
GPSVEC	TP	Point ID 46221	DX -7247.620	DY	1610.962
		Class Normal	DZ -2138.382	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.041	V.pr	0.061
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	15.4
		Horz SD		Vert SD	
		Start wk 1557 sec	574305.6	End wk 1557 sec	574310.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0093746968
		VCV xx	0.0001194252	VCV xy	0.0000905449
		VCV xz	-0.0000428738	VCV yy	0.0004624059
		VCV yz	-0.0002374231	VCV zz	0.0002565738
GPSVEC	TP	Point ID 46222	DX -7229.861	DY	1604.599
		Class Normal	DZ -2135.991	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.041	V.pr	0.061
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	17.1
		Horz SD		Vert SD	
		Start wk 1557 sec	574329.8	End wk 1557 sec	574334.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0093629817
		VCV xx	0.0001188203	VCV xy	0.0000897133
		VCV xz	-0.0000429442	VCV yy	0.0004588647
		VCV yz	-0.0002355577	VCV zz	0.0002558063
GPSVEC	TP	Point ID 46223	DX -7226.649	DY	1603.382
		Class Normal	DZ -2135.614	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.041	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	7	VDOP max	2.0
		Monitor status	Not monitored	RMS	17.0
		Horz SD		Vert SD	
		Start wk 1557 sec	574351.0	End wk 1557 sec	574356.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0092799738
		VCV xx	0.0001164518	VCV xy	0.0000875918
		VCV xz	-0.0000423464	VCV yy	0.0004486661
		VCV yz	-0.0002302621	VCV zz	0.0002511433
GPSVEC	TP	Point ID 46224	DX -7208.963	DY	1596.919
		Class Normal	DZ -2133.266	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.041	V.pr	0.060
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1557 sec	574373.0	End wk 1557 sec	574378.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0092166699
		VCV xx	0.0001146266	VCV xy	0.0000859165
		VCV xz	-0.000041937	VCV yy	0.000440566
		VCV yz	-0.0002260768	VCV zz	0.0002477315
GPSVEC	TP	Point ID 46225	DX -7205.817	DY	1595.760
		Class Normal	DZ -2132.774	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.040	V.pr	0.059
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	16.8
		Horz SD		Vert SD	
		Start wk 1557 sec	574389.0	End wk 1557 sec	574394.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.009186158
		VCV xx	0.0001136673	VCV xy	0.0000849859
		VCV xz	-0.0000417676	VCV yy	0.0004360915
		VCV yz	-0.000223762	VCV zz	0.0002460916
GPSVEC	TP	Point ID 46226	DX -7199.674	DY	1593.558
		Class Normal	DZ -2131.877	Code	DS-46\R-164-EXT
		Obs L1 Fixed	H.pr 0.040	V.pr	0.059
GPSQC1	NM	Min SVs	6	PDOP max	2.4
		Relative DOPs	Yes	HDOP max	1.3
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	18.8
		Horz SD		Vert SD	
		Start wk 1557 sec	574420.2	End wk 1557 sec	574425.2

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0091443164
VCV xx 0.0001123139 VCV xy 0.000083501
VCV xz -0.0000416964 VCV yy 0.0004292463
VCV yz -0.000220185 VCV zz 0.000243805

GPSVEC TP Point ID 46227 DX -7199.076 DY 1593.108
Class Normal DZ -2132.098 Code DS-46\R-164-EXT-
Obs L1 Fixed H.pr 0.040 V.pr 0.058

F-CODE TP Code DS-46\R-164-EXT-W

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.9
Horz SD Vert SD
Start wk 1557 sec 574441.6 End wk 1557 sec 574447.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0090735154
VCV xx 0.000110304 VCV xy 0.0000816627
VCV xz -0.0000412447 VCV yy 0.0004204226
VCV yz -0.000215573 VCV zz 0.0002398861

GPSVEC TP Point ID 46228 DX -7198.733 DY 1592.714
Class Normal DZ -2132.416 Code DS-46\R-164-EXT-
Obs L1 Fixed H.pr 0.041 V.pr 0.060

F-CODE TP Code DS-46\R-164-EXT-W

GPSQC1 NM Min SVs 6 PDOP max 2.4
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.0
Monitor status Not monitored RMS 16.9
Horz SD Vert SD
Start wk 1557 sec 574454.4 End wk 1557 sec 574459.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0092796385
VCV xx 0.0001151938 VCV xy 0.0000854608
VCV xz -0.0000430363 VCV yy 0.0004386401
VCV yz -0.000225157 VCV zz 0.0002517499

GPSVEC TP Point ID 46229 DX -7195.297 DY 1591.368
Class Normal DZ -2131.987 Code DS-46\R-164-EXT-
Obs L1 Fixed H.pr 0.036 V.pr 0.060

F-CODE TP Code DS-46\R-164-EXT-E

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1557 sec 574468.4 End wk 1557 sec 574474.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001091044 VCV xy 0.0000804459
VCV xz -0.0000413353 VCV yy 0.0004143015
VCV yz -0.0002125465 VCV zz 0.0002380391

GPSVEC TP Point ID 46230 DX -7194.975 DY 1591.449
Class Normal DZ -2131.656 Code DS-46\R-164-EXT-
Obs L1 Fixed H.pr 0.036 V.pr 0.060

F-CODE TP Code DS-46\R-164-EXT-E

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 14.1
Horz SD Vert SD
Start wk 1557 sec 574480.4 End wk 1557 sec 574485.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001089554 VCV xy 0.0000809497
VCV xz -0.0000428976 VCV yy 0.0004121389
VCV yz -0.0002131866 VCV zz 0.0002399453

GPSVEC TP Point ID 46231 DX -7194.238 DY 1591.522
Class Normal DZ -2131.067 Code DS-46\R-164-EXT-
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 15.9
Horz SD Vert SD
Start wk 1557 sec 574493.8 End wk 1557 sec 574498.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
VCV xx 0.0001094688 VCV xy 0.0000819599
VCV xz -0.0000448764 VCV yy 0.000412188
VCV yz -0.0002151035 VCV zz 0.0002435174

GPSVEC TP Point ID 46232 DX -7188.060 DY 1589.346
Class Normal DZ -2130.198 Code EXT-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.8
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.4
Monitor status Not monitored RMS 14.3
Horz SD Vert SD
Start wk 1557 sec 574517.0 End wk 1557 sec 574522.0
    
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GPSQC2 NM Ttl satellites 5 Err Scale 0.0077938885
          VCV xx 0.0001109808 VCV xy 0.0000838727
          VCV xz -0.0000481061 VCV yy 0.0004148467
          VCV yz -0.0002191603 VCV zz 0.0002504183

GPSVEC TP Point ID 46233 DX -7184.890 DY 1588.184
          Class Normal DZ -2129.830 Code EXT-TN
          Obs L1 Fixed H.pr 0.037 V.pr 0.063

GPSQC1 NM Min SVs 5 PDOP max 2.8
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.4
          Monitor status Not monitored RMS 14.0
          Horz SD Vert SD
          Start wk 1557 sec 574531.6 End wk 1557 sec 574537.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.007995747
          VCV xx 0.0001163506 VCV xy 0.0000885617
          VCV xz -0.0000515912 VCV yy 0.0004335995
          VCV yz -0.0002306427 VCV zz 0.0002654721

GPSVEC TP Point ID 46234 DX -7167.144 DY 1581.826
          Class Normal DZ -2127.354 Code EXT-PS
          Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.7
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.4
          Monitor status Not monitored RMS 14.6
          Horz SD Vert SD
          Start wk 1557 sec 574640.6 End wk 1557 sec 574645.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079547409
          VCV xx 0.0001131038 VCV xy 0.0000856214
          VCV xz -0.0000553951 VCV yy 0.0004123387
          VCV yz -0.000222789 VCV zz 0.0002642158

GPSVEC TP Point ID 46235 DX -7164.444 DY 1580.773
          Class Normal DZ -2126.991 Code EXT-TN-R
          Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.7
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.3
          Monitor status Not monitored RMS 16.6
          Horz SD Vert SD
          Start wk 1557 sec 574714.2 End wk 1557 sec 574719.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079926504
          VCV xx 0.0001127928 VCV xy 0.0000843831
          VCV xz -0.0000565956 VCV yy 0.0004068781
          VCV yz -0.0002198915 VCV zz 0.0002662669

GPSVEC TP Point ID 46236 DX -7163.638 DY 1580.118
          Class Normal DZ -2127.366 Code EXT-TN-R
          Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.7
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 5 VDOP max 2.3
          Monitor status Not monitored RMS 16.6
          Horz SD Vert SD
          Start wk 1557 sec 574725.6 End wk 1557 sec 574731.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079286443
          VCV xx 0.0001107759 VCV xy 0.0000826882
          VCV xz -0.0000557293 VCV yy 0.0003990374
          VCV yz -0.0002155586 VCV zz 0.0002618041

GPSVEC TP Point ID 46237 DX -7162.974 DY 1580.235
          Class Normal DZ -2126.822 Code EXT-TN-R
          Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.7
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.3
          Monitor status Not monitored RMS 16.3
          Horz SD Vert SD
          Start wk 1557 sec 574739.4 End wk 1557 sec 574744.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0078992331
          VCV xx 0.0001096849 VCV xy 0.0000817055
          VCV xz -0.0000553099 VCV yy 0.0003945455
          VCV yz -0.0002130411 VCV zz 0.0002596136

GPSVEC TP Point ID 46238 DX -7146.334 DY 1574.099
          Class Normal DZ -2124.705 Code EXT-PS
          Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 5 PDOP max 2.7
          Relative DOPs Yes HDOP max 1.4
          Total GPS pos 6 VDOP max 2.3
          Monitor status Not monitored RMS 16.3
          Horz SD Vert SD
          Start wk 1557 sec 574760.6 End wk 1557 sec 574765.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079065561
          VCV xx 0.0001095311 VCV xy 0.0000812715
          VCV xz -0.0000554814 VCV yy 0.0003928769
          VCV yz -0.0002119852 VCV zz 0.0002599161
    
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GPSVEC TP Point ID 46239      DX -7142.842      DY 1572.875
        Class Normal      DZ -2124.180      Code EXT-TN
        Obs L1 Fixed      H.pr 0.036      V.pr 0.060

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 14.5
        Horz SD              Vert SD
        Start wk 1557 sec 574775.8 End wk 1557 sec 574780.8

GPSQC2 NM Ttl satellites 5          Err Scale 0.0079010353
        VCV xx 0.0001090853    VCV xy 0.0000807145
        VCV xz -0.0000554234   VCV yy 0.00003904778
        VCV yz -0.00002105666  VCV zz 0.0002593604

GPSVEC TP Point ID 46240      DX -7125.384      DY 1566.780
        Class Normal      DZ -2121.591      Code EXT-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.060

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 12.8
        Horz SD              Vert SD
        Start wk 1557 sec 574794.8 End wk 1557 sec 574800.0

GPSQC2 NM Ttl satellites 5          Err Scale 0.0079107769
        VCV xx 0.0001090553    VCV xy 0.0000803687
        VCV xz -0.000055637    VCV yy 0.00038931
        VCV yz -0.000209751    VCV zz 0.0002598065

GPSVEC TP Point ID 46241      DX -7122.128      DY 1565.525
        Class Normal      DZ -2121.297      Code EXT-TN
        Obs L1 Fixed      H.pr 0.036      V.pr 0.060

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 12.7
        Horz SD              Vert SD
        Start wk 1557 sec 574809.0 End wk 1557 sec 574814.0

GPSQC2 NM Ttl satellites 5          Err Scale 0.0078886934
        VCV xx 0.0001081991    VCV xy 0.0000795236
        VCV xz -0.0000553408   VCV yy 0.0003855533
        VCV yz -0.0002075814   VCV zz 0.0002581705

GPSVEC TP Point ID 46242      DX -7104.470      DY 1559.015
        Class Normal      DZ -2119.120      Code EXT-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.059

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 12.7
        Horz SD              Vert SD
        Start wk 1557 sec 574828.0 End wk 1557 sec 574833.0

GPSQC2 NM Ttl satellites 5          Err Scale 0.0078884773
        VCV xx 0.0001078542    VCV xy 0.0000789518
        VCV xz -0.0000553753   VCV yy 0.0003832968
        VCV yz -0.0002061554   VCV zz 0.0002578552

GPSVEC TP Point ID 46243      DX -7083.554      DY 1551.418
        Class Normal      DZ -2116.171      Code EXT-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.059

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 13.0
        Horz SD              Vert SD
        Start wk 1557 sec 574856.2 End wk 1557 sec 574861.2

GPSQC2 NM Ttl satellites 5          Err Scale 0.0079094218
        VCV xx 0.000107987     VCV xy 0.0000785642
        VCV xz -0.0000557629   VCV yy 0.0003821823
        VCV yz -0.0002052217   VCV zz 0.0002589411

GPSVEC TP Point ID 46244      DX -7080.422      DY 1550.220
        Class Normal      DZ -2115.698      Code EXT-TN
        Obs L1 Fixed      H.pr 0.036      V.pr 0.059

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 14.7
        Horz SD              Vert SD
        Start wk 1557 sec 574875.4 End wk 1557 sec 574880.4

GPSQC2 NM Ttl satellites 5          Err Scale 0.0078857308
        VCV xx 0.0001070222    VCV xy 0.0000775081
        VCV xz -0.0000554953   VCV yy 0.0003776697
        VCV yz -0.000202542    VCV zz 0.0002571008

GPSVEC TP Point ID 46245      DX -7062.636      DY 1543.771
        Class Normal      DZ -2113.337      Code EXT-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.059
    
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GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.3
Monitor status Not monitored RMS 12.7
Horz SD Vert SD
Start wk 1557 sec 574893.4 End wk 1557 sec 574898.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079005724
VCV xx 0.0001071144 VCV xy 0.0000772608
VCV xz -0.0000557493 VCV yy 0.0003769863
VCV yz -0.0002019373 VCV zz 0.0002577968

GPSVEC TP Point ID 46246 DX -7059.566 DY 1542.624
Class Normal DZ -2112.894 Code EXT-TN
Obs L1 Fixed H.pr 0.036 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.3
Monitor status Not monitored RMS 16.2
Horz SD Vert SD
Start wk 1557 sec 574910.6 End wk 1557 sec 574916.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0078896517
VCV xx 0.0001065246 VCV xy 0.0000755339
VCV xz -0.0000556353 VCV yy 0.0003739547
VCV yz -0.000200068 VCV zz 0.000256841

GPSVEC TP Point ID 46247 DX -7055.725 DY 1541.210
Class Normal DZ -2112.428 Code EXT-TN-R
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.7
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.3
Monitor status Not monitored RMS 14.5
Horz SD Vert SD
Start wk 1557 sec 574945.8 End wk 1557 sec 574951.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0078731105
VCV xx 0.0001055649 VCV xy 0.0000752087
VCV xz -0.0000555647 VCV yy 0.0003685655
VCV yz -0.0001966912 VCV zz 0.0002553854

GPSVEC TP Point ID 46248 DX -7052.417 DY 1539.818
Class Normal DZ -2111.814 Code EXT-TN-R
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 16.2
Horz SD Vert SD
Start wk 1557 sec 574997.0 End wk 1557 sec 575002.0

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079078553
VCV xx 0.000105704 VCV xy 0.0000744196
VCV xz -0.0000562591 VCV yy 0.0003661251
VCV yz -0.0001946386 VCV zz 0.0002571015

GPSVEC TP Point ID 46249 DX -7051.878 DY 1539.590
Class Normal DZ -2111.835 Code EXT-TN
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.7
Horz SD Vert SD
Start wk 1557 sec 575011.2 End wk 1557 sec 575016.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079072593
VCV xx 0.0001054494 VCV xy 0.0000740334
VCV xz -0.0000562621 VCV yy 0.0003645497
VCV yz -0.0001935817 VCV zz 0.0002569109

GPSVEC TP Point ID 46250 DX -7043.392 DY 1536.629
Class Normal DZ -2110.854 Code EXT-TN
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.8
Horz SD Vert SD
Start wk 1557 sec 575035.2 End wk 1557 sec 575040.2

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079029137
VCV xx 0.0001049562 VCV xy 0.0000732854
VCV xz -0.0000562899 VCV yy 0.0003615023
VCV yz -0.0001915835 VCV zz 0.0002564027

GPSVEC TP Point ID 46251 DX -7041.881 DY 1536.113
Class Normal DZ -2110.567 Code EXT-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1557 sec 575049.2 End wk 1557 sec 575054.2

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GPSQC2 NM Ttl satellites 5 Err Scale 0.0079060933
VCV xx 0.0001048081 VCV xy 0.0000729716
VCV xz -0.0000563601 VCV yy 0.0003602756
VCV yz -0.000190706 VCV zz 0.000256475

NOTE TS Time Date 11/14/2009 Time 07:45:28

GPSVEC TP Point ID 46252 DX -7022.782 DY 1528.971
Class Normal DZ -2108.121 Code EXT-TN
Obs L1 Fixed H.pr 0.037 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1557 sec 575140.0 End wk 1557 sec 575145.0

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079743192
VCV xx 0.0001052821 VCV xy 0.0000716568
VCV xz -0.0000579261 VCV yy 0.000356353
VCV yz -0.0001870692 VCV zz 0.0002603453

GPSVEC TP Point ID 46253 DX -7020.958 DY 1528.347
Class Normal DZ -2107.831 Code EXT-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 14.9
Horz SD Vert SD
Start wk 1557 sec 575154.4 End wk 1557 sec 575159.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079566073
VCV xx 0.0001045345 VCV xy 0.0000709507
VCV xz -0.0000576694 VCV yy 0.0003530808
VCV yz -0.0001850666 VCV zz 0.0002590664

GPSVEC TP Point ID 46254 DX -7001.922 DY 1521.356
Class Normal DZ -2105.554 Code EXT-TN
Obs L1 Fixed H.pr 0.036 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 14.9
Horz SD Vert SD
Start wk 1557 sec 575179.8 End wk 1557 sec 575185.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079624802
VCV xx 0.0001043029 VCV xy 0.0000703411
VCV xz -0.0000579244 VCV yy 0.0003508034
VCV yz -0.0001834079 VCV zz 0.0002592534

GPSVEC TP Point ID 46255 DX -6999.976 DY 1520.671
Class Normal DZ -2105.313 Code EXT-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 16.4
Horz SD Vert SD
Start wk 1557 sec 575195.8 End wk 1557 sec 575200.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079833008
VCV xx 0.0001046056 VCV xy 0.0000703623
VCV xz -0.0000582521 VCV yy 0.0003510721
VCV yz -0.0001832656 VCV zz 0.000260608

GPSVEC TP Point ID 46256 DX -6981.017 DY 1513.531
Class Normal DZ -2103.070 Code EXT-TN
Obs L1 Fixed H.pr 0.037 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 14.7
Horz SD Vert SD
Start wk 1557 sec 575215.0 End wk 1557 sec 575220.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0079885377
VCV xx 0.0001044463 VCV xy 0.0000698974
VCV xz -0.0000584796 VCV yy 0.0003493236
VCV yz -0.0001819604 VCV zz 0.0002608782

GPSVEC TP Point ID 46257 DX -6979.044 DY 1512.793
Class Normal DZ -2102.773 Code EXT-PS
Obs L1 Fixed H.pr 0.037 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 12.9
Horz SD Vert SD
Start wk 1557 sec 575231.8 End wk 1557 sec 575237.0

GPSQC2 NM Ttl satellites 5 Err Scale 0.0080154082
VCV xx 0.000104884 VCV xy 0.0000700059
VCV xz -0.0000588978 VCV yy 0.0003499677
VCV yz -0.0001819722 VCV zz 0.0002626806
    
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GPSVEC	TP	Point ID 46258	DX -6969.894	DY 1509.260
		Class Normal	DZ -2101.503	Code EXT-R-166
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 15.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 575257.2	End wk 1557 sec 575262.2	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0079917368	
		VCV xx 0.0001038798	VCV xy 0.0000688592	
		VCV xz -0.0000587743	VCV yy 0.0003450435	
		VCV yz -0.0001789271	VCV zz 0.0002609516	
GPSVEC	TP	Point ID 46259	DX -6968.592	DY 1508.849
		Class Normal	DZ -2101.288	Code EXT-R-166
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 13.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 575272.4	End wk 1557 sec 575277.4	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0080018109	
		VCV xx 0.0001038796	VCV xy 0.0000686365	
		VCV xz -0.0000589853	VCV yy 0.0003441824	
		VCV yz -0.0001781479	VCV zz 0.0002615875	
GPSVEC	TP	Point ID 46260	DX -6969.914	DY 1508.987
		Class Normal	DZ -2101.931	Code R-166-S
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 7	VDOP max 2.2	
		Monitor status Not monitored	RMS 12.9	
		Horz SD	Vert SD	
		Start wk 1557 sec 575291.8	End wk 1557 sec 575297.6	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0079955859	
		VCV xx 0.0001034269	VCV xy 0.0000679931	
		VCV xz -0.0000590604	VCV yy 0.0003414931	
		VCV yz -0.0001763608	VCV zz 0.0002611297	
GPSVEC	TP	Point ID 46261	DX -6968.923	DY 1508.486
		Class Normal	DZ -2102.078	Code R-166-S
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 12.9	
		Horz SD	Vert SD	
		Start wk 1557 sec 575302.6	End wk 1557 sec 575307.8	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0080259321	
		VCV xx 0.0001040243	VCV xy 0.0000682904	
		VCV xz -0.0000595023	VCV yy 0.0003429624	
		VCV yz -0.0001768711	VCV zz 0.0002631834	
GPSVEC	TP	Point ID 46262	DX -6972.607	DY 1512.632
		Class Normal	DZ -2096.421	Code R-168
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 7	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 575321.0	End wk 1557 sec 575327.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0080391206	
		VCV xx 0.0001041183	VCV xy 0.0000680078	
		VCV xz -0.0000598971	VCV yy 0.0003421409	
		VCV yz -0.0001760937	VCV zz 0.0002640048	
GPSVEC	TP	Point ID 46263	DX -6960.191	DY 1505.666
		Class Normal	DZ -2100.204	Code EXT-TN
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.2	
		Monitor status Not monitored	RMS 14.8	
		Horz SD	Vert SD	
		Start wk 1557 sec 575344.0	End wk 1557 sec 575349.0	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0080815284	
		VCV xx 0.000104878	VCV xy 0.0000681436	
		VCV xz -0.0000607066	VCV yy 0.0003432687	
		VCV yz -0.0001761642	VCV zz 0.000266887	
GPSVEC	TP	Point ID 46264	DX -6958.953	DY 1505.221
		Class Normal	DZ -2100.010	Code EXT-R-167
		Obs L1 Fixed	H.pr 0.037	V.pr 0.057

GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	16.6
		Horz SD		Vert SD	
		Start wk 1557 sec	575359.2	End wk 1557 sec	575364.2
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0080840308
		VCV xx	0.0001046942	VCV xy	0.0000677789
		VCV xz	-0.0000608628	VCV yy	0.0003417414
		VCV yz	-0.0001750422	VCV zz	0.0002670617
GPSVEC	TP	Point ID 46265	DX -6957.210	DY	1504.569
		Class Normal	DZ -2099.765	Code	EXT-R-167
		Obs L1 Fixed	H.pr 0.037	V.pr	0.057
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1557 sec	575371.2	End wk 1557 sec	575376.2
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0080643147
		VCV xx	0.000104004	VCV xy	0.0000671342
		VCV xz	-0.0000606637	VCV yy	0.0003388131
		VCV yz	-0.0001732875	VCV zz	0.0002657364
GPSVEC	TP	Point ID 46266	DX -6957.889	DY	1505.883
		Class Normal	DZ -2098.210	Code	R-167-PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.057
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.1
		Horz SD		Vert SD	
		Start wk 1557 sec	575392.2	End wk 1557 sec	575397.4
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0080809202
		VCV xx	0.0001041083	VCV xy	0.0000668298
		VCV xz	-0.0000611273	VCV yy	0.0003377934
		VCV yz	-0.0001722797	VCV zz	0.0002668925
GPSVEC	TP	Point ID 46267	DX -6957.700	DY	1517.455
		Class Normal	DZ -2067.050	Code	PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.057
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	15.0
		Horz SD		Vert SD	
		Start wk 1557 sec	575441.4	End wk 1557 sec	575446.4
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0081648901
		VCV xx	0.00010558	VCV xy	0.0000668974
		VCV xz	-0.000062996	VCV yy	0.0003392844
		VCV yz	-0.0001718897	VCV zz	0.0002728646
GPSVEC	TP	Point ID 46268	DX -6978.782	DY	1525.004
		Class Normal	DZ -2068.657	Code	PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.057
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.2
		Horz SD		Vert SD	
		Start wk 1557 sec	575458.4	End wk 1557 sec	575463.4
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0081481989
		VCV xx	0.0001048818	VCV xy	0.0000661409
		VCV xz	-0.0000629328	VCV yy	0.0003359381
		VCV yz	-0.000169771	VCV zz	0.0002718191
GPSVEC	TP	Point ID 46269	DX -6999.648	DY	1533.286
		Class Normal	DZ -2070.148	Code	PS
		Obs L1 Fixed	H.pr 0.037	V.pr	0.057
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.2
		Horz SD		Vert SD	
		Start wk 1557 sec	575475.6	End wk 1557 sec	575480.6
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0081847748
		VCV xx	0.0001055697	VCV xy	0.0000663121
		VCV xz	-0.0000636663	VCV yy	0.000337085
		VCV yz	-0.0001699006	VCV zz	0.0002744767
GPSVEC	TP	Point ID 46270	DX -7020.524	DY	1541.610
		Class Normal	DZ -2071.712	Code	PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.057
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1557 sec	575492.8	End wk 1557 sec	575497.8

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GPSQC2 NM Ttl satellites 5 Err Scale 0.0082451236
VCV xx 0.0001068468 VCV xy 0.0000668373
VCV xz -0.000064766 VCV yy 0.0003401336
VCV yz -0.0001710069 VCV zz 0.0002785916

GPSVEC TP Point ID 46271 DX -7041.366 DY 1549.651
Class Normal DZ -2073.644 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 13.4
Horz SD Vert SD
Start wk 1557 sec 575509.8 End wk 1557 sec 575514.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0082567818
VCV xx 0.0001068892 VCV xy 0.0000665609
VCV xz -0.0000651549 VCV yy 0.0003391782
VCV yz -0.0001700909 VCV zz 0.0002795172

GPSVEC TP Point ID 46272 DX -7062.399 DY 1557.528
Class Normal DZ -2075.525 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.057

GPSQC1 NM Min SVs 5 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.1
Monitor status Not monitored RMS 17.2
Horz SD Vert SD
Start wk 1557 sec 575528.0 End wk 1557 sec 575533.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0083110165
VCV xx 0.0001080032 VCV xy 0.0000669607
VCV xz -0.0000661909 VCV yy 0.0003416111
VCV yz -0.0001708017 VCV zz 0.0002833633

GPSVEC TP Point ID 46273 DX -7083.364 DY 1565.379
Class Normal DZ -2077.248 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1557 sec 575570.4 End wk 1557 sec 575575.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0083831856
VCV xx 0.0001092452 VCV xy 0.0000669839
VCV xz -0.0000679155 VCV yy 0.0003427185
VCV yz -0.0001702184 VCV zz 0.000288843

GPSVEC TP Point ID 46274 DX -7104.277 DY 1573.189
Class Normal DZ -2079.220 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 17.2
Horz SD Vert SD
Start wk 1557 sec 575588.4 End wk 1557 sec 575593.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0084134284
VCV xx 0.0001097057 VCV xy 0.0000669422
VCV xz -0.0000686292 VCV yy 0.0003429306
VCV yz -0.0001697689 VCV zz 0.0002911276

GPSVEC TP Point ID 46275 DX -7125.150 DY 1581.107
Class Normal DZ -2081.223 Code PS
Obs L1 Fixed H.pr 0.039 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 13.7
Horz SD Vert SD
Start wk 1557 sec 575608.4 End wk 1557 sec 575613.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.0084263654
VCV xx 0.0001097198 VCV xy 0.0000666022
VCV xz -0.0000690936 VCV yy 0.0003417013
VCV yz -0.0001685863 VCV zz 0.0002922515

GPSVEC TP Point ID 46276 DX -7145.947 DY 1588.936
Class Normal DZ -2083.569 Code PS
Obs L1 Fixed H.pr 0.039 V.pr 0.058

GPSQC1 NM Min SVs 5 PDOP max 2.5
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.1
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1557 sec 575625.6 End wk 1557 sec 575630.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0084764538
VCV xx 0.0001107447 VCV xy 0.0000669644
VCV xz -0.0000701218 VCV yy 0.0003437689
VCV yz -0.0001690352 VCV zz 0.000296117

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GPSVEC TP Point ID 46277      DX -7166.954      DY 1596.855
        Class Normal        DZ -2085.815      Code PS
        Obs L1 Fixed        H.pr 0.039       V.pr 0.058

GPSQC1 NM Min SVs          5                PDOP max 2.5
        Relative DOPs Yes   HDOP max 1.4
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 15.5
        Horz SD              Vert SD
        Start wk 1557 sec 575644.6 End wk 1557 sec 575649.6

GPSQC2 NM Ttl satellites 5      Err Scale 0.0084911715
        VCV xx 0.0001107965 VCV xy 0.0000666681
        VCV xz -0.0000706006 VCV yy 0.0003427128
        VCV yz -0.0001679357 VCV zz 0.000297358

GPSVEC TP Point ID 46278      DX -7187.849      DY 1604.619
        Class Normal        DZ -2087.997      Code PS
        Obs L1 Fixed        H.pr 0.039       V.pr 0.058

GPSQC1 NM Min SVs          5                PDOP max 2.5
        Relative DOPs Yes   HDOP max 1.4
        Total GPS pos 7     VDOP max 2.1
        Monitor status Not monitored RMS 15.6
        Horz SD              Vert SD
        Start wk 1557 sec 575661.8 End wk 1557 sec 575667.8

GPSQC2 NM Ttl satellites 5      Err Scale 0.0085321246
        VCV xx 0.0001115985 VCV xy 0.0000668718
        VCV xz -0.0000714974 VCV yy 0.0003441639
        VCV yz -0.0001681517 VCV zz 0.0003004665

GPSVEC TP Point ID 46279      DX -7208.919      DY 1612.602
        Class Normal        DZ -2089.632      Code PS
        Obs L1 Fixed        H.pr 0.039       V.pr 0.058

GPSQC1 NM Min SVs          5                PDOP max 2.5
        Relative DOPs Yes   HDOP max 1.4
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 17.9
        Horz SD              Vert SD
        Start wk 1557 sec 575684.8 End wk 1557 sec 575689.8

GPSQC2 NM Ttl satellites 5      Err Scale 0.0085850526
        VCV xx 0.00011258   VCV xy 0.0000671257
        VCV xz -0.0000726473 VCV yy 0.0003457235
        VCV yz -0.0001680888 VCV zz 0.0003047202

GPSVEC TP Point ID 46280      DX -7229.823      DY 1620.482
        Class Normal        DZ -2091.557      Code PS
        Obs L1 Fixed        H.pr 0.040       V.pr 0.059

GPSQC1 NM Min SVs          5                PDOP max 2.5
        Relative DOPs Yes   HDOP max 1.4
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 17.7
        Horz SD              Vert SD
        Start wk 1557 sec 575703.8 End wk 1557 sec 575708.8

GPSQC2 NM Ttl satellites 5      Err Scale 0.0087822797
        VCV xx 0.0001174109 VCV xy 0.0000700957
        VCV xz -0.000075862   VCV yy 0.0003599905
        VCV yz -0.0001742269 VCV zz 0.0003193571

GPSVEC TP Point ID 46281      DX -7250.777      DY 1628.387
        Class Normal        DZ -2093.499      Code PS
        Obs L1 Fixed        H.pr 0.039       V.pr 0.058

GPSQC1 NM Min SVs          5                PDOP max 2.5
        Relative DOPs Yes   HDOP max 1.4
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 15.8
        Horz SD              Vert SD
        Start wk 1557 sec 575721.8 End wk 1557 sec 575727.0

GPSQC2 NM Ttl satellites 5      Err Scale 0.0086352918
        VCV xx 0.00011329   VCV xy 0.0000667941
        VCV xz -0.0000742015 VCV yy 0.0003451389
        VCV yz -0.0001666372 VCV zz 0.0003090499

GPSVEC TP Point ID 46282      DX -7271.556      DY 1636.270
        Class Normal        DZ -2095.705      Code PS
        Obs L1 Fixed        H.pr 0.041       V.pr 0.060

GPSQC1 NM Min SVs          5                PDOP max 2.5
        Relative DOPs Yes   HDOP max 1.4
        Total GPS pos 6     VDOP max 2.1
        Monitor status Not monitored RMS 16.3
        Horz SD              Vert SD
        Start wk 1557 sec 575739.2 End wk 1557 sec 575744.2

GPSQC2 NM Ttl satellites 5      Err Scale 0.008871519
        VCV xx 0.0001190708 VCV xy 0.0000702438
        VCV xz -0.0000781918 VCV yy 0.0003618596
        VCV yz -0.0001736164 VCV zz 0.0003268957

GPSVEC TP Point ID 46283      DX -7292.491      DY 1644.051
        Class Normal        DZ -2098.147      Code PS
        Obs L1 Fixed        H.pr 0.040       V.pr 0.059
    
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GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.1
		Monitor status	Not monitored	RMS	17.9
		Horz SD		Vert SD	
		Start wk 1557 sec	575756.2	End wk 1557 sec	575761.2
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0087469211
		VCV xx	0.0001156472	VCV xy	0.0000675033
		VCV xz	-0.0000767756	VCV yy	0.000349743
		VCV yz	-0.0001676121	VCV zz	0.0003180052
GPSVEC	TP	Point ID 46284	DX -7313.284	DY	1652.052
		Class Normal	DZ -2099.846	Code	PS
		Obs L1 Fixed	H.pr 0.040	V.pr	0.059
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	14.5
		Horz SD		Vert SD	
		Start wk 1557 sec	575782.2	End wk 1557 sec	575787.2
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0087811723
		VCV xx	0.0001160929	VCV xy	0.0000672803
		VCV xz	-0.0000778105	VCV yy	0.0003492963
		VCV yz	-0.0001664683	VCV zz	0.0003210785
GPSVEC	TP	Point ID 46285	DX -7334.225	DY	1659.902
		Class Normal	DZ -2101.869	Code	PS
		Obs L1 Fixed	H.pr 0.040	V.pr	0.059
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	16.0
		Horz SD		Vert SD	
		Start wk 1557 sec	575799.4	End wk 1557 sec	575804.4
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0087655075
		VCV xx	0.000115355	VCV xy	0.0000665038
		VCV xz	-0.0000778392	VCV yy	0.0003458396
		VCV yz	-0.0001641293	VCV zz	0.0003203734
GPSVEC	TP	Point ID 46286	DX -7355.087	DY	1667.309
		Class Normal	DZ -2104.773	Code	PS
		Obs L1 Fixed	H.pr 0.040	V.pr	0.059
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	5	VDOP max	2.0
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1557 sec	575815.6	End wk 1557 sec	575820.6
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0088084778
		VCV xx	0.0001161848	VCV xy	0.0000667016
		VCV xz	-0.0000788695	VCV yy	0.0003471953
		VCV yz	-0.0001641092	VCV zz	0.000324005
GPSVEC	TP	Point ID 46287	DX -7376.124	DY	1675.161
		Class Normal	DZ -2107.055	Code	PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.053
GPSQC1	NM	Min SVs	5	PDOP max	2.5
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.0
		Monitor status	Not monitored	RMS	16.1
		Horz SD		Vert SD	
		Start wk 1557 sec	575840.6	End wk 1557 sec	575845.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0106936302
		VCV xx	0.0001163683	VCV xy	0.0000605002
		VCV xz	-0.0000783166	VCV yy	0.000269922
		VCV yz	-0.0001399051	VCV zz	0.0003207437
GPSVEC	TP	Point ID 46288	DX -7397.026	DY	1683.276
		Class Normal	DZ -2108.670	Code	PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.053
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	19.6
		Horz SD		Vert SD	
		Start wk 1557 sec	575860.6	End wk 1557 sec	575865.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0107115079
		VCV xx	0.0001165442	VCV xy	0.0000602971
		VCV xz	-0.0000791159	VCV yy	0.0002685053
		VCV yz	-0.0001389644	VCV zz	0.0003230583
GPSVEC	TP	Point ID 46289	DX -7417.948	DY	1691.218
		Class Normal	DZ -2110.384	Code	PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.053
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	19.6
		Horz SD		Vert SD	
		Start wk 1557 sec	575878.8	End wk 1557 sec	575883.8

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0107188365
          VCV xx 0.0001171265 VCV xy 0.0000600782
          VCV xz -0.0000800749 VCV yy 0.0002646169
          VCV yz -0.000137693 VCV zz 0.0003261775

GPSVEC TP Point ID 46290 DX -7438.746 DY 1699.085
          Class Normal DZ -2112.282 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.2
          Horz SD Vert SD
          Start wk 1557 sec 575898.0 End wk 1557 sec 575903.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0107391784
          VCV xx 0.0001171827 VCV xy 0.0000599237
          VCV xz -0.0000807772 VCV yy 0.0002640794
          VCV yz -0.0001369538 VCV zz 0.0003281958

GPSVEC TP Point ID 46291 DX -7459.690 DY 1706.619
          Class Normal DZ -2115.337 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 17.9
          Horz SD Vert SD
          Start wk 1557 sec 575916.0 End wk 1557 sec 575921.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0107741086
          VCV xx 0.0001176002 VCV xy 0.0000599464
          VCV xz -0.0000817026 VCV yy 0.0002641705
          VCV yz -0.0001366146 VCV zz 0.0003311585

GPSVEC TP Point ID 46292 DX -7480.536 DY 1714.345
          Class Normal DZ -2117.814 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 17.9
          Horz SD Vert SD
          Start wk 1557 sec 575933.2 End wk 1557 sec 575938.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0107860044
          VCV xx 0.0001183412 VCV xy 0.0000598186
          VCV xz -0.0000827714 VCV yy 0.0002601375
          VCV yz -0.0001354799 VCV zz 0.0003348799

GPSVEC TP Point ID 46293 DX -7501.608 DY 1721.865
          Class Normal DZ -2120.686 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 18.3
          Horz SD Vert SD
          Start wk 1557 sec 575950.4 End wk 1557 sec 575956.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0108172633
          VCV xx 0.000118564 VCV xy 0.0000597818
          VCV xz -0.0000836071 VCV yy 0.0002604169
          VCV yz -0.0001350649 VCV zz 0.0003373747

GPSVEC TP Point ID 46294 DX -7522.551 DY 1729.403
          Class Normal DZ -2123.911 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 20.2
          Horz SD Vert SD
          Start wk 1557 sec 575969.2 End wk 1557 sec 575974.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0108558657
          VCV xx 0.0001189863 VCV xy 0.0000597806
          VCV xz -0.0000846644 VCV yy 0.0002607743
          VCV yz -0.0001347694 VCV zz 0.0003405108

GPSVEC TP Point ID 46295 DX -7543.135 DY 1737.469
          Class Normal DZ -2126.824 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.2
          Horz SD Vert SD
          Start wk 1557 sec 575989.4 End wk 1557 sec 575994.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.010892163
          VCV xx 0.0001193565 VCV xy 0.0000597468
          VCV xz -0.0000857373 VCV yy 0.0002606831
          VCV yz -0.0001342553 VCV zz 0.000343789
    
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GPSVEC TP Point ID 46296      DX -7548.931      DY 1740.097
        Class Normal      DZ -2126.782      Code DS-40\R-158-PS
        Obs L1 Fixed      H.pr 0.043      V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 18.5
        Horz SD              Vert SD
        Start wk 1557 sec 576044.6 End wk 1557 sec 576049.6

GPSQC2 NM Ttl satellites 6          Err Scale 0.0110778045
        VCV xx 0.0001224579    VCV xy 0.0000605073
        VCV xz -0.0000906167   VCV yy 0.0002632521
        VCV yz -0.0001347399   VCV zz 0.0003594582

GPSVEC TP Point ID 46297      DX -7550.421      DY 1738.768
        Class Normal      DZ -2132.483      Code DS-40\R-158-PS
        Obs L1 Fixed      H.pr 0.043      V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 18.5
        Horz SD              Vert SD
        Start wk 1557 sec 576058.6 End wk 1557 sec 576063.6

GPSQC2 NM Ttl satellites 6          Err Scale 0.0110831223
        VCV xx 0.0001223041    VCV xy 0.0000602815
        VCV xz -0.0000910291   VCV yy 0.000261977
        VCV yz -0.0001337939   VCV zz 0.0003607142

GPSVEC TP Point ID 46298      DX -7543.679      DY 1744.890
        Class Normal      DZ -2106.079      Code R-?-PS
        Obs L1 Fixed      H.pr 0.044      V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 22.1
        Horz SD              Vert SD
        Start wk 1557 sec 576086.8 End wk 1557 sec 576091.8

GPSQC2 NM Ttl satellites 6          Err Scale 0.0111194616
        VCV xx 0.000122623     VCV xy 0.0000600355
        VCV xz -0.0000925246   VCV yy 0.0002603724
        VCV yz -0.0001325362   VCV zz 0.000365123

GPSVEC TP Point ID 46299      DX -7543.108      DY 1744.650
        Class Normal      DZ -2106.070      Code R-?-PS
        Obs L1 Fixed      H.pr 0.044      V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 20.3
        Horz SD              Vert SD
        Start wk 1557 sec 576097.8 End wk 1557 sec 576102.8

GPSQC2 NM Ttl satellites 6          Err Scale 0.0111221904
        VCV xx 0.00012249     VCV xy 0.0000598574
        VCV xz -0.0000928171   VCV yy 0.000259339
        VCV yz -0.0001318055   VCV zz 0.0003660301

GPSVEC TP Point ID 46300      DX -7542.754      DY 1745.704
        Class Normal      DZ -2102.500      Code R-?-PS
        Obs L1 Fixed      H.pr 0.043      V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 20.3
        Horz SD              Vert SD
        Start wk 1557 sec 576112.0 End wk 1557 sec 576117.0

GPSQC2 NM Ttl satellites 6          Err Scale 0.0111080958
        VCV xx 0.0001219325    VCV xy 0.0000594165
        VCV xz -0.0000929613   VCV yy 0.0002570735
        VCV yz -0.0001304298   VCV zz 0.0003660893

GPSVEC TP Point ID 46301      DX -7562.050      DY 1746.550
        Class Normal      DZ -2126.591      Code PS
        Obs L1 Fixed      H.pr 0.044      V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 7        VDOP max 1.5
        Monitor status Not monitored RMS 20.8
        Horz SD              Vert SD
        Start wk 1557 sec 576154.2 End wk 1557 sec 576160.0

GPSQC2 NM Ttl satellites 6          Err Scale 0.0111696972
        VCV xx 0.000122582     VCV xy 0.0000590649
        VCV xz -0.0000955777   VCV yy 0.0002544383
        VCV yz -0.0001285991   VCV zz 0.0003737012

GPSVEC TP Point ID 46302      DX -7574.455      DY 1754.416
        Class Normal      DZ -2123.772      Code PS
        Obs L1 Fixed      H.pr 0.045      V.pr 0.056
    
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GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	21.1
		Horz SD		Vert SD	
		Start wk 1557 sec	576170.2	End wk 1557 sec	576175.2
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0114444718
		VCV xx	0.0001283343	VCV xy	0.0000621248
		VCV xz	-0.0001000113	VCV yy	0.0002658603
		VCV yz	-0.0001338621	VCV zz	0.0003933401
GPSVEC	TP	Point ID 46303		DX -7585.333	DY 1762.787
		Class Normal		DZ -2119.862	Code PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.055
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.7
		Horz SD		Vert SD	
		Start wk 1557 sec	576185.2	End wk 1557 sec	576190.2
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0112486528
		VCV xx	0.0001237822	VCV xy	0.0000592223
		VCV xz	-0.0000980048	VCV yy	0.0002540518
		VCV yz	-0.0001280507	VCV zz	0.0003816311
GPSVEC	TP	Point ID 46304		DX -7595.137	DY 1772.634
		Class Normal		DZ -2113.280	Code PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.055
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	19.2
		Horz SD		Vert SD	
		Start wk 1557 sec	576202.2	End wk 1557 sec	576207.4
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0112840133
		VCV xx	0.0001242493	VCV xy	0.0000592055
		VCV xz	-0.0000991981	VCV yy	0.0002534812
		VCV yz	-0.0001275254	VCV zz	0.0003854785
GPSVEC	TP	Point ID 46305		DX -7603.395	DY 1782.288
		Class Normal		DZ -2106.626	Code PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.055
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.4
		Horz SD		Vert SD	
		Start wk 1557 sec	576219.6	End wk 1557 sec	576225.4
GPSQC2	NM	Ttl satellites	6	Err Scale	0.011304874
		VCV xx	0.0001243664	VCV xy	0.0000590205
		VCV xz	-0.0001001663	VCV yy	0.0002520849
		VCV yz	-0.0001265893	VCV zz	0.0003884289
GPSVEC	TP	Point ID 46306		DX -7610.545	DY 1793.061
		Class Normal		DZ -2098.024	Code PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.055
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	20.7
		Horz SD		Vert SD	
		Start wk 1557 sec	576239.8	End wk 1557 sec	576244.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0113606872
		VCV xx	0.0001252427	VCV xy	0.0000591776
		VCV xz	-0.0001018665	VCV yy	0.0002519998
		VCV yz	-0.0001263096	VCV zz	0.0003941172
GPSVEC	TP	Point ID 46307		DX -7615.408	DY 1803.204
		Class Normal		DZ -2088.563	Code PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.055
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	19.0
		Horz SD		Vert SD	
		Start wk 1557 sec	576255.8	End wk 1557 sec	576260.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0114004705
		VCV xx	0.0001258111	VCV xy	0.0000592346
		VCV xz	-0.0001031324	VCV yy	0.0002516788
		VCV yz	-0.0001259384	VCV zz	0.0003983141
GPSVEC	TP	Point ID 46308		DX -7618.806	DY 1813.900
		Class Normal		DZ -2078.290	Code PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.055
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.6
		Horz SD		Vert SD	
		Start wk 1557 sec	576273.0	End wk 1557 sec	576278.0

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0114459824
          VCV xx 0.0001264739 VCV xy 0.0000593132
          VCV xz -0.0001045694 VCV yy 0.0002513984
          VCV yz -0.0001255864 VCV zz 0.0004030521

GPSVEC TP Point ID 46309 DX -7618.390 DY 1823.742
          Class Normal DZ -2066.422 Code PS
          Obs L1 Fixed H.pr 0.044 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 23.1
          Horz SD Vert SD
          Start wk 1557 sec 576295.4 End wk 1557 sec 576301.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0114835268
          VCV xx 0.0001268507 VCV xy 0.0000591462
          VCV xz -0.0001061867 VCV yy 0.000249847
          VCV yz -0.0001245584 VCV zz 0.0004079783

GPSVEC TP Point ID 46310 DX -7617.028 DY 1833.640
          Class Normal DZ -2054.980 Code PS
          Obs L1 Fixed H.pr 0.044 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.1
          Horz SD Vert SD
          Start wk 1557 sec 576314.4 End wk 1557 sec 576319.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0115081621
          VCV xx 0.0001270263 VCV xy 0.0000589547
          VCV xz -0.0001073655 VCV yy 0.0002484293
          VCV yz -0.0001236298 VCV zz 0.0004115201

GPSVEC TP Point ID 46311 DX -7612.995 DY 1842.739
          Class Normal DZ -2042.588 Code PS
          Obs L1 Fixed H.pr 0.045 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 22.9
          Horz SD Vert SD
          Start wk 1557 sec 576332.6 End wk 1557 sec 576337.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.011547124
          VCV xx 0.0001275012 VCV xy 0.0000589255
          VCV xz -0.0001088158 VCV yy 0.0002475447
          VCV yz -0.0001229668 VCV zz 0.0004162014

GPSVEC TP Point ID 46312 DX -7606.234 DY 1849.689
          Class Normal DZ -2030.289 Code PS
          Obs L1 Fixed H.pr 0.045 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 19.4
          Horz SD Vert SD
          Start wk 1557 sec 576351.6 End wk 1557 sec 576356.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.011588024
          VCV xx 0.0001279924 VCV xy 0.0000588642
          VCV xz -0.0001103912 VCV yy 0.0002465607
          VCV yz -0.0001222715 VCV zz 0.0004211311

GPSVEC TP Point ID 46313 DX -7593.847 DY 1857.204
          Class Normal DZ -2013.191 Code PS
          Obs L1 Fixed H.pr 0.045 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.3
          Horz SD Vert SD
          Start wk 1557 sec 576370.6 End wk 1557 sec 576375.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0116297537
          VCV xx 0.000128511 VCV xy 0.0000588158
          VCV xz -0.0001120137 VCV yy 0.0002456263
          VCV yz -0.0001216026 VCV zz 0.0004262328

GPSVEC TP Point ID 46314 DX -7580.942 DY 1864.516
          Class Normal DZ -1996.543 Code PS
          Obs L1 Fixed H.pr 0.049 V.pr 0.059

GPSQC1 NM Min SVs 5 PDOP max 3.1
          Relative DOPs Yes HDOP max 2.0
          Total GPS pos 6 VDOP max 2.4
          Monitor status Not monitored RMS 12.8
          Horz SD Vert SD
          Start wk 1557 sec 576390.8 End wk 1557 sec 576395.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0077459668
          VCV xx 0.0001403828 VCV xy 0.0000639279
          VCV xz -0.0001437225 VCV yy 0.0002467817
          VCV yz -0.0001344903 VCV zz 0.0005103172
    
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GPSVEC TP Point ID 46315      DX -7540.255      DY 1835.500
        Class Normal      DZ -1984.308      Code PS
        Obs L1 Fixed      H.pr 0.047      V.pr 0.059

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 22.3
        Horz SD                Vert SD
        Start wk 1557 sec 576608.8 End wk 1557 sec 576614.0

GPSQC2 NM Ttl satellites 6      Err Scale 0.0122164898
        VCV xx 0.0001339327    VCV xy 0.0000576065
        VCV xz -0.000141563    VCV yy 0.0002243763
        VCV yz -0.0001136156    VCV zz 0.0005107203

GPSVEC TP Point ID 46316      DX -7553.287      DY 1828.063
        Class Normal      DZ -2000.886      Code PS
        Obs L1 Fixed      H.pr 0.047      V.pr 0.059

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 20.7
        Horz SD                Vert SD
        Start wk 1557 sec 576631.2 End wk 1557 sec 576636.2

GPSQC2 NM Ttl satellites 6      Err Scale 0.0123490961
        VCV xx 0.0001365718    VCV xy 0.00005844
        VCV xz -0.0001437858    VCV yy 0.0002285365
        VCV yz -0.0001139612    VCV zz 0.0005216876

GPSVEC TP Point ID 46317      DX -7566.141      DY 1820.719
        Class Normal      DZ -2017.713      Code PS
        Obs L1 Fixed      H.pr 0.047      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 7        VDOP max 1.5
        Monitor status Not monitored RMS 23.0
        Horz SD                Vert SD
        Start wk 1557 sec 576649.4 End wk 1557 sec 576655.2

GPSQC2 NM Ttl satellites 6      Err Scale 0.0123971151
        VCV xx 0.0001373052    VCV xy 0.0000584521
        VCV xz -0.0001447381    VCV yy 0.0002290231
        VCV yz -0.0001131421    VCV zz 0.0005264027

GPSVEC TP Point ID 46318      DX -7576.369      DY 1810.815
        Class Normal      DZ -2035.162      Code R-?-PS
        Obs L1 Fixed      H.pr 0.048      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 5        VDOP max 1.5
        Monitor status Not monitored RMS 21.2
        Horz SD                Vert SD
        Start wk 1557 sec 576685.4 End wk 1557 sec 576690.6

GPSQC2 NM Ttl satellites 6      Err Scale 0.0125275515
        VCV xx 0.0001393926    VCV xy 0.0000587495
        VCV xz -0.0001481358    VCV yy 0.000230335
        VCV yz -0.0001122046    VCV zz 0.0005399415

NOTE NM Modified 8:11:56 AM 11/14/2009

NOTE NM Old values R-144-PS

GPSVEC TP Point ID 46319      DX -7576.511      DY 1810.534
        Class Normal      DZ -2035.617      Code R-?-PS
        Obs L1 Fixed      H.pr 0.048      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 21.2
        Horz SD                Vert SD
        Start wk 1557 sec 576695.6 End wk 1557 sec 576700.6

GPSQC2 NM Ttl satellites 6      Err Scale 0.0125452233
        VCV xx 0.0001395069    VCV xy 0.0000586992
        VCV xz -0.0001486196    VCV yy 0.0002299658
        VCV yz -0.0001115818    VCV zz 0.0005422328

NOTE NM Modified 8:12:04 AM 11/14/2009

NOTE NM Old values R-144-PS

GPSVEC TP Point ID 46320      DX -7574.005      DY 1808.276
        Class Normal      DZ -2035.123      Code R-?-PS
        Obs L1 Fixed      H.pr 0.048      V.pr 0.060

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 21.2
        Horz SD                Vert SD
        Start wk 1557 sec 576708.6 End wk 1557 sec 576713.6

GPSQC2 NM Ttl satellites 6      Err Scale 0.0125723006
        VCV xx 0.0001397422    VCV xy 0.0000586125
        VCV xz -0.0001495184    VCV yy 0.0002294389
        VCV yz -0.0001108646    VCV zz 0.0005457244
    
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NOTE NM Modified 8:12:13 AM 11/14/2009

NOTE NM Old values R-144-PS

GPSVEC TP Point ID 46321 DX -7578.970 DY 1798.986  
 Class Normal DZ -2049.276 Code DS-43\R-161-PS  
 Obs L1 Fixed H.pr 0.049 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.9  
 Relative DOPs Yes HDOP max 1.2  
 Total GPS pos 6 VDOP max 1.5  
 Monitor status Not monitored RMS 23.6  
 Horz SD Vert SD  
 Start wk 1557 sec 576794.6 End wk 1557 sec 576799.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0129682906  
 VCV xx 0.0001458313 VCV xy 0.000059629  
 VCV xz -0.0001627016 VCV yy 0.0002311434  
 VCV yz -0.0001095406 VCV zz 0.0005918484

GPSVEC TP Point ID 46322 DX -7583.660 DY 1801.871  
 Class Normal DZ -2051.363 Code DS-43\R-161-PS  
 Obs L1 Fixed H.pr 0.049 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.9  
 Relative DOPs Yes HDOP max 1.2  
 Total GPS pos 6 VDOP max 1.5  
 Monitor status Not monitored RMS 23.7  
 Horz SD Vert SD  
 Start wk 1557 sec 576809.6 End wk 1557 sec 576814.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0129519356  
 VCV xx 0.0001449643 VCV xy 0.000059023  
 VCV xz -0.0001628962 VCV yy 0.0002284826  
 VCV yz -0.0001079559 VCV zz 0.0005921667

GPSVEC TP Point ID 46323 DX -7582.994 DY 1795.009  
 Class Normal DZ -2058.520 Code PS  
 Obs L1 Fixed H.pr 0.049 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.9  
 Relative DOPs Yes HDOP max 1.2  
 Total GPS pos 8 VDOP max 1.5  
 Monitor status Not monitored RMS 25.6  
 Horz SD Vert SD  
 Start wk 1557 sec 576832.0 End wk 1557 sec 576839.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0130015602  
 VCV xx 0.0001452243 VCV xy 0.0000587533  
 VCV xz -0.0001651754 VCV yy 0.0002266934  
 VCV yz -0.000106601 VCV zz 0.0005998951

NOTE TS Time Date 11/14/2009 Time 08:15:47

GPSVEC TP Point ID 46324 DX -7569.998 DY 1783.306  
 Class Normal DZ -2056.944 Code DS-42\R-160-PS  
 Obs L1 Fixed H.pr 0.045 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.8  
 Relative DOPs Yes HDOP max 1.1  
 Total GPS pos 6 VDOP max 1.5  
 Monitor status Not monitored RMS 23.9  
 Horz SD Vert SD  
 Start wk 1557 sec 576958.6 End wk 1557 sec 576964.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0130147114  
 VCV xx 0.0001582758 VCV xy 0.0000575079  
 VCV xz -0.0001818319 VCV yy 0.0002174265  
 VCV yz -0.0000901594 VCV zz 0.0005673018

GPSVEC TP Point ID 46325 DX -7574.484 DY 1785.320  
 Class Normal DZ -2060.170 Code DS-42\R-160-PS  
 Obs L1 Fixed H.pr 0.046 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.8  
 Relative DOPs Yes HDOP max 1.1  
 Total GPS pos 7 VDOP max 1.5  
 Monitor status Not monitored RMS 22.0  
 Horz SD Vert SD  
 Start wk 1557 sec 576972.8 End wk 1557 sec 576978.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0130772181  
 VCV xx 0.0001596066 VCV xy 0.0000578703  
 VCV xz -0.0001847734 VCV yy 0.0002178482  
 VCV yz -0.0000903144 VCV zz 0.0005762941

GPSVEC TP Point ID 46326 DX -7580.400 DY 1787.998  
 Class Normal DZ -2064.357 Code PS  
 Obs L1 Fixed H.pr 0.046 V.pr 0.064

GPSQC1 NM Min SVs 6 PDOP max 1.8  
 Relative DOPs Yes HDOP max 1.1  
 Total GPS pos 6 VDOP max 1.5  
 Monitor status Not monitored RMS 22.1  
 Horz SD Vert SD  
 Start wk 1557 sec 577002.0 End wk 1557 sec 577007.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0130842198  
 VCV xx 0.0001606461 VCV xy 0.0000579795  
 VCV xz -0.0001857494 VCV yy 0.000218403  
 VCV yz -0.0000890266 VCV zz 0.0005789487

GPSVEC	TP	Point ID 46327	DX -7577.653	DY 1781.929
		Class Normal	DZ -2069.751	Code PS
		Obs L1 Fixed	H.pr 0.046	V.pr 0.065
GPSQC1	NM	Min SVs 6	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 26.3	
		Horz SD	Vert SD	
		Start wk 1557 sec 577018.2	End wk 1557 sec 577023.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0133288465	
		VCV xx 0.000167512	VCV xy 0.0000609342	
		VCV xz -0.0001921539	VCV yy 0.0002284371	
		VCV yz -0.0000916993	VCV zz 0.0006000731	
GPSVEC	TP	Point ID 46328	DX -7573.802	DY 1775.184
		Class Normal	DZ -2075.562	Code PS
		Obs L1 Fixed	H.pr 0.045	V.pr 0.064
GPSQC1	NM	Min SVs 6	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 25.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 577033.4	End wk 1557 sec 577038.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0129990382	
		VCV xx 0.000159635	VCV xy 0.0000573949	
		VCV xz -0.0001837481	VCV yy 0.0002167145	
		VCV yz -0.0000864671	VCV zz 0.0005730101	
GPSVEC	TP	Point ID 46329	DX -7569.407	DY 1769.410
		Class Normal	DZ -2080.422	Code PS
		Obs L1 Fixed	H.pr 0.045	V.pr 0.064
GPSQC1	NM	Min SVs 6	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 5	VDOP max 1.5	
		Monitor status Not monitored	RMS 25.4	
		Horz SD	Vert SD	
		Start wk 1557 sec 577047.8	End wk 1557 sec 577053.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0129330475	
		VCV xx 0.0001584705	VCV xy 0.0000569369	
		VCV xz -0.0001820111	VCV yy 0.000215126	
		VCV yz -0.0000849908	VCV zz 0.0005680345	
GPSVEC	TP	Point ID 46330	DX -7563.404	DY 1763.029
		Class Normal	DZ -2085.261	Code PS
		Obs L1 Fixed	H.pr 0.045	V.pr 0.064
GPSQC1	NM	Min SVs 6	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 23.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 577063.8	End wk 1557 sec 577068.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0129116997	
		VCV xx 0.0001584476	VCV xy 0.0000569193	
		VCV xz -0.0001813986	VCV yy 0.0002151952	
		VCV yz -0.0000841015	VCV zz 0.000566649	
GPSVEC	TP	Point ID 46331	DX -7555.617	DY 1758.066
		Class Normal	DZ -2085.967	Code PS
		Obs L1 Fixed	H.pr 0.045	V.pr 0.064
GPSQC1	NM	Min SVs 6	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 23.9	
		Horz SD	Vert SD	
		Start wk 1557 sec 577089.8	End wk 1557 sec 577094.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0128782485	
		VCV xx 0.00015855	VCV xy 0.00005693	
		VCV xz -0.00018033	VCV yy 0.0002156126	
		VCV yz -0.0000826842	VCV zz 0.0005642014	
GPSVEC	TP	Point ID 46332	DX -7547.138	DY 1753.452
		Class Normal	DZ -2086.296	Code PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.063
GPSQC1	NM	Min SVs 6	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.1	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 23.3	
		Horz SD	Vert SD	
		Start wk 1557 sec 577122.8	End wk 1557 sec 577127.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0127747338	
		VCV xx 0.0001572794	VCV xy 0.000056411	
		VCV xz -0.0001771429	VCV yy 0.0002144382	
		VCV yz -0.0000801367	VCV zz 0.0005554546	
GPSVEC	TP	Point ID 46333	DX -7538.576	DY 1749.514
		Class Normal	DZ -2086.033	Code PS
		Obs L1 Fixed	H.pr 0.044	V.pr 0.063

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GPSQC1 NM Min SVs 6 PDOP max 1.8
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 24.9
Horz SD Vert SD
Start wk 1557 sec 577145.0 End wk 1557 sec 577150.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0126807643
VCV xx 0.0001558517 VCV xy 0.0000559384
VCV xz -0.0001742182 VCV yy 0.0002130436
VCV yz -0.0000782502 VCV zz 0.0005472135

GPSVEC TP Point ID 46334 DX -7522.490 DY 1743.512
Class Normal DZ -2083.524 Code PS
Obs L1 Fixed H.pr 0.044 V.pr 0.063

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 21.3
Horz SD Vert SD
Start wk 1557 sec 577163.2 End wk 1557 sec 577168.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0126145482
VCV xx 0.0001549617 VCV xy 0.0000556792
VCV xz -0.000172087 VCV yy 0.0002123448
VCV yz -0.0000768949 VCV zz 0.0005413111

GPSVEC TP Point ID 46335 DX -7501.560 DY 1736.002
Class Normal DZ -2080.420 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 26.1
Horz SD Vert SD
Start wk 1557 sec 577196.4 End wk 1557 sec 577201.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0124952486
VCV xx 0.0001535403 VCV xy 0.0000552804
VCV xz -0.0001681896 VCV yy 0.0002114086
VCV yz -0.000074492 VCV zz 0.0005304892

GPSVEC TP Point ID 46336 DX -7480.633 DY 1728.422
Class Normal DZ -2077.118 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 24.4
Horz SD Vert SD
Start wk 1557 sec 577213.4 End wk 1557 sec 577218.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0123940753
VCV xx 0.0001517644 VCV xy 0.0000547105
VCV xz -0.0001651485 VCV yy 0.0002094954
VCV yz -0.0000728612 VCV zz 0.0005216172

GPSVEC TP Point ID 46337 DX -7459.735 DY 1721.012
Class Normal DZ -2073.881 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.1
Total GPS pos 7 VDOP max 1.5
Monitor status Not monitored RMS 22.6
Horz SD Vert SD
Start wk 1557 sec 577230.8 End wk 1557 sec 577236.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0123069016
VCV xx 0.0001504115 VCV xy 0.0000543408
VCV xz -0.0001624259 VCV yy 0.0002082491
VCV yz -0.0000714181 VCV zz 0.0005138075

GPSVEC TP Point ID 46338 DX -7438.759 DY 1713.838
Class Normal DZ -2070.293 Code PS
Obs L1 Fixed H.pr 0.043 V.pr 0.062

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 22.4
Horz SD Vert SD
Start wk 1557 sec 577249.6 End wk 1557 sec 577254.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0122538786
VCV xx 0.0001499457 VCV xy 0.0000543288
VCV xz -0.0001605562 VCV yy 0.0002082757
VCV yz -0.0000704096 VCV zz 0.0005086984

GPSVEC TP Point ID 46339 DX -7417.982 DY 1706.525
Class Normal DZ -2066.381 Code PS
Obs L1 Fixed H.pr 0.042 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 1.9
Relative DOPs Yes HDOP max 1.1
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.5
Horz SD Vert SD
Start wk 1557 sec 577266.8 End wk 1557 sec 577271.8

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0121597145
          VCV xx 0.0001483825 VCV xy 0.0000539001
          VCV xz -0.0001576657 VCV yy 0.000206714
          VCV yz -0.0000689813 VCV zz 0.0005002628

GPSVEC TP Point ID 46340 DX -7397.048 DY 1699.027
          Class Normal DZ -2063.016 Code PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.061

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 23.8
          Horz SD Vert SD
          Start wk 1557 sec 577283.8 End wk 1557 sec 577288.8

GPSQC2 NM Ttl satellites 6 Err Scale 0.01207068
          VCV xx 0.0001469923 VCV xy 0.0000535424
          VCV xz -0.0001549633 VCV yy 0.0002053907
          VCV yz -0.0000676665 VCV zz 0.0004923962

GPSVEC TP Point ID 46341 DX -7376.018 DY 1691.732
          Class Normal DZ -2058.942 Code PS
          Obs L1 Fixed H.pr 0.042 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 23.7
          Horz SD Vert SD
          Start wk 1557 sec 577301.2 End wk 1557 sec 577307.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0119602168
          VCV xx 0.0001450843 VCV xy 0.0000529849
          VCV xz -0.0001517319 VCV yy 0.0002033361
          VCV yz -0.0000661213 VCV zz 0.0004828356

GPSVEC TP Point ID 46342 DX -7313.084 DY 1668.737
          Class Normal DZ -2051.627 Code PS
          Obs L1 Fixed H.pr 0.041 V.pr 0.060

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 20.3
          Horz SD Vert SD
          Start wk 1557 sec 577348.4 End wk 1557 sec 577354.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0118232425
          VCV xx 0.0001439757 VCV xy 0.0000530339
          VCV xz -0.0001469849 VCV yy 0.0002034706
          VCV yz -0.0000638843 VCV zz 0.0004695516

GPSVEC TP Point ID 46343 DX -7292.321 DY 1661.479
          Class Normal DZ -2048.253 Code PS
          Obs L1 Fixed H.pr 0.041 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.8
          Horz SD Vert SD
          Start wk 1557 sec 577367.4 End wk 1557 sec 577372.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0116989734
          VCV xx 0.0001417987 VCV xy 0.0000524266
          VCV xz -0.0001434768 VCV yy 0.000201059
          VCV yz -0.00006232 VCV zz 0.0004590479

GPSVEC TP Point ID 46344 DX -7271.387 DY 1653.785
          Class Normal DZ -2045.759 Code PS
          Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 23.0
          Horz SD Vert SD
          Start wk 1557 sec 577387.4 End wk 1557 sec 577392.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0116029223
          VCV xx 0.0001403863 VCV xy 0.0000521467
          VCV xz -0.0001406025 VCV yy 0.0001997833
          VCV yz -0.0000610887 VCV zz 0.0004505829

GPSVEC TP Point ID 46345 DX -7250.574 DY 1646.426
          Class Normal DZ -2042.267 Code PS
          Obs L1 Fixed H.pr 0.040 V.pr 0.059

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 19.4
          Horz SD Vert SD
          Start wk 1557 sec 577406.4 End wk 1557 sec 577411.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0115159759
          VCV xx 0.0001391344 VCV xy 0.0000519244
          VCV xz -0.0001379829 VCV yy 0.0001986885
          VCV yz -0.0000599963 VCV zz 0.0004428614
    
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GPSVEC	TP	Point ID 46346	DX	-7229.676	DY	1638.745
		Class Normal	DZ	-2039.493	Code	PS
		Obs L1 Fixed	H.pr	0.040	V.pr	0.058
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.6		
		Monitor status Not monitored	RMS	19.2		
		Horz SD	Vert SD			
		Start wk 1557 sec 577424.6	End wk 1557 sec 577429.6			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0114554288		
		VCV xx 0.000138533	VCV xy	0.0000519705		
		VCV xz -0.0001360156	VCV yy	0.0001985096		
		VCV yz -0.0000592404	VCV zz	0.0004371747		
GPSVEC	TP	Point ID 46347	DX	-7208.718	DY	1631.177
		Class Normal	DZ	-2036.697	Code	PS
		Obs L1 Fixed	H.pr	0.040	V.pr	0.058
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.6		
		Monitor status Not monitored	RMS	22.6		
		Horz SD	Vert SD			
		Start wk 1557 sec 577442.6	End wk 1557 sec 577447.6			
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0113961846		
		VCV xx 0.0001379406	VCV xy	0.0000519943		
		VCV xz -0.0001341204	VCV yy	0.0001983025		
		VCV yz -0.0000585071	VCV zz	0.0004316896		
GPSVEC	TP	Point ID 46348	DX	-7187.744	DY	1623.697
		Class Normal	DZ	-2033.504	Code	PS
		Obs L1 Fixed	H.pr	0.040	V.pr	0.056
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.1		
		Total GPS pos 6	VDOP max	1.6		
		Monitor status Not monitored	RMS	22.5		
		Horz SD	Vert SD			
		Start wk 1557 sec 577459.6	End wk 1557 sec 577464.6			
GPSQC2	NM	Ttl satellites 7	Err Scale	0.0123742893		
		VCV xx 0.0001370468	VCV xy	0.0000512112		
		VCV xz -0.000132123	VCV yy	0.0001741721		
		VCV yz -0.0000603389	VCV zz	0.0004252712		
GPSVEC	TP	Point ID 46349	DX	-7166.914	DY	1615.956
		Class Normal	DZ	-2030.737	Code	PS
		Obs L1 Fixed	H.pr	0.040	V.pr	0.056
GPSQC1	NM	Min SVs 7	PDOP max	1.7		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 6	VDOP max	1.4		
		Monitor status Not monitored	RMS	24.2		
		Horz SD	Vert SD			
		Start wk 1557 sec 577478.6	End wk 1557 sec 577483.6			
GPSQC2	NM	Ttl satellites 7	Err Scale	0.0122549841		
		VCV xx 0.0001353538	VCV xy	0.0000508161		
		VCV xz -0.0001292148	VCV yy	0.0001725641		
		VCV yz -0.0000592057	VCV zz	0.000416481		
GPSVEC	TP	Point ID 46350	DX	-7145.955	DY	1608.040
		Class Normal	DZ	-2028.423	Code	PS
		Obs L1 Fixed	H.pr	0.039	V.pr	0.056
GPSQC1	NM	Min SVs 7	PDOP max	1.7		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 6	VDOP max	1.4		
		Monitor status Not monitored	RMS	20.5		
		Horz SD	Vert SD			
		Start wk 1557 sec 577502.8	End wk 1557 sec 577507.8			
GPSQC2	NM	Ttl satellites 7	Err Scale	0.0121509423		
		VCV xx 0.0001343666	VCV xy	0.0000508136		
		VCV xz -0.0001265449	VCV yy	0.0001719216		
		VCV yz -0.0000583362	VCV zz	0.0004085563		
GPSVEC	TP	Point ID 46351	DX	-7125.053	DY	1600.277
		Class Normal	DZ	-2026.135	Code	PS
		Obs L1 Fixed	H.pr	0.039	V.pr	0.055
GPSQC1	NM	Min SVs 7	PDOP max	1.7		
		Relative DOPs Yes	HDOP max	1.0		
		Total GPS pos 6	VDOP max	1.4		
		Monitor status Not monitored	RMS	22.1		
		Horz SD	Vert SD			
		Start wk 1557 sec 577520.0	End wk 1557 sec 577525.0			
GPSQC2	NM	Ttl satellites 7	Err Scale	0.012050081		
		VCV xx 0.0001330684	VCV xy	0.0000505775		
		VCV xz -0.0001241631	VCV yy	0.0001706304		
		VCV yz -0.0000574955	VCV zz	0.0004013263		
GPSVEC	TP	Point ID 46352	DX	-7104.057	DY	1592.564
		Class Normal	DZ	-2023.580	Code	PS
		Obs L1 Fixed	H.pr	0.039	V.pr	0.055

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GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.4
Monitor status Not monitored RMS 20.1
Horz SD Vert SD
Start wk 1557 sec 577537.2 End wk 1557 sec 577543.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0119612115
VCV xx 0.0001320799 VCV xy 0.0000504734
VCV xz -0.0001220169 VCV yy 0.000169706
VCV yz -0.0000567941 VCV zz 0.000394858

GPSVEC TP Point ID 46353 DX -7083.205 DY 1584.885
Class Normal DZ -2021.023 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 20.0
Horz SD Vert SD
Start wk 1557 sec 577557.0 End wk 1557 sec 577562.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0119014187
VCV xx 0.000131792 VCV xy 0.0000506778
VCV xz -0.0001204472 VCV yy 0.0001696581
VCV yz -0.0000564248 VCV zz 0.0003902157

GPSVEC TP Point ID 46354 DX -7062.187 DY 1577.334
Class Normal DZ -2017.942 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 22.0
Horz SD Vert SD
Start wk 1557 sec 577587.2 End wk 1557 sec 577592.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0117613273
VCV xx 0.0001303806 VCV xy 0.0000505688
VCV xz -0.0001171146 VCV yy 0.0001682494
VCV yz -0.000055397 VCV zz 0.0003801827

GPSVEC TP Point ID 46355 DX -7041.297 DY 1569.913
Class Normal DZ -2014.716 Code PS
Obs L1 Fixed H.pr 0.038 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 23.5
Horz SD Vert SD
Start wk 1557 sec 577606.2 End wk 1557 sec 577611.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0116707003
VCV xx 0.0001293925 VCV xy 0.0000504915
VCV xz -0.0001149868 VCV yy 0.0001672213
VCV yz -0.0000547657 VCV zz 0.0003736966

GPSVEC TP Point ID 46356 DX -7020.348 DY 1561.900
Class Normal DZ -2012.976 Code PS
Obs L1 Fixed H.pr 0.037 V.pr 0.054

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 19.5
Horz SD Vert SD
Start wk 1557 sec 577625.4 End wk 1557 sec 577630.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0115483534
VCV xx 0.0001277384 VCV xy 0.0000501431
VCV xz -0.0001122938 VCV yy 0.0001653102
VCV yz -0.0000538564 VCV zz 0.0003653785

GPSVEC TP Point ID 46357 DX -6999.545 DY 1553.856
Class Normal DZ -2010.608 Code PS
Obs L1 Fixed H.pr 0.037 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 19.3
Horz SD Vert SD
Start wk 1557 sec 577642.6 End wk 1557 sec 577648.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0114534087
VCV xx 0.000126621 VCV xy 0.0000500012
VCV xz -0.000110172 VCV yy 0.0001640575
VCV yz -0.0000532222 VCV zz 0.0003588319

GPSVEC TP Point ID 46358 DX -6978.807 DY 1546.091
Class Normal DZ -2007.536 Code PS
Obs L1 Fixed H.pr 0.037 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 22.7
Horz SD Vert SD
Start wk 1557 sec 577659.4 End wk 1557 sec 577664.4

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0114039676
          VCV xx 0.0001264399 VCV xy 0.0000502266
          VCV xz -0.0001089503 VCV yy 0.0001639889
          VCV yz -0.0000530239 VCV zz 0.0003551365

GPSVEC TP Point ID 46359 DX -6957.715 DY 1549.855
          Class Normal DZ -1972.704 Code TOP-PS
          Obs L1 Fixed H.pr 0.036 V.pr 0.053

GPSQC1 NM Min SVs 7 PDOP max 1.7
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 7 VDOP max 1.4
          Monitor status Not monitored RMS 20.6
          Horz SD Vert SD
          Start wk 1557 sec 577709.0 End wk 1557 sec 577714.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0112127755
          VCV xx 0.0001249686 VCV xy 0.0000504325
          VCV xz -0.0001045458 VCV yy 0.0001624356
          VCV yz -0.000052004 VCV zz 0.0003417191

GPSVEC TP Point ID 46360 DX -6978.588 DY 1557.529
          Class Normal DZ -1975.822 Code TOP-PS
          Obs L1 Fixed H.pr 0.036 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.7
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 7 VDOP max 1.4
          Monitor status Not monitored RMS 22.2
          Horz SD Vert SD
          Start wk 1557 sec 577734.2 End wk 1557 sec 577740.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0110945003
          VCV xx 0.0001237024 VCV xy 0.0000503595
          VCV xz -0.000102014 VCV yy 0.000160984
          VCV yz -0.0000513481 VCV zz 0.0003338124

GPSVEC TP Point ID 46361 DX -6999.606 DY 1564.921
          Class Normal DZ -1978.553 Code TOP-PS
          Obs L1 Fixed H.pr 0.035 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.7
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.4
          Monitor status Not monitored RMS 18.8
          Horz SD Vert SD
          Start wk 1557 sec 577775.2 End wk 1557 sec 577780.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0109809944
          VCV xx 0.0001234167 VCV xy 0.0000509782
          VCV xz -0.0000993285 VCV yy 0.0001608482
          VCV yz -0.0000510616 VCV zz 0.0003255535

GPSVEC TP Point ID 46362 DX -7020.445 DY 1572.641
          Class Normal DZ -1981.079 Code TOP-PS
          Obs L1 Fixed H.pr 0.035 V.pr 0.052

GPSQC1 NM Min SVs 7 PDOP max 1.7
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.4
          Monitor status Not monitored RMS 22.1
          Horz SD Vert SD
          Start wk 1557 sec 577800.2 End wk 1557 sec 577805.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0109082554
          VCV xx 0.0001231304 VCV xy 0.0000513226
          VCV xz -0.0000976509 VCV yy 0.0001606227
          VCV yz -0.0000508692 VCV zz 0.0003203416

GPSVEC TP Point ID 46363 DX -7041.360 DY 1580.234
          Class Normal DZ -1984.391 Code TOP-PS
          Obs L1 Fixed H.pr 0.035 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.6
          Horz SD Vert SD
          Start wk 1557 sec 577827.4 End wk 1557 sec 577832.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0108120283
          VCV xx 0.0001225159 VCV xy 0.0000515882
          VCV xz -0.0000955633 VCV yy 0.0001599625
          VCV yz -0.0000505518 VCV zz 0.0003137821

GPSVEC TP Point ID 46364 DX -7062.257 DY 1587.601
          Class Normal DZ -1987.588 Code PS
          Obs L1 Fixed H.pr 0.034 V.pr 0.051

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 19.7
          Horz SD Vert SD
          Start wk 1557 sec 577872.4 End wk 1557 sec 577877.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0107099274
          VCV xx 0.0001226296 VCV xy 0.0000524526
          VCV xz -0.000093143 VCV yy 0.0001602874
          VCV yz -0.0000505088 VCV zz 0.0003062922
    
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GPSVEC	TP	Point ID 46365	DX -7062.161	DY 1588.709
		Class Normal	DZ -1985.594	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 21.3	
		Horz SD	Vert SD	
		Start wk 1557 sec 577890.6	End wk 1557 sec 577895.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0106723215	
		VCV xx 0.0001228184	VCV xy 0.0000529524	
		VCV xz -0.0000922647	VCV yy 0.0001606368	
		VCV yz -0.000050631	VCV zz 0.0003034135	
GPSVEC	TP	Point ID 46366	DX -7083.117	DY 1596.358
		Class Normal	DZ -1987.958	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 19.5	
		Horz SD	Vert SD	
		Start wk 1557 sec 577915.6	End wk 1557 sec 577920.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0105872769	
		VCV xx 0.0001221491	VCV xy 0.0000530936	
		VCV xz -0.0000904826	VCV yy 0.0001598436	
		VCV yz -0.0000503194	VCV zz 0.0002977912	
GPSVEC	TP	Point ID 46367	DX -7104.043	DY 1604.775
		Class Normal	DZ -1988.028	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 17.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 577947.8	End wk 1557 sec 577952.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0105317449	
		VCV xx 0.0001226591	VCV xy 0.0000539778	
		VCV xz -0.000089119	VCV yy 0.0001606026	
		VCV yz -0.0000505705	VCV zz 0.0002934087	
GPSVEC	TP	Point ID 46368	DX -7125.126	DY 1612.432
		Class Normal	DZ -1990.217	Code TOP-PS
		Obs L1 Fixed	H.pr 0.034	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 19.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 577974.8	End wk 1557 sec 577979.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0104671344	
		VCV xx 0.0001226445	VCV xy 0.0000545463	
		VCV xz -0.000087709	VCV yy 0.0001606683	
		VCV yz -0.0000506338	VCV zz 0.0002887714	
GPSVEC	TP	Point ID 46369	DX -7145.956	DY 1620.762
		Class Normal	DZ -1991.450	Code TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 20.9	
		Horz SD	Vert SD	
		Start wk 1557 sec 577998.0	End wk 1557 sec 578003.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.010413724	
		VCV xx 0.000122643	VCV xy 0.0000549926	
		VCV xz -0.0000865646	VCV yy 0.0001607194	
		VCV yz -0.0000506647	VCV zz 0.000285074	
GPSVEC	TP	Point ID 46370	DX -7166.847	DY 1629.167
		Class Normal	DZ -1992.086	Code TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.5	
		Monitor status Not monitored	RMS 19.3	
		Horz SD	Vert SD	
		Start wk 1557 sec 578040.2	End wk 1557 sec 578045.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.010344822	
		VCV xx 0.0001233326	VCV xy 0.0000561647	
		VCV xz -0.0000849246	VCV yy 0.0001616772	
		VCV yz -0.0000510515	VCV zz 0.0002796938	
GPSVEC	TP	Point ID 46371	DX -7187.712	DY 1637.431
		Class Normal	DZ -1993.728	Code TOP-PS
		Obs L1 Fixed	H.pr 0.033	V.pr 0.050

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GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 17.4
Horz SD Vert SD
Start wk 1557 sec 578072.6 End wk 1557 sec 578078.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0102524469
VCV xx 0.0001229503 VCV xy 0.000056693
VCV xz -0.0000830611 VCV yy 0.0001612323
VCV yz -0.00005101 VCV zz 0.0002734787

GPSVEC TP Point ID 46372 DX -7208.750 DY 1645.189
Class Normal DZ -1995.911 Code TOP-PS
Obs L1 Fixed H.pr 0.033 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 5 VDOP max 1.5
Monitor status Not monitored RMS 20.5
Horz SD Vert SD
Start wk 1557 sec 578104.4 End wk 1557 sec 578109.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.010174688
VCV xx 0.0001227448 VCV xy 0.000057257
VCV xz -0.0000814645 VCV yy 0.0001609948
VCV yz -0.0000510479 VCV zz 0.0002681015

GPSVEC TP Point ID 46373 DX -7229.772 DY 1652.673
Class Normal DZ -1998.755 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 5 VDOP max 1.5
Monitor status Not monitored RMS 20.3
Horz SD Vert SD
Start wk 1557 sec 578137.6 End wk 1557 sec 578142.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101172738
VCV xx 0.0001231905 VCV xy 0.0000581853
VCV xz -0.0000802106 VCV yy 0.0001615826
VCV yz -0.0000513852 VCV zz 0.0002637786

GPSVEC TP Point ID 46374 DX -7250.624 DY 1660.275
Class Normal DZ -2001.652 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.2
Horz SD Vert SD
Start wk 1557 sec 578176.8 End wk 1557 sec 578181.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100920163
VCV xx 0.000124731 VCV xy 0.0000598046
VCV xz -0.0000793976 VCV yy 0.0001635852
VCV yz -0.0000522496 VCV zz 0.0002607455

GPSVEC TP Point ID 46375 DX -7271.569 DY 1667.976
Class Normal DZ -2003.962 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1557 sec 578204.0 End wk 1557 sec 578209.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0100137368
VCV xx 0.000124236 VCV xy 0.000060154
VCV xz -0.0000779529 VCV yy 0.0001629506
VCV yz -0.0000521957 VCV zz 0.0002557409

GPSVEC TP Point ID 46376 DX -7292.374 DY 1675.558
Class Normal DZ -2006.972 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 16.5
Horz SD Vert SD
Start wk 1557 sec 578233.4 End wk 1557 sec 578238.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0099657523
VCV xx 0.0001246441 VCV xy 0.0000610232
VCV xz -0.0000769492 VCV yy 0.0001634808
VCV yz -0.0000525523 VCV zz 0.0002521011

GPSVEC TP Point ID 46377 DX -7313.312 DY 1683.170
Class Normal DZ -2010.010 Code TOP-PS
Obs L1 Fixed H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 19.9
Horz SD Vert SD
Start wk 1557 sec 578264.6 End wk 1557 sec 578269.8

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0099112624
          VCV xx 0.0001249282 VCV xy 0.0000618611
          VCV xz -0.0000758256 VCV yy 0.0001638242
          VCV yz -0.0000528653 VCV zz 0.0002480374

GPSVEC TP Point ID 46378 DX -7334.305 DY 1691.001
          Class Normal DZ -2012.131 Code TOP-PS
          Obs L1 Fixed H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 19.8
          Horz SD Vert SD
          Start wk 1557 sec 578291.0 End wk 1557 sec 578296.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0098583652
          VCV xx 0.0001249478 VCV xy 0.0000624367
          VCV xz -0.000074809 VCV yy 0.0001638298
          VCV yz -0.0000530282 VCV zz 0.0002443961

GPSVEC TP Point ID 46379 DX -7355.102 DY 1699.262
          Class Normal DZ -2014.409 Code TOP-PS
          Obs L1 Fixed H.pr 0.032 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 16.2
          Horz SD Vert SD
          Start wk 1557 sec 578323.2 End wk 1557 sec 578328.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0098638861
          VCV xx 0.0001268598 VCV xy 0.0000642088
          VCV xz -0.0000746704 VCV yy 0.0001662886
          VCV yz -0.0000541512 VCV zz 0.0002431977

GPSVEC TP Point ID 46380 DX -7376.138 DY 1706.586
          Class Normal DZ -2017.770 Code TOP-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 20.0
          Horz SD Vert SD
          Start wk 1557 sec 578354.2 End wk 1557 sec 578359.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0097802226
          VCV xx 0.0001263273 VCV xy 0.0000646084
          VCV xz -0.0000731729 VCV yy 0.0001655498
          VCV yz -0.0000540993 VCV zz 0.0002379275

GPSVEC TP Point ID 46381 DX -7397.102 DY 1714.107
          Class Normal DZ -2020.253 Code TOP-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 19.9
          Horz SD Vert SD
          Start wk 1557 sec 578382.4 End wk 1557 sec 578387.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0097397249
          VCV xx 0.0001267699 VCV xy 0.0000655045
          VCV xz -0.0000723673 VCV yy 0.0001660821
          VCV yz -0.000054513 VCV zz 0.0002347468

GPSVEC TP Point ID 46382 DX -7418.095 DY 1721.701
          Class Normal DZ -2023.181 Code TOP-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 16.0
          Horz SD Vert SD
          Start wk 1557 sec 578411.4 End wk 1557 sec 578416.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0096665779
          VCV xx 0.000126363 VCV xy 0.0000659243
          VCV xz -0.0000710721 VCV yy 0.0001654958
          VCV yz -0.0000545075 VCV zz 0.0002301235

GPSVEC TP Point ID 46383 DX -7438.989 DY 1729.458
          Class Normal DZ -2025.294 Code TOP-PS
          Obs L1 Fixed H.pr 0.031 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.8
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 19.8
          Horz SD Vert SD
          Start wk 1557 sec 578437.8 End wk 1557 sec 578442.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0096650673
          VCV xx 0.0001277009 VCV xy 0.0000672755
          VCV xz -0.0000708988 VCV yy 0.0001671959
          VCV yz -0.0000553341 VCV zz 0.0002288831
    
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GPSVEC	TP	Point ID 46384	DX -7459.815	DY 1737.411
		Class Normal	DZ -2027.487	Code TOP-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 17.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 578471.8	End wk 1557 sec 578477.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096197557	
		VCV xx 0.0001282251	VCV xy 0.0000683336	
		VCV xz -0.0000700267	VCV yy 0.0001678167	
		VCV yz -0.0000558188	VCV zz 0.0002253575	
GPSVEC	TP	Point ID 46385	DX -7480.706	DY 1745.155
		Class Normal	DZ -2029.726	Code TOP-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.5	
		Horz SD	Vert SD	
		Start wk 1557 sec 578499.0	End wk 1557 sec 578504.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0096077928	
		VCV xx 0.000129293	VCV xy 0.0000695918	
		VCV xz -0.0000697065	VCV yy 0.0001691662	
		VCV yz -0.0000565547	VCV zz 0.0002235482	
GPSVEC	TP	Point ID 46386	DX -7501.683	DY 1753.454
		Class Normal	DZ -2030.846	Code TOP-PS
		Obs L1 Fixed	H.pr 0.031	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.8	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 18.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 578529.2	End wk 1557 sec 578534.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0095790643	
		VCV xx 0.0001300425	VCV xy 0.0000707319	
		VCV xz -0.0000691415	VCV yy 0.0001700904	
		VCV yz -0.0000571577	VCV zz 0.0002209208	
GPSVEC	TP	Point ID 46387	DX -7522.798	DY 1760.771
		Class Normal	DZ -2033.124	Code TOP-PS
		Obs L1 Fixed	H.pr 0.030	V.pr 0.050
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 15.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 578606.8	End wk 1557 sec 578611.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.009547119	
		VCV xx 0.0001331855	VCV xy 0.0000744336	
		VCV xz -0.0000682984	VCV yy 0.0001739839	
		VCV yz -0.0000592839	VCV zz 0.0002158869	
GPSVEC	TP	Point ID 46388	DX -7525.532	DY 1761.627
		Class Normal	DZ -2033.725	Code TOP-PS
		Obs L1 Fixed	H.pr 0.030	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 17.4	
		Horz SD	Vert SD	
		Start wk 1557 sec 578629.8	End wk 1557 sec 578635.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0094800973	
		VCV xx 0.0001324226	VCV xy 0.0000745567	
		VCV xz -0.000067269	VCV yy 0.0001729686	
		VCV yz -0.0000591479	VCV zz 0.0002119703	
GPSVEC	TP	Point ID 46389	DX -7527.485	DY 1762.259
		Class Normal	DZ -2034.079	Code TOP-PS
		Obs L1 Fixed	H.pr 0.030	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 19.1	
		Horz SD	Vert SD	
		Start wk 1557 sec 578643.0	End wk 1557 sec 578648.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0094685406	
		VCV xx 0.0001326845	VCV xy 0.0000750633	
		VCV xz -0.0000671096	VCV yy 0.0001733327	
		VCV yz -0.0000594568	VCV zz 0.0002108863	
GPSVEC	TP	Point ID 46390	DX -7530.138	DY 1763.289
		Class Normal	DZ -2034.385	Code TOP-PS
		Obs L1 Fixed	H.pr 0.030	V.pr 0.049

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GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1557 sec 578666.2 End wk 1557 sec 578672.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094301524
VCV xx 0.0001328056 VCV xy 0.0000757751
VCV xz -0.0000664853 VCV yy 0.00017345
VCV yz -0.0000597743 VCV zz 0.0002080424

GPSVEC TP Point ID 46391 DX -7531.401 DY 1763.751
Class Normal DZ -2034.585 Code TOP-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1557 sec 578693.2 End wk 1557 sec 578698.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0094089797
VCV xx 0.000133438 VCV xy 0.0000767776
VCV xz -0.0000661168 VCV yy 0.0001742245
VCV yz -0.0000603144 VCV zz 0.0002060069

GPSVEC TP Point ID 46392 DX -7533.354 DY 1764.956
Class Normal DZ -2034.122 Code TOP-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 5 VDOP max 1.6
Monitor status Not monitored RMS 15.4
Horz SD Vert SD
Start wk 1557 sec 578708.4 End wk 1557 sec 578713.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0093524409
VCV xx 0.0001325709 VCV xy 0.0000766824
VCV xz -0.0000652789 VCV yy 0.0001730955
VCV yz -0.0000600796 VCV zz 0.0002028561

GPSVEC TP Point ID 46393 DX -7534.052 DY 1765.511
Class Normal DZ -2033.818 Code TOP-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 5 VDOP max 1.6
Monitor status Not monitored RMS 18.9
Horz SD Vert SD
Start wk 1557 sec 578726.6 End wk 1557 sec 578732.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0093036322
VCV xx 0.0001320335 VCV xy 0.0000768062
VCV xz -0.0000645561 VCV yy 0.000172383
VCV yz -0.0000599932 VCV zz 0.0002000455

GPSVEC TP Point ID 46394 DX -7533.441 DY 1766.553
Class Normal DZ -2031.890 Code TOP-PS
Obs L1 Fixed H.pr 0.030 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 5 VDOP max 1.6
Monitor status Not monitored RMS 15.3
Horz SD Vert SD
Start wk 1557 sec 578742.6 End wk 1557 sec 578748.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0092784492
VCV xx 0.0001320518 VCV xy 0.0000772545
VCV xz -0.0000642008 VCV yy 0.000172409
VCV yz -0.0000602104 VCV zz 0.0001982442

GPSVEC TP Point ID 46395 DX -7532.919 DY 1766.999
Class Normal DZ -2031.038 Code TOP-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.6
Monitor status Not monitored RMS 18.8
Horz SD Vert SD
Start wk 1557 sec 578754.8 End wk 1557 sec 578760.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0092443721
VCV xx 0.0001316084 VCV xy 0.0000773112
VCV xz -0.0000637289 VCV yy 0.0001718417
VCV yz -0.0000601582 VCV zz 0.0001962849

NOTE TS Time Date 11/14/2009 Time 08:46:17

GPSVEC TP Point ID 46396 DX -7532.223 DY 1767.831
Class Normal DZ -2029.698 Code TOP-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.049
    
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GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.0
		Horz SD		Vert SD	
		Start wk 1557 sec	578788.8	End wk 1557 sec	578793.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0092458483
		VCV xx	0.0001332146	VCV xy	0.0000791271
		VCV xz	-0.0000636545	VCV yy	0.0001738284
		VCV yz	-0.0000612419	VCV zz	0.0001947316
GPSVEC	TP	Point ID 46397		DX -7531.277	DY 1768.460
		Class Normal		DZ -2028.454	Code TOP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.6
		Monitor status	Not monitored	RMS	18.7
		Horz SD		Vert SD	
		Start wk 1557 sec	578806.0	End wk 1557 sec	578812.0
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091933329
		VCV xx	0.0001324667	VCV xy	0.0000791226
		VCV xz	-0.0000629106	VCV yy	0.0001728531
		VCV yz	-0.0000610774	VCV zz	0.0001917977
GPSVEC	TP	Point ID 46398		DX -7530.630	DY 1768.898
		Class Normal		DZ -2027.491	Code TOP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	16.8
		Horz SD		Vert SD	
		Start wk 1557 sec	578823.2	End wk 1557 sec	578828.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091705835
		VCV xx	0.0001325174	VCV xy	0.000079601
		VCV xz	-0.0000626094	VCV yy	0.0001729261
		VCV yz	-0.0000613217	VCV zz	0.000190113
GPSVEC	TP	Point ID 46399		DX -7529.880	DY 1769.363
		Class Normal		DZ -2026.484	Code TOP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	18.9
		Horz SD		Vert SD	
		Start wk 1557 sec	578838.2	End wk 1557 sec	578843.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091455244
		VCV xx	0.0001324543	VCV xy	0.0000799582
		VCV xz	-0.0000622701	VCV yy	0.0001728424
		VCV yz	-0.0000614707	VCV zz	0.0001884353
GPSVEC	TP	Point ID 46400		DX -7527.941	DY 1770.679
		Class Normal		DZ -2023.857	Code TOP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.1
		Horz SD		Vert SD	
		Start wk 1557 sec	578854.2	End wk 1557 sec	578859.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091257961
		VCV xx	0.0001325715	VCV xy	0.000080449
		VCV xz	-0.000061994	VCV yy	0.0001729874
		VCV yz	-0.0000617104	VCV zz	0.0001869101
GPSVEC	TP	Point ID 46401		DX -7516.140	DY 1779.220
		Class Normal		DZ -2006.988	Code TOP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	17.1
		Horz SD		Vert SD	
		Start wk 1557 sec	578886.4	End wk 1557 sec	578891.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0091255717
		VCV xx	0.00013403	VCV xy	0.0000821891
		VCV xz	-0.0000619288	VCV yy	0.0001748066
		VCV yz	-0.0000627209	VCV zz	0.0001853538
GPSVEC	TP	Point ID 46402		DX -7503.636	DY 1787.670
		Class Normal		DZ -1990.236	Code TOP-PS
		Obs L1 Fixed		H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	15.0
		Horz SD		Vert SD	
		Start wk 1557 sec	578908.4	End wk 1557 sec	578913.4

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0090931943
          VCV xx 0.0001339923 VCV xy 0.0000827156
          VCV xz -0.0000614604 VCV yy 0.0001747398
          VCV yz -0.0000629155 VCV zz 0.0001830842

GPSVEC TP Point ID 46403 DX -7498.940 DY 1783.582
          Class Normal DZ -1992.228 Code DS-45\R-163-PS
          Obs L1 Fixed H.pr 0.029 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 14.9
          Horz SD Vert SD
          Start wk 1557 sec 578931.8 End wk 1557 sec 578936.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090917563
          VCV xx 0.0001349188 VCV xy 0.0000839296
          VCV xz -0.0000614387 VCV yy 0.0001759393
          VCV yz -0.0000636408 VCV zz 0.0001819047

GPSVEC TP Point ID 46404 DX -7494.966 DY 1780.441
          Class Normal DZ -1993.768 Code DS-45\R-163-PS
          Obs L1 Fixed H.pr 0.029 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 14.9
          Horz SD Vert SD
          Start wk 1557 sec 578944.8 End wk 1557 sec 578949.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090607638
          VCV xx 0.0001345169 VCV xy 0.0000840341
          VCV xz -0.0000610494 VCV yy 0.0001754503
          VCV yz -0.0000636253 VCV zz 0.0001801256

GPSVEC TP Point ID 46405 DX -7475.315 DY 1769.668
          Class Normal DZ -1996.242 Code R-169-PS
          Obs L1 Fixed H.pr 0.029 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 16.6
          Horz SD Vert SD
          Start wk 1557 sec 578969.8 End wk 1557 sec 578974.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090489695
          VCV xx 0.0001351759 VCV xy 0.0000851119
          VCV xz -0.0000608802 VCV yy 0.0001763
          VCV yz -0.0000642182 VCV zz 0.0001784871

GPSVEC TP Point ID 46406 DX -7476.125 DY 1768.763
          Class Normal DZ -1997.798 Code R-169-PS
          Obs L1 Fixed H.pr 0.029 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 14.8
          Horz SD Vert SD
          Start wk 1557 sec 578981.0 End wk 1557 sec 578986.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090169823
          VCV xx 0.0001346389 VCV xy 0.0000850779
          VCV xz -0.0000604865 VCV yy 0.000175644
          VCV yz -0.0000641202 VCV zz 0.0001767797

GPSVEC TP Point ID 46407 DX -7481.962 DY 1770.193
          Class Normal DZ -1999.193 Code R-169-PS
          Obs L1 Fixed H.pr 0.029 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 16.5
          Horz SD Vert SD
          Start wk 1557 sec 578993.0 End wk 1557 sec 578998.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090076663
          VCV xx 0.0001348102 VCV xy 0.0000855163
          VCV xz -0.0000603884 VCV yy 0.0001759021
          VCV yz -0.0000643662 VCV zz 0.0001758927

GPSVEC TP Point ID 46408 DX -7482.107 DY 1769.187
          Class Normal DZ -2000.524 Code R-169-PS
          Obs L1 Fixed H.pr 0.029 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.0
          Total GPS pos 6 VDOP max 1.6
          Monitor status Not monitored RMS 18.4
          Horz SD Vert SD
          Start wk 1557 sec 579003.2 End wk 1557 sec 579008.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090048118
          VCV xx 0.0001351045 VCV xy 0.0000860216
          VCV xz -0.0000603936 VCV yy 0.0001763255
          VCV yz -0.0000646936 VCV zz 0.0001752727
    
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GPSVEC	TP	Point ID 46409	DX -7498.148	DY 1767.872
		Class Normal	DZ -2010.789	Code R-165-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.8	
		Horz SD	Vert SD	
		Start wk 1557 sec 579021.4	End wk 1557 sec 579026.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0089768311	
		VCV xx 0.0001350175	VCV xy 0.0000864361	
		VCV xz -0.0000600042	VCV yy 0.0001761884	
		VCV yz -0.0000648209	VCV zz 0.0001733575	
GPSVEC	TP	Point ID 46410	DX -7499.054	DY 1767.046
		Class Normal	DZ -2012.241	Code R-165-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 5	VDOP max 1.6	
		Monitor status Not monitored	RMS 14.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 579032.6	End wk 1557 sec 579037.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0089716883	
		VCV xx 0.0001352781	VCV xy 0.0000869071	
		VCV xz -0.0000599544	VCV yy 0.000176548	
		VCV yz -0.00006509	VCV zz 0.0001726567	
GPSVEC	TP	Point ID 46411	DX -7502.720	DY 1768.438
		Class Normal	DZ -2012.537	Code R-165-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 7	VDOP max 1.6	
		Monitor status Not monitored	RMS 18.5	
		Horz SD	Vert SD	
		Start wk 1557 sec 579044.8	End wk 1557 sec 579050.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0089437645	
		VCV xx 0.0001349027	VCV xy 0.0000869905	
		VCV xz -0.000059864	VCV yy 0.0001760775	
		VCV yz -0.0000650425	VCV zz 0.0001710398	
GPSVEC	TP	Point ID 46412	DX -7502.498	DY 1767.554
		Class Normal	DZ -2013.500	Code R-165-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 14.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 579055.6	End wk 1557 sec 579060.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0089614419	
		VCV xx 0.0001358084	VCV xy 0.0000878843	
		VCV xz -0.0000598665	VCV yy 0.0001773017	
		VCV yz -0.0000656532	VCV zz 0.000171234	
GPSVEC	TP	Point ID 46413	DX -7508.882	DY 1767.080
		Class Normal	DZ -2017.548	Code DS-44\R-162-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 14.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 579077.8	End wk 1557 sec 579082.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0089597972	
		VCV xx 0.0001366142	VCV xy 0.0000889998	
		VCV xz -0.000059845	VCV yy 0.0001783379	
		VCV yz -0.0000662813	VCV zz 0.0001701108	
GPSVEC	TP	Point ID 46414	DX -7513.511	DY 1766.722
		Class Normal	DZ -2020.513	Code DS-44\R-162-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.048
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.6	
		Monitor status Not monitored	RMS 16.5	
		Horz SD	Vert SD	
		Start wk 1557 sec 579093.8	End wk 1557 sec 579098.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.008960044	
		VCV xx 0.0001372151	VCV xy 0.000089833	
		VCV xz -0.0000598672	VCV yy 0.0001791418	
		VCV yz -0.000066767	VCV zz 0.0001693669	
GPSVEC	TP	Point ID 46415	DX -7520.101	DY 1766.247
		Class Normal	DZ -2024.718	Code R-154-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.048



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GPSQC2 NM Ttl satellites 7 Err Scale 0.0088926554
VCV xx 0.0001388623 VCV xy 0.0000940541
VCV xz -0.0000592461 VCV yy 0.0001817205
VCV yz -0.000069056 VCV zz 0.0001617985

GPSVEC TP Point ID 46422 DX -7528.790 DY 1765.692
Class Normal DZ -2030.212 Code R-154-PS
Obs L1 Fixed H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.3
Horz SD Vert SD
Start wk 1557 sec 579216.4 End wk 1557 sec 579221.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0089031411
VCV xx 0.000139539 VCV xy 0.0000948634
VCV xz -0.00005944 VCV yy 0.0001826707
VCV yz -0.0000695877 VCV zz 0.0001616233

GPSVEC TP Point ID 46423 DX -7528.974 DY 1766.042
Class Normal DZ -2029.837 Code R-154-PS
Obs L1 Fixed H.pr 0.028 V.pr 0.048

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 7 VDOP max 1.7
Monitor status Not monitored RMS 16.3
Horz SD Vert SD
Start wk 1557 sec 579226.8 End wk 1557 sec 579232.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0088804392
VCV xx 0.0001391653 VCV xy 0.000094897
VCV xz -0.0000591608 VCV yy 0.0001822293
VCV yz -0.0000695255 VCV zz 0.0001603399

GPSVEC TP Point ID 46424 DX -7530.964 DY 1766.412
Class Normal DZ -2030.563 Code R-154-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 16.4
Horz SD Vert SD
Start wk 1557 sec 579248.8 End wk 1557 sec 579253.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090040704
VCV xx 0.000143785 VCV xy 0.0000986889
VCV xz -0.0000608698 VCV yy 0.0001883319
VCV yz -0.0000721262 VCV zz 0.0001637291

GPSVEC TP Point ID 46425 DX -7531.364 DY 1766.774
Class Normal DZ -2030.396 Code R-154-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 18.2
Horz SD Vert SD
Start wk 1557 sec 579258.8 End wk 1557 sec 579263.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090058139
VCV xx 0.0001441255 VCV xy 0.000099227
VCV xz -0.0000609449 VCV yy 0.0001888635
VCV yz -0.0000724645 VCV zz 0.0001633411

GPSVEC TP Point ID 46426 DX -7531.475 DY 1767.510
Class Normal DZ -2029.548 Code R-154-PS
Obs L1 Fixed H.pr 0.029 V.pr 0.049

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1557 sec 579270.8 End wk 1557 sec 579276.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.008957874
VCV xx 0.000142949 VCV xy 0.0000987748
VCV xz -0.0000603469 VCV yy 0.0001874008
VCV yz -0.0000720556 VCV zz 0.0001610481

GPSVEC TP Point ID 46427 DX -7531.180 DY 1767.764
Class Normal DZ -2029.068 Code R-154-S
Obs L1 Fixed H.pr 0.029 V.pr 0.050

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 14.9
Horz SD Vert SD
Start wk 1557 sec 579284.0 End wk 1557 sec 579289.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0091290688
VCV xx 0.0001488742 VCV xy 0.0001032708
VCV xz -0.0000627293 VCV yy 0.0001952496
VCV yz -0.0000752413 VCV zz 0.0001666321
    
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GPSVEC	TP	Point ID 46428	DX -7529.151	DY 1767.343
		Class Normal	DZ -2028.331	Code R-154-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 18.4	
		Horz SD	Vert SD	
		Start wk 1557 sec 579298.0	End wk 1557 sec 579303.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0090883998	
		VCV xx 0.0001479784	VCV xy 0.0001030781	
		VCV xz -0.0000622217	VCV yy 0.0001941567	
		VCV yz -0.000074996	VCV zz 0.0001644589	
GPSVEC	TP	Point ID 46429	DX -7528.831	DY 1767.433
		Class Normal	DZ -2028.042	Code R-154-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 18.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 579310.0	End wk 1557 sec 579315.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0090711834	
		VCV xx 0.0001477659	VCV xy 0.000103301	
		VCV xz -0.0000620381	VCV yy 0.0001939659	
		VCV yz -0.0000750776	VCV zz 0.0001632569	
GPSVEC	TP	Point ID 46430	DX -7527.684	DY 1767.466
		Class Normal	DZ -2027.370	Code R-154-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.049
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 16.9	
		Horz SD	Vert SD	
		Start wk 1557 sec 579321.0	End wk 1557 sec 579326.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0090840189	
		VCV xx 0.0001484864	VCV xy 0.0001041484	
		VCV xz -0.0000622632	VCV yy 0.0001950021	
		VCV yz -0.0000756242	VCV zz 0.0001631831	
GPSVEC	TP	Point ID 46431	DX -7526.431	DY 1767.490
		Class Normal	DZ -2026.718	Code R-154-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.050
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 17.1	
		Horz SD	Vert SD	
		Start wk 1557 sec 579332.2	End wk 1557 sec 579337.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0091410968	
		VCV xx 0.0001506762	VCV xy 0.0001060333	
		VCV xz -0.000063104	VCV yy 0.0001979695	
		VCV yz -0.0000769218	VCV zz 0.0001647103	
GPSVEC	TP	Point ID 46432	DX -7524.053	DY 1767.454
		Class Normal	DZ -2025.426	Code R-154-PS
		Obs L1 Fixed	H.pr 0.029	V.pr 0.050
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 15.1	
		Horz SD	Vert SD	
		Start wk 1557 sec 579342.2	End wk 1557 sec 579347.2	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0091316439	
		VCV xx 0.0001506362	VCV xy 0.0001063244	
		VCV xz -0.0000630266	VCV yy 0.0001980101	
		VCV yz -0.0000770739	VCV zz 0.0001638876	
GPSVEC	TP	Point ID 46433	DX -7530.298	DY 1765.295
		Class Normal	DZ -2031.659	Code R-170-PS
		Obs L1 Fixed	H.pr 0.030	V.pr 0.051
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 19.0	
		Horz SD	Vert SD	
		Start wk 1557 sec 579424.8	End wk 1557 sec 579429.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0093084928	
		VCV xx 0.0001591321	VCV xy 0.0001150058	
		VCV xz -0.0000656547	VCV yy 0.0002095509	
		VCV yz -0.0000825079	VCV zz 0.0001656517	
GPSVEC	TP	Point ID 46434	DX -7530.609	DY 1765.598
		Class Normal	DZ -2031.473	Code R-170-PS
		Obs L1 Fixed	H.pr 0.030	V.pr 0.051

GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	7	VDOP max	1.7
		Monitor status	Not monitored	RMS	15.6
		Horz SD		Vert SD	
		Start wk 1557 sec	579464.0	End wk 1557 sec	579469.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0094115399
		VCV xx	0.0001637017	VCV xy	0.0001196499
		VCV xz	-0.0000672764	VCV yy	0.000215973
		VCV yz	-0.0000855166	VCV zz	0.0001672181
GPSVEC	TP	Point ID 46435	DX -7532.387	DY	1764.963
		Class Normal	DZ -2033.199	Code	R-170-PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.053
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.8
		Horz SD		Vert SD	
		Start wk 1557 sec	579510.0	End wk 1557 sec	579515.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0096676527
		VCV xx	0.000173874	VCV xy	0.0001287795
		VCV xz	-0.0000712455	VCV yy	0.0002299604
		VCV yz	-0.0000917085	VCV zz	0.0001738325
GPSVEC	TP	Point ID 46436	DX -7532.810	DY	1765.473
		Class Normal	DZ -2032.862	Code	R-170-PS
		Obs L1 Fixed	H.pr 0.031	V.pr	0.054
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	18.5
		Horz SD		Vert SD	
		Start wk 1557 sec	579524.2	End wk 1557 sec	579529.2
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0098230122
		VCV xx	0.0001797954	VCV xy	0.0001337153
		VCV xz	-0.0000736673	VCV yy	0.0002380506
		VCV yz	-0.0000951589	VCV zz	0.000178697
GPSVEC	TP	Point ID 46437	DX -7503.251	DY	1777.673
		Class Normal	DZ -2001.629	Code	P-146
		Obs L1 Fixed	H.pr 0.034	V.pr	0.057
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.6
		Horz SD		Vert SD	
		Start wk 1557 sec	579566.4	End wk 1557 sec	579571.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.010530307
		VCV xx	0.0001974932	VCV xy	0.000148694
		VCV xz	-0.0000807323	VCV yy	0.0002621362
		VCV yz	-0.000105452	VCV zz	0.0001923844
GPSVEC	TP	Point ID 46438	DX -7514.764	DY	1773.003
		Class Normal	DZ -2013.628	Code	P-145
		Obs L1 Fixed	H.pr 0.034	V.pr	0.059
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.7
		Horz SD		Vert SD	
		Start wk 1557 sec	579583.4	End wk 1557 sec	579588.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0107781449
		VCV xx	0.0002022051	VCV xy	0.0001529501
		VCV xz	-0.0000826218	VCV yy	0.0002687104
		VCV yz	-0.0001083458	VCV zz	0.0001955759
GPSVEC	TP	Point ID 46439	DX -7536.356	DY	1777.730
		Class Normal	DZ -2025.293	Code	P-144
		Obs L1 Fixed	H.pr 0.031	V.pr	0.052
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	19.5
		Horz SD		Vert SD	
		Start wk 1557 sec	579604.4	End wk 1557 sec	579609.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0095907534
		VCV xx	0.0001619991	VCV xy	0.0001172486
		VCV xz	-0.0000664287	VCV yy	0.0002259938
		VCV yz	-0.0000913124	VCV zz	0.0001774326
GPSVEC	TP	Point ID 46440	DX -7539.356	DY	1776.326
		Class Normal	DZ -2029.322	Code	P-141
		Obs L1 Fixed	H.pr 0.034	V.pr	0.057
GPSQC1	NM	Min SVs	7	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.0
		Total GPS pos	5	VDOP max	1.7
		Monitor status	Not monitored	RMS	16.7
		Horz SD		Vert SD	
		Start wk 1557 sec	579618.4	End wk 1557 sec	579623.6

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GPSQC2 NM Ttl satellites 7 Err Scale 0.010527323
VCV xx 0.0001817009 VCV xy 0.0001333249
VCV xz -0.000074466 VCV yy 0.0002516201
VCV yz -0.0001019697 VCV zz 0.0001933654

GPSVEC TP Point ID 46441 DX -7540.483 DY 1775.095
Class Normal DZ -2031.536 Code P-140
Obs L1 Fixed H.pr 0.036 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 19.9
Horz SD Vert SD
Start wk 1557 sec 579631.6 End wk 1557 sec 579636.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.01118387
VCV xx 0.0001961007 VCV xy 0.0001454231
VCV xz -0.0000803119 VCV yy 0.000270109
VCV yz -0.0001097103 VCV zz 0.0002039976

GPSVEC TP Point ID 46442 DX -7541.755 DY 1773.757
Class Normal DZ -2033.887 Code P-139
Obs L1 Fixed H.pr 0.033 V.pr 0.056

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 18.9
Horz SD Vert SD
Start wk 1557 sec 579646.8 End wk 1557 sec 579651.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0102983015
VCV xx 0.0001837673 VCV xy 0.0001377974
VCV xz -0.0000752078 VCV yy 0.0002517884
VCV yz -0.0001025205 VCV zz 0.0001866087

GPSVEC TP Point ID 46443 DX -7542.661 DY 1772.041
Class Normal DZ -2036.641 Code P-138
Obs L1 Fixed H.pr 0.033 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 21.8
Horz SD Vert SD
Start wk 1557 sec 579669.0 End wk 1557 sec 579674.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0104592582
VCV xx 0.0001953298 VCV xy 0.0001489905
VCV xz -0.0000805725 VCV yy 0.0002666966
VCV yz -0.0001096705 VCV zz 0.0001928586

GPSVEC TP Point ID 46444 DX -7543.251 DY 1770.412
Class Normal DZ -2039.291 Code P-137
Obs L1 Fixed H.pr 0.032 V.pr 0.055

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 17.8
Horz SD Vert SD
Start wk 1557 sec 579683.2 End wk 1557 sec 579688.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0101240575
VCV xx 0.0001871524 VCV xy 0.0001433506
VCV xz -0.0000764668 VCV yy 0.0002542951
VCV yz -0.0001040952 VCV zz 0.0001813979

GPSVEC TP Point ID 46445 DX -7542.457 DY 1768.518
Class Normal DZ -2041.128 Code P-136
Obs L1 Fixed H.pr 0.035 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1557 sec 579699.2 End wk 1557 sec 579704.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0109959915
VCV xx 0.0002045188 VCV xy 0.0001578639
VCV xz -0.0000835785 VCV yy 0.0002774782
VCV yz -0.0001138425 VCV zz 0.0001952343

GPSVEC TP Point ID 46446 DX -7542.015 DY 1766.870
Class Normal DZ -2043.818 Code P-135
Obs L1 Fixed H.pr 0.034 V.pr 0.057

GPSQC1 NM Min SVs 7 PDOP max 1.9
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 21.7
Horz SD Vert SD
Start wk 1557 sec 579713.4 End wk 1557 sec 579718.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0104677202
VCV xx 0.000196313 VCV xy 0.0001525329
VCV xz -0.0000802975 VCV yy 0.0002661415
VCV yz -0.0001094691 VCV zz 0.000185117

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GPSVEC	TP	Point ID 46447	DX -7540.476	DY 1764.824
		Class Normal	DZ -2046.298	Code P-134
		Obs L1 Fixed	H.pr 0.034	V.pr 0.058
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 19.4	
		Horz SD	Vert SD	
		Start wk 1557 sec 579728.4	End wk 1557 sec 579733.4	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0106128296	
		VCV xx 0.0002027366	VCV xy 0.0001586688	
		VCV xz -0.0000832138	VCV yy 0.0002748876	
		VCV yz -0.0001135844	VCV zz 0.0001890779	
GPSVEC	TP	Point ID 46448	DX -7538.074	DY 1762.739
		Class Normal	DZ -2047.860	Code P-133
		Obs L1 Fixed	H.pr 0.036	V.pr 0.061
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 21.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 579742.4	End wk 1557 sec 579747.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0111809494	
		VCV xx 0.000212715	VCV xy 0.0001671521	
		VCV xz -0.0000870007	VCV yy 0.0002880733	
		VCV yz -0.0001189283	VCV zz 0.0001961779	
GPSVEC	TP	Point ID 46449	DX -7534.919	DY 1760.612
		Class Normal	DZ -2049.122	Code P-132
		Obs L1 Fixed	H.pr 0.034	V.pr 0.058
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 18.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 579756.6	End wk 1557 sec 579761.6	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.010623225	
		VCV xx 0.0002032351	VCV xy 0.0001605785	
		VCV xz -0.0000832246	VCV yy 0.0002753403	
		VCV yz -0.0001139507	VCV zz 0.0001857369	
GPSVEC	TP	Point ID 46450	DX -7531.232	DY 1758.580
		Class Normal	DZ -2049.665	Code P-131
		Obs L1 Fixed	H.pr 0.037	V.pr 0.062
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 21.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 579769.8	End wk 1557 sec 579774.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0114147821	
		VCV xx 0.0002192514	VCV xy 0.0001740325	
		VCV xz -0.0000898495	VCV yy 0.0002971662	
		VCV yz -0.0001232181	VCV zz 0.0001988156	
GPSVEC	TP	Point ID 46451	DX -7526.236	DY 1755.980
		Class Normal	DZ -2050.575	Code P-129
		Obs L1 Fixed	H.pr 0.035	V.pr 0.059
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 20.9	
		Horz SD	Vert SD	
		Start wk 1557 sec 579784.8	End wk 1557 sec 579789.8	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.01086972	
		VCV xx 0.0002097221	VCV xy 0.0001673196	
		VCV xz -0.0000860105	VCV yy 0.0002844277	
		VCV yz -0.0001181866	VCV zz 0.0001885446	
GPSVEC	TP	Point ID 46452	DX -7514.540	DY 1759.310
		Class Normal	DZ -2030.557	Code P-128
		Obs L1 Fixed	H.pr 0.036	V.pr 0.060
GPSQC1	NM	Min SVs 7	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.0	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 22.8	
		Horz SD	Vert SD	
		Start wk 1557 sec 579809.0	End wk 1557 sec 579814.0	
GPSQC2	NM	Ttl satellites 7	Err Scale 0.0111161545	
		VCV xx 0.0002165061	VCV xy 0.0001740767	
		VCV xz -0.0000888754	VCV yy 0.000293971	
		VCV yz -0.0001225402	VCV zz 0.0001920922	
INIT	KI	Init event High RMS	Week 1557	
		Init type On the fly	seconds 579837.0	
		Init counter 2	Point ID <no text>	
		Survey type Real Time	Plate H.Dist <null>	
		Plate V.Dist <null>	Plate azimuth <null>	

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INIT  KI  Init event      Good RMS      Week      1557
        Init type      On the fly   seconds    579839.0
        Init counter    2           Point ID   <no text>
        Survey type     Real Time   Plate H.Dist <null>
        Plate V.Dist    <null>     Plate azimuth <null>

GPSVEC TP  Point ID 46453      DX  -7491.809      DY  1753.559
        Class Normal      DZ  -2025.067      Code P-127
        Obs L1 Fixed      H.pr 0.034        V.pr 0.058

GPSQC1 NM  Min SVs      7           PDOP max  1.9
        Relative DOPs Yes      HDOP max  1.0
        Total GPS pos  6           VDOP max  1.7
        Monitor status Not monitored RMS        19.9
        Horz SD                               Vert SD
        Start wk 1557 sec 579843.2           End wk 1557 sec 579848.2

GPSQC2 NM  Ttl satellites 7           Err Scale 0.0106681809
        VCV xx  0.0002098552      VCV xy  0.0001705668
        VCV xz  -0.0000863789      VCV yy  0.0002857119
        VCV yz  -0.000119703      VCV zz  0.0001831431

GPSVEC TP  Point ID 46454      DX  -7479.097      DY  1753.859
        Class Normal      DZ  -2017.587      Code DS-38\R-156-PS
        Obs L1 Fixed      H.pr 0.033        V.pr 0.055

GPSQC1 NM  Min SVs      7           PDOP max  1.9
        Relative DOPs Yes      HDOP max  1.0
        Total GPS pos  6           VDOP max  1.7
        Monitor status Not monitored RMS        18.8
        Horz SD                               Vert SD
        Start wk 1557 sec 579881.4           End wk 1557 sec 579886.4

GPSQC2 NM  Ttl satellites 7           Err Scale 0.0101862531
        VCV xx  0.0001982632      VCV xy  0.0001628924
        VCV xz  -0.0000817296      VCV yy  0.0002707534
        VCV yz  -0.0001139113      VCV zz  0.000170076

GPSVEC TP  Point ID 46455      DX  -7478.379      DY  1757.441
        Class Normal      DZ  -2012.732      Code DS-38\R-156-PS
        Obs L1 Fixed      H.pr 0.032        V.pr 0.054

GPSQC1 NM  Min SVs      7           PDOP max  1.9
        Relative DOPs Yes      HDOP max  1.0
        Total GPS pos  6           VDOP max  1.7
        Monitor status Not monitored RMS        16.8
        Horz SD                               Vert SD
        Start wk 1557 sec 579896.6           End wk 1557 sec 579902.4

GPSQC2 NM  Ttl satellites 7           Err Scale 0.0098865051
        VCV xx  0.0001868036      VCV xy  0.0001541873
        VCV xz  -0.0000771409      VCV yy  0.0002555635
        VCV yz  -0.0001077623      VCV zz  0.0001592794

GPSVEC TP  Point ID 46456      DX  -7467.528      DY  1750.732
        Class Normal      DZ  -2015.076      Code P-126
        Obs L1 Fixed      H.pr 0.033        V.pr 0.055

GPSQC1 NM  Min SVs      7           PDOP max  1.9
        Relative DOPs Yes      HDOP max  1.0
        Total GPS pos  6           VDOP max  1.7
        Monitor status Not monitored RMS        20.2
        Horz SD                               Vert SD
        Start wk 1557 sec 579921.6           End wk 1557 sec 579926.6

GPSQC2 NM  Ttl satellites 7           Err Scale 0.0101320865
        VCV xx  0.0001962734      VCV xy  0.0001631538
        VCV xz  -0.0000812568      VCV yy  0.0002692348
        VCV yz  -0.0001139239      VCV zz  0.0001657434

GPSVEC TP  Point ID 46457      DX  -7457.030      DY  1751.653
        Class Normal      DZ  -2008.221      Code PS
        Obs L1 Fixed      H.pr 0.032        V.pr 0.054

GPSQC1 NM  Min SVs      7           PDOP max  1.9
        Relative DOPs Yes      HDOP max  1.0
        Total GPS pos  6           VDOP max  1.7
        Monitor status Not monitored RMS        18.4
        Horz SD                               Vert SD
        Start wk 1557 sec 579949.8           End wk 1557 sec 579954.8

GPSQC2 NM  Ttl satellites 7           Err Scale 0.0099791884
        VCV xx  0.0001904342      VCV xy  0.0001595473
        VCV xz  -0.0000790418      VCV yy  0.0002620302
        VCV yz  -0.0001112748      VCV zz  0.000159068

GPSVEC TP  Point ID 46458      DX  -7453.484      DY  1769.352
        Class Normal      DZ  -1984.870      Code SCRAP-PS
        Obs L1 Fixed      H.pr 0.036        V.pr 0.055

GPSQC1 NM  Min SVs      6           PDOP max  2.7
        Relative DOPs Yes      HDOP max  1.4
        Total GPS pos  7           VDOP max  2.2
        Monitor status Not monitored RMS        11.2
        Horz SD                               Vert SD
        Start wk 1557 sec 579991.2           End wk 1557 sec 579997.0

GPSQC2 NM  Ttl satellites 6           Err Scale 0.0077459668
        VCV xx  0.0002118399      VCV xy  0.0001824157
        VCV xz  -0.00008854        VCV yy  0.0002886777
        VCV yz  -0.0001230471      VCV zz  0.0001649786
    
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GPSVEC	TP	Point ID 46459	DX -7460.087	DY 1771.422
		Class Normal	DZ -1985.920	Code SCRAP-PS
		Obs L1 Fixed	H.pr 0.036	V.pr 0.056
GPSQC1	NM	Min SVs 6	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 9.4	
		Horz SD	Vert SD	
		Start wk 1557 sec 580007.0	End wk 1557 sec 580012.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0077459668	
		VCV xx 0.0002207592	VCV xy 0.0001924794	
		VCV xz -0.0000926166	VCV yy 0.0002991268	
		VCV yz -0.0001276362	VCV zz 0.0001659552	
GPSVEC	TP	Point ID 46460	DX -7479.626	DY 1781.181
		Class Normal	DZ -1984.564	Code P-147
		Obs L1 Fixed	H.pr 0.036	V.pr 0.058
GPSQC1	NM	Min SVs 6	PDOP max 2.7	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.3	
		Monitor status Not monitored	RMS 9.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 580031.0	End wk 1557 sec 580036.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0077459668	
		VCV xx 0.0002329477	VCV xy 0.0002060834	
		VCV xz -0.000098201	VCV yy 0.0003142507	
		VCV yz -0.0001343425	VCV zz 0.0001683227	
GPSVEC	TP	Point ID 46461	DX -7566.615	DY 1870.074
		Class Normal	DZ -1980.214	Code PS
		Obs L1 Fixed	H.pr 0.037	V.pr 0.060
GPSQC1	NM	Min SVs 6	PDOP max 2.8	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.4	
		Monitor status Not monitored	RMS 13.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 580083.4	End wk 1557 sec 580088.4	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0077459668	
		VCV xx 0.000252621	VCV xy 0.0002289897	
		VCV xz -0.0001075692	VCV yy 0.0003401336	
		VCV yz -0.0001460761	VCV zz 0.0001718594	
GPSVEC	TP	Point ID 46462	DX -7645.410	DY 1795.397
		Class Normal	DZ -2144.443	Code EXT-TN
		Obs L1 Fixed	H.pr 0.038	V.pr 0.063
GPSQC1	NM	Min SVs 6	PDOP max 3.0	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.6	
		Monitor status Not monitored	RMS 13.7	
		Horz SD	Vert SD	
		Start wk 1557 sec 580152.8	End wk 1557 sec 580157.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0077459668	
		VCV xx 0.0002803022	VCV xy 0.0002597625	
		VCV xz -0.0001209511	VCV yy 0.000380492	
		VCV yz -0.0001645953	VCV zz 0.0001834605	
GPSVEC	TP	Point ID 46463	DX -7642.437	DY 1791.382
		Class Normal	DZ -2147.619	Code EXT-PS
		Obs L1 Fixed	H.pr 0.038	V.pr 0.063
GPSQC1	NM	Min SVs 6	PDOP max 3.0	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.5	
		Monitor status Not monitored	RMS 13.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 580169.0	End wk 1557 sec 580174.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0077459668	
		VCV xx 0.000276675	VCV xy 0.0002575381	
		VCV xz -0.0001198202	VCV yy 0.0003766911	
		VCV yz -0.0001632701	VCV zz 0.0001802238	
GPSVEC	TP	Point ID 46464	DX -7637.178	DY 1783.885
		Class Normal	DZ -2153.783	Code EXT
		Obs L1 Fixed	H.pr 0.038	V.pr 0.064
GPSQC1	NM	Min SVs 6	PDOP max 3.0	
		Relative DOPs Yes	HDOP max 1.5	
		Total GPS pos 6	VDOP max 2.6	
		Monitor status Not monitored	RMS 10.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 580186.0	End wk 1557 sec 580191.0	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0077459668	
		VCV xx 0.0002845216	VCV xy 0.0002660232	
		VCV xz -0.000123677	VCV yy 0.0003886709	
		VCV yz -0.0001688102	VCV zz 0.000184556	
GPSVEC	TP	Point ID 46465	DX -7633.968	DY 1780.255
		Class Normal	DZ -2156.335	Code EXT-TN
		Obs L1 Fixed	H.pr 0.038	V.pr 0.064

GPSQC1	NM	Min SVs	6	PDOP max	3.0
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	2.6
		Monitor status	Not monitored	RMS	11.9
		Horz SD		Vert SD	
		Start wk 1557 sec	580200.0	End wk 1557 sec	580205.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0077459668
		VCV xx	0.0002818182	VCV xy	0.0002644635
		VCV xz	-0.0001228915	VCV yy	0.0003860652
		VCV yz	-0.0001679684	VCV zz	0.0001822046
GPSVEC	TP	Point ID 46466	DX -7630.484	DY	1776.683
		Class Normal	DZ -2158.726	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.065
GPSQC1	NM	Min SVs	6	PDOP max	3.1
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	7	VDOP max	2.7
		Monitor status	Not monitored	RMS	13.8
		Horz SD		Vert SD	
		Start wk 1557 sec	580297.6	End wk 1557 sec	580305.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0077459668
		VCV xx	0.0002913828	VCV xy	0.0002798364
		VCV xz	-0.0001294967	VCV yy	0.0004076642
		VCV yz	-0.0001792558	VCV zz	0.0001853021
GPSVEC	TP	Point ID 46467	DX -7625.912	DY	1771.334
		Class Normal	DZ -2162.547	Code	EXT
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	6	PDOP max	3.1
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	14	VDOP max	2.7
		Monitor status	Not monitored	RMS	12.1
		Horz SD		Vert SD	
		Start wk 1557 sec	580327.6	End wk 1557 sec	580340.6
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0002647501	VCV xy	0.0002546212
		VCV xz	-0.0001138921	VCV yy	0.0003697469
		VCV yz	-0.0001556012	VCV zz	0.0001513975
GPSVEC	TP	Point ID 46468	DX -7619.837	DY	1765.684
		Class Normal	DZ -2165.988	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.9
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	7	VDOP max	2.5
		Monitor status	Not monitored	RMS	11.3
		Horz SD		Vert SD	
		Start wk 1557 sec	580351.0	End wk 1557 sec	580356.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0002674369	VCV xy	0.0002582192
		VCV xz	-0.0001154049	VCV yy	0.0003749831
		VCV yz	-0.0001578985	VCV zz	0.0001520648
GPSVEC	TP	Point ID 46469	DX -7616.042	DY	1762.023
		Class Normal	DZ -2168.079	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.036	V.pr	0.062
GPSQC1	NM	Min SVs	7	PDOP max	2.9
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	7	VDOP max	2.5
		Monitor status	Not monitored	RMS	11.3
		Horz SD		Vert SD	
		Start wk 1557 sec	580366.0	End wk 1557 sec	580371.8
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0002680254	VCV xy	0.0002596331
		VCV xz	-0.0001160226	VCV yy	0.0003770972
		VCV yz	-0.0001590388	VCV zz	0.0001521354
GPSVEC	TP	Point ID 46470	DX -7606.937	DY	1754.815
		Class Normal	DZ -2171.500	Code	EXT-TN-R
		Obs L1 Fixed	H.pr 0.036	V.pr	0.065
GPSQC1	NM	Min SVs	7	PDOP max	3.0
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	2.6
		Monitor status	Not monitored	RMS	14.9
		Horz SD		Vert SD	
		Start wk 1557 sec	580482.4	End wk 1557 sec	580487.4
GPSQC2	NM	Ttl satellites	7	Err Scale	0.0077459668
		VCV xx	0.0002839929	VCV xy	0.0002820976
		VCV xz	-0.0001259793	VCV yy	0.0004108053
		VCV yz	-0.0001752973	VCV zz	0.0001593649
GPSVEC	TP	Point ID 46471	DX -7605.391	DY	1753.677
		Class Normal	DZ -2171.942	Code	EXT-TN-R
		Obs L1 Fixed	H.pr 0.036	V.pr	0.065
GPSQC1	NM	Min SVs	7	PDOP max	3.0
		Relative DOPs	Yes	HDOP max	1.5
		Total GPS pos	6	VDOP max	2.6
		Monitor status	Not monitored	RMS	11.4
		Horz SD		Vert SD	
		Start wk 1557 sec	580498.6	End wk 1557 sec	580503.6

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GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002849147 VCV xy 0.0002840443
VCV xz -0.0001269073 VCV yy 0.0004139155
VCV yz -0.0001769521 VCV zz 0.0001598023

GPSVEC TP Point ID 46472 DX -7599.292 DY 1749.494
Class Normal DZ -2173.711 Code EXT-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.066

GPSQC1 NM Min SVs 7 PDOP max 3.0
Relative DOPs Yes HDOP max 1.5
Total GPS pos 6 VDOP max 2.7
Monitor status Not monitored RMS 11.4
Horz SD Vert SD
Start wk 1557 sec 580536.8 End wk 1557 sec 580541.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002862753 VCV xy 0.0002876642
VCV xz -0.0001285753 VCV yy 0.0004198403
VCV yz -0.0001801283 VCV zz 0.0001602849

GPSVEC TP Point ID 46473 DX -7589.543 DY 1742.699
Class Normal DZ -2176.287 Code EXT
Obs L1 Fixed H.pr 0.036 V.pr 0.066

GPSQC1 NM Min SVs 7 PDOP max 3.0
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.7
Monitor status Not monitored RMS 13.1
Horz SD Vert SD
Start wk 1557 sec 580550.8 End wk 1557 sec 580556.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002851331 VCV xy 0.0002874271
VCV xz -0.0001285262 VCV yy 0.0004198051
VCV yz -0.0001803892 VCV zz 0.0001596351

NOTE TS Time Date 11/14/2009 Time 09:16:43

GPSVEC TP Point ID 46474 DX -7588.327 DY 1741.879
Class Normal DZ -2176.507 Code EXT-TN
Obs L1 Fixed H.pr 0.035 V.pr 0.065

GPSQC1 NM Min SVs 7 PDOP max 3.1
Relative DOPs Yes HDOP max 1.5
Total GPS pos 18 VDOP max 2.7
Monitor status Not monitored RMS 15.1
Horz SD Vert SD
Start wk 1557 sec 580603.2 End wk 1557 sec 580620.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002802987 VCV xy 0.0002859304
VCV xz -0.0001280031 VCV yy 0.0004188161
VCV yz -0.0001809845 VCV zz 0.0001567382

GPSVEC TP Point ID 46475 DX -7581.249 DY 1737.827
Class Normal DZ -2177.367 Code EXT-PS
Obs L1 Fixed H.pr 0.035 V.pr 0.066

GPSQC1 NM Min SVs 7 PDOP max 3.0
Relative DOPs Yes HDOP max 1.4
Total GPS pos 9 VDOP max 2.7
Monitor status Not monitored RMS 14.6
Horz SD Vert SD
Start wk 1557 sec 580632.4 End wk 1557 sec 580642.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002795313 VCV xy 0.0002865873
VCV xz -0.0001284032 VCV yy 0.0004203855
VCV yz -0.0001820971 VCV zz 0.000156398

GPSVEC TP Point ID 46476 DX -7571.983 DY 1732.356
Class Normal DZ -2178.554 Code EXT
Obs L1 Fixed H.pr 0.035 V.pr 0.065

GPSQC1 NM Min SVs 6 PDOP max 3.0
Relative DOPs Yes HDOP max 1.4
Total GPS pos 10 VDOP max 2.7
Monitor status Not monitored RMS 9.7
Horz SD Vert SD
Start wk 1557 sec 580653.8 End wk 1557 sec 580662.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002789596 VCV xy 0.0002866363
VCV xz -0.0001272531 VCV yy 0.0004203221
VCV yz -0.0001798098 VCV zz 0.0001508417

GPSVEC TP Point ID 46477 DX -7569.025 DY 1730.729
Class Normal DZ -2178.726 Code EXT-TN
Obs L1 Fixed H.pr 0.035 V.pr 0.066

GPSQC1 NM Min SVs 7 PDOP max 3.0
Relative DOPs Yes HDOP max 1.4
Total GPS pos 8 VDOP max 2.7
Monitor status Not monitored RMS 11.0
Horz SD Vert SD
Start wk 1557 sec 580671.8 End wk 1557 sec 580678.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002799089 VCV xy 0.0002886917
VCV xz -0.0001283543 VCV yy 0.0004238528
VCV yz -0.0001818535 VCV zz 0.0001518345
    
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GPSVEC TP Point ID 46478      DX -7562.768      DY 1727.528
        Class Normal      DZ -2178.966      Code EXT-PS
        Obs L1 Fixed      H.pr 0.035      V.pr 0.066

GPSQC1 NM Min SVs          7                PDOP max 3.0
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 11      VDOP max 2.7
        Monitor status Not monitored RMS 12.8
        Horz SD              Vert SD
        Start wk 1557 sec 580688.8 End wk 1557 sec 580698.8

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077459668
        VCV xx 0.0002778647    VCV xy 0.000287808
        VCV xz -0.0001282757    VCV yy 0.0004232231
        VCV yz -0.0001823991    VCV zz 0.0001517977

GPSVEC TP Point ID 46479      DX -7560.550      DY 1726.418
        Class Normal      DZ -2179.000      Code EXT-TN
        Obs L1 Fixed      H.pr 0.035      V.pr 0.066

GPSQC1 NM Min SVs          7                PDOP max 3.0
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 11      VDOP max 2.7
        Monitor status Not monitored RMS 12.7
        Horz SD              Vert SD
        Start wk 1557 sec 580706.8 End wk 1557 sec 580717.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077459668
        VCV xx 0.0002762357    VCV xy 0.0002872358
        VCV xz -0.0001282847    VCV yy 0.0004230076
        VCV yz -0.0001829713    VCV zz 0.0001517529

GPSVEC TP Point ID 46480      DX -7554.184      DY 1723.310
        Class Normal      DZ -2178.979      Code EXT
        Obs L1 Fixed      H.pr 0.034      V.pr 0.065

GPSQC1 NM Min SVs          7                PDOP max 3.0
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 11      VDOP max 2.7
        Monitor status Not monitored RMS 12.6
        Horz SD              Vert SD
        Start wk 1557 sec 580725.0 End wk 1557 sec 580735.0

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077459668
        VCV xx 0.0002740017    VCV xy 0.0002859886
        VCV xz -0.0001279555    VCV yy 0.0004217849
        VCV yz -0.0001830357    VCV zz 0.0001512495

GPSVEC TP Point ID 46481      DX -7543.080      DY 1718.971
        Class Normal      DZ -2177.879      Code EXT-PS
        Obs L1 Fixed      H.pr 0.034      V.pr 0.066

GPSQC1 NM Min SVs          7                PDOP max 3.0
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 13      VDOP max 2.7
        Monitor status Not monitored RMS 12.9
        Horz SD              Vert SD
        Start wk 1557 sec 580749.2 End wk 1557 sec 580761.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077459668
        VCV xx 0.0002729384    VCV xy 0.0002863927
        VCV xz -0.0001284164    VCV yy 0.0004232555
        VCV yz -0.0001844527    VCV zz 0.0001515497

GPSVEC TP Point ID 46482      DX -7539.827      DY 1717.810
        Class Normal      DZ -2177.452      Code EXT-TN
        Obs L1 Fixed      H.pr 0.034      V.pr 0.066

GPSQC1 NM Min SVs          7                PDOP max 3.0
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 13      VDOP max 2.7
        Monitor status Not monitored RMS 11.2
        Horz SD              Vert SD
        Start wk 1557 sec 580773.2 End wk 1557 sec 580785.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077459668
        VCV xx 0.0002712494    VCV xy 0.0002860093
        VCV xz -0.0001284783    VCV yy 0.0004235235
        VCV yz -0.0001852195    VCV zz 0.0001513338

GPSVEC TP Point ID 46483      DX -7522.281      DY 1711.470
        Class Normal      DZ -2175.115      Code EXT-PS
        Obs L1 Fixed      H.pr 0.034      V.pr 0.065

GPSQC1 NM Min SVs          7                PDOP max 3.1
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 21      VDOP max 2.7
        Monitor status Not monitored RMS 10.9
        Horz SD              Vert SD
        Start wk 1557 sec 580800.4 End wk 1557 sec 580820.4

GPSQC2 NM Ttl satellites 7      Err Scale 0.0077459668
        VCV xx 0.0002671673    VCV xy 0.000283574
        VCV xz -0.0001276523    VCV yy 0.000421124
        VCV yz -0.0001849407    VCV zz 0.0001499354

GPSVEC SO Point ID 46484      DX -7831.628      DY 1795.290
        Class Stake out      DZ -2248.820      Code CP-501-11-14-09-
        Obs L1 Fixed      H.pr 0.032      V.pr 0.066

F-CODE SO Code CP-501-11-14-09-POSTCHK
    
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GPSQC1 NM Min SVs 7 PDOP max 3.2
Relative DOPs Yes HDOP max 1.4
Total GPS pos 66 VDOP max 2.9
Monitor status Not monitored RMS 14.0
Horz SD Vert SD
Start wk 1557 sec 581060.6 End wk 1557 sec 581126.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0077459668
VCV xx 0.0002498927 VCV xy 0.0002792322
VCV xz -0.0001274513 VCV yy 0.0004265118
VCV yz -0.0001920116 VCV zz 0.0001464459

PT DGN SO Name CP-501 To the Point

GRID D SO Delta N 0.025 Delta E -0.032
Delta Elv -0.061

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 11/14/2009 Time 15:21:34

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 Measurement True

GPSPOS FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver 4700 Serial no <no text>
Antenna Micro-centered L1/L2 w/Ground
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 0.207 Measurement True

GPSREF KI Reference 01

INIT KI Init event Gained Week 1557
Init type On the fly seconds 602532.0
Init counter 2 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=4.020

GPSANT KI Antenna ht 6.562 Measurement Uncorrected

GPSVEC TP Point ID 46485 DX -7599.642 DY 1913.088
Class Normal DZ -1974.684 Code EXT-PS
Obs L1 Fixed H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1557 sec 602753.2 End wk 1557 sec 602758.2

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082740262
VCV xx 0.000074624 VCV xy 0.000055643
VCV xz -0.0000446942 VCV yy 0.0002413367
VCV yz -0.0000725528 VCV zz 0.0001003678

GPSVEC TP Point ID 46486 DX -7606.993 DY 1908.574
Class Normal DZ -1984.427 Code EXT-TN
Obs L1 Fixed H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 1.9
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1557 sec 602773.4 End wk 1557 sec 602778.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0086869169
VCV xx 0.0000823667 VCV xy 0.0000613188
VCV xz -0.0000495038 VCV yy 0.000266173
VCV yz -0.0000804127 VCV zz 0.0001116908

GPSVEC TP Point ID 46487 DX -7612.115 DY 1905.214
Class Normal DZ -1991.616 Code EXT-PS
Obs L1 Fixed H.pr 0.025 V.pr 0.048
    
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GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.5
		Horz SD		Vert SD	
		Start wk 1557 sec	602789.6	End wk 1557 sec	602794.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0085909767
		VCV xx	0.0000806721	VCV xy	0.000059951
		VCV xz	-0.0000485747	VCV yy	0.0002603132
		VCV yz	-0.000078938	VCV zz	0.000109991
GPSVEC	TP	Point ID 46488	DX -7619.174	DY	1900.621
		Class Normal	DZ -2001.341	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.5
		Horz SD		Vert SD	
		Start wk 1557 sec	602805.6	End wk 1557 sec	602810.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0085553378
		VCV xx	0.0000801734	VCV xy	0.0000594496
		VCV xz	-0.0000483347	VCV yy	0.000258164
		VCV yz	-0.0000785779	VCV zz	0.0001098459
GPSVEC	TP	Point ID 46489	DX -7619.327	DY	1900.440
		Class Normal	DZ -2001.644	Code	DS-47\R-174-EXT
		Obs L1 Fixed	H.pr 0.025	V.pr	0.047
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.2
		Horz SD		Vert SD	
		Start wk 1557 sec	602829.8	End wk 1557 sec	602834.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0084059713
		VCV xx	0.00007768	VCV xy	0.0000573565
		VCV xz	-0.0000468648	VCV yy	0.0002490698
		VCV yz	-0.000076211	VCV zz	0.000107115
GPSVEC	TP	Point ID 46490	DX -7620.602	DY	1900.228
		Class Normal	DZ -2002.563	Code	DS-47\R-174-S
		Obs L1 Fixed	H.pr 0.025	V.pr	0.047
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.5
		Horz SD		Vert SD	
		Start wk 1557 sec	602848.8	End wk 1557 sec	602853.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0084119868
		VCV xx	0.0000780566	VCV xy	0.0000574303
		VCV xz	-0.0000470982	VCV yy	0.0002493121
		VCV yz	-0.0000766162	VCV zz	0.0001081248
GPSVEC	TP	Point ID 46491	DX -7620.945	DY	1900.281
		Class Normal	DZ -2002.750	Code	DS-47\R-174-S
		Obs L1 Fixed	H.pr 0.024	V.pr	0.047
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.6
		Horz SD		Vert SD	
		Start wk 1557 sec	602857.8	End wk 1557 sec	602862.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0083500221
		VCV xx	0.0000770071	VCV xy	0.0000565933
		VCV xz	-0.000046485	VCV yy	0.0002455864
		VCV yz	-0.0000756578	VCV zz	0.0001068963
GPSVEC	TP	Point ID 46492	DX -7620.095	DY	1897.831
		Class Normal	DZ -2004.999	Code	DS-47\R-174-S
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.6
		Horz SD		Vert SD	
		Start wk 1557 sec	602870.8	End wk 1557 sec	602875.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0084859692
		VCV xx	0.0000797169	VCV xy	0.0000584541
		VCV xz	-0.0000481233	VCV yy	0.00025354
		VCV yz	-0.0000783597	VCV zz	0.0001109728
GPSVEC	TP	Point ID 46493	DX -7623.345	DY	1898.723
		Class Normal	DZ -2006.022	Code	DS-47\R-174-S
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	17.4
		Horz SD		Vert SD	
		Start wk 1557 sec	602881.8	End wk 1557 sec	602886.8

GPSQC2	NM	Ttl satellites 8		Err Scale	0.0084985094
		VCV xx 0.0000801153		VCV xy	0.0000586399
		VCV xz -0.0000483664		VCV yy	0.0002542209
		VCV yz -0.000078792		VCV zz	0.0001117888
GPSVEC	TP	Point ID 46494	DX -7623.225	DY	1898.489
		Class Normal	DZ -2006.200	Code	DS-47\R-174-S
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs 8		PDOP max	1.9
		Relative DOPs Yes		HDOP max	0.9
		Total GPS pos 6		VDOP max	1.7
		Monitor status Not monitored		RMS	17.3
		Horz SD		Vert SD	
		Start wk 1557 sec 602890.0		End wk 1557 sec 602895.0	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0084883878
		VCV xx 0.0000800275		VCV xy	0.0000585134
		VCV xz -0.0000483242		VCV yy	0.0002535573
		VCV yz -0.0000787626		VCV zz	0.0001118584
GPSVEC	TP	Point ID 46495	DX -7623.213	DY	1897.814
		Class Normal	DZ -2006.988	Code	DS-47\R-174-EXT
		Obs L1 Fixed	H.pr 0.025	V.pr	0.047
GPSQC1	NM	Min SVs 8		PDOP max	1.9
		Relative DOPs Yes		HDOP max	0.9
		Total GPS pos 6		VDOP max	1.7
		Monitor status Not monitored		RMS	16.7
		Horz SD		Vert SD	
		Start wk 1557 sec 602905.0		End wk 1557 sec 602910.0	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0084212627
		VCV xx 0.0000790051		VCV xy	0.0000575738
		VCV xz -0.0000476671		VCV yy	0.0002493188
		VCV yz -0.0000777087		VCV zz	0.0001107443
GPSVEC	TP	Point ID 46496	DX -7624.237	DY	1897.076
		Class Normal	DZ -2008.460	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs 8		PDOP max	1.9
		Relative DOPs Yes		HDOP max	0.9
		Total GPS pos 6		VDOP max	1.7
		Monitor status Not monitored		RMS	15.4
		Horz SD		Vert SD	
		Start wk 1557 sec 602919.0		End wk 1557 sec 602924.0	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0084759453
		VCV xx 0.000080255		VCV xy	0.0000583174
		VCV xz -0.0000483937		VCV yy	0.0002523737
		VCV yz -0.0000789235		VCV zz	0.0001127943
GPSVEC	TP	Point ID 46497	DX -7629.630	DY	1893.533
		Class Normal	DZ -2015.849	Code	R-173-EXT
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs 8		PDOP max	1.9
		Relative DOPs Yes		HDOP max	0.9
		Total GPS pos 6		VDOP max	1.7
		Monitor status Not monitored		RMS	16.0
		Horz SD		Vert SD	
		Start wk 1557 sec 602938.2		End wk 1557 sec 602943.2	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0085487785
		VCV xx 0.0000819665		VCV xy	0.0000593273
		VCV xz -0.0000493769		VCV yy	0.0002564152
		VCV yz -0.0000805829		VCV zz	0.0001156218
GPSVEC	TP	Point ID 46498	DX -7630.821	DY	1892.684
		Class Normal	DZ -2017.467	Code	R-173-EXT
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs 8		PDOP max	1.9
		Relative DOPs Yes		HDOP max	0.9
		Total GPS pos 6		VDOP max	1.7
		Monitor status Not monitored		RMS	17.6
		Horz SD		Vert SD	
		Start wk 1557 sec 602949.2		End wk 1557 sec 602954.4	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0084871389
		VCV xx 0.0000809901		VCV xy	0.0000584328
		VCV xz -0.000048736		VCV yy	0.0002525621
		VCV yz -0.000079516		VCV zz	0.0001144394
GPSVEC	TP	Point ID 46499	DX -7628.949	DY	1892.184
		Class Normal	DZ -2016.947	Code	R-173-S
		Obs L1 Fixed	H.pr 0.025	V.pr	0.048
GPSQC1	NM	Min SVs 8		PDOP max	1.9
		Relative DOPs Yes		HDOP max	0.9
		Total GPS pos 6		VDOP max	1.7
		Monitor status Not monitored		RMS	17.4
		Horz SD		Vert SD	
		Start wk 1557 sec 602963.4		End wk 1557 sec 602968.4	
GPSQC2	NM	Ttl satellites 8		Err Scale	0.0084755998
		VCV xx 0.0000809918		VCV xy	0.000058276
		VCV xz -0.0000487054		VCV yy	0.000251614
		VCV yz -0.0000795204		VCV zz	0.0001147476

GPSVEC	TP	Point ID 46500	DX -7625.113	DY 1887.090
		Class Normal	DZ -2017.604	Code R-172
		Obs L1 Fixed	H.pr 0.025	V.pr 0.048
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 13.8	
		Horz SD	Vert SD	
		Start wk 1557 sec 602979.8	End wk 1557 sec 602984.8	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0085150171	
		VCV xx 0.0000820209	VCV xy 0.0000587943	
		VCV xz -0.0000492596	VCV yy 0.0002536295	
		VCV yz -0.000080451	VCV zz 0.0001165208	
GPSVEC	TP	Point ID 46501	DX -7631.347	DY 1892.468
		Class Normal	DZ -2018.121	Code EXT-TN
		Obs L1 Fixed	H.pr 0.025	V.pr 0.048
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 7	VDOP max 1.7	
		Monitor status Not monitored	RMS 13.8	
		Horz SD	Vert SD	
		Start wk 1557 sec 602998.0	End wk 1557 sec 603003.8	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0084337192	
		VCV xx 0.0000807551	VCV xy 0.0000576464	
		VCV xz -0.0000484352	VCV yy 0.0002484195	
		VCV yz -0.0000791475	VCV zz 0.0001150912	
GPSVEC	TP	Point ID 46502	DX -7636.450	DY 1888.971
		Class Normal	DZ -2025.250	Code EXT-PS
		Obs L1 Fixed	H.pr 0.024	V.pr 0.047
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 15.4	
		Horz SD	Vert SD	
		Start wk 1557 sec 603017.0	End wk 1557 sec 603022.0	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0083773322	
		VCV xx 0.000079953	VCV xy 0.0000568762	
		VCV xz -0.0000479037	VCV yy 0.0002447114	
		VCV yz -0.0000783595	VCV zz 0.0001143307	
GPSVEC	TP	Point ID 46503	DX -7643.052	DY 1883.765
		Class Normal	DZ -2035.336	Code EXT-PS
		Obs L1 Fixed	H.pr 0.024	V.pr 0.047
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 13.6	
		Horz SD	Vert SD	
		Start wk 1557 sec 603032.2	End wk 1557 sec 603037.2	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0083355047	
		VCV xx 0.0000794022	VCV xy 0.0000562712	
		VCV xz -0.0000475026	VCV yy 0.0002419685	
		VCV yz -0.0000777102	VCV zz 0.0001138	
GPSVEC	TP	Point ID 46504	DX -7647.177	DY 1879.721
		Class Normal	DZ -2042.594	Code EXT-PS
		Obs L1 Fixed	H.pr 0.024	V.pr 0.047
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 5	VDOP max 1.7	
		Monitor status Not monitored	RMS 17.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 603059.6	End wk 1557 sec 603065.6	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0082423389	
		VCV xx 0.0000780787	VCV xy 0.0000549416	
		VCV xz -0.0000465738	VCV yy 0.0002358897	
		VCV yz -0.0000762287	VCV zz 0.0001124141	
GPSVEC	TP	Point ID 46505	DX -7645.751	DY 1874.942
		Class Normal	DZ -2046.712	Code P-142
		Obs L1 Fixed	H.pr 0.024	V.pr 0.046
GPSQC1	NM	Min SVs 8	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 0.9	
		Total GPS pos 6	VDOP max 1.7	
		Monitor status Not monitored	RMS 17.2	
		Horz SD	Vert SD	
		Start wk 1557 sec 603074.6	End wk 1557 sec 603079.6	
GPSQC2	NM	Ttl satellites 8	Err Scale 0.0081899827	
		VCV xx 0.0000772706	VCV xy 0.0000542303	
		VCV xz -0.0000460557	VCV yy 0.0002325978	
		VCV yz -0.000075438	VCV zz 0.000111526	
GPSVEC	TP	Point ID 46506	DX -7630.660	DY 1859.142
		Class Normal	DZ -2045.524	Code R-176-PS
		Obs L1 Fixed	H.pr 0.024	V.pr 0.047

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GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes      HDOP max  0.9
          Total GPS pos  6       VDOP max  1.7
          Monitor status Not monitored RMS      15.1
          Horz SD          Vert SD
          Start wk 1557 sec 603096.6 End wk 1557 sec 603101.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082149031
          VCV xx    0.0000780485 VCV xy    0.0000545154
          VCV xz   -0.0000464325 VCV yy    0.0002334613
          VCV yz   -0.0000761214 VCV zz    0.000113069

GPSVEC TP Point ID 46507      DX   -7631.040      DY   1858.825
          Class Normal      DZ   -2046.181      Code R-176-PS
          Obs L1 Fixed      H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes      HDOP max  0.9
          Total GPS pos  6       VDOP max  1.7
          Monitor status Not monitored RMS      13.3
          Horz SD          Vert SD
          Start wk 1557 sec 603107.6 End wk 1557 sec 603112.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082900673
          VCV xx    0.0000796135 VCV xy    0.0000555215
          VCV xz   -0.0000473505 VCV yy    0.0002375012
          VCV yz   -0.0000777063 VCV zz    0.000115593

GPSVEC TP Point ID 46508      DX   -7627.535      DY   1855.669
          Class Normal      DZ   -2045.485      Code R-176-PS
          Obs L1 Fixed      H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes      HDOP max  0.9
          Total GPS pos  6       VDOP max  1.7
          Monitor status Not monitored RMS      17.0
          Horz SD          Vert SD
          Start wk 1557 sec 603121.8 End wk 1557 sec 603126.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083159413
          VCV xx    0.0000802766 VCV xy    0.0000558542
          VCV xz   -0.0000477118 VCV yy    0.0002386064
          VCV yz   -0.0000783849 VCV zz    0.000116868

GPSVEC TP Point ID 46509      DX   -7650.350      DY   1875.381
          Class Normal      DZ   -2049.629      Code EXT-PS
          Obs L1 Fixed      H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes      HDOP max  0.9
          Total GPS pos  6       VDOP max  1.7
          Monitor status Not monitored RMS      17.1
          Horz SD          Vert SD
          Start wk 1557 sec 603150.0 End wk 1557 sec 603155.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083558233
          VCV xx    0.0000814499 VCV xy    0.0000562983
          VCV xz   -0.0000482627 VCV yy    0.0002400565
          VCV yz   -0.0000793547 VCV zz    0.0001191165

GPSVEC TP Point ID 46510      DX   -7652.628      DY   1872.551
          Class Normal      DZ   -2054.472      Code EXT
          Obs L1 Fixed      H.pr 0.024          V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes      HDOP max  0.9
          Total GPS pos  7       VDOP max  1.7
          Monitor status Not monitored RMS      13.8
          Horz SD          Vert SD
          Start wk 1557 sec 603164.4 End wk 1557 sec 603170.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083759129
          VCV xx    0.0000820146 VCV xy    0.0000565396
          VCV xz   -0.0000485552 VCV yy    0.0002407942
          VCV yz   -0.0000799159 VCV zz    0.0001202723

GPSVEC TP Point ID 46511      DX   -7656.793      DY   1863.735
          Class Normal      DZ   -2067.625      Code EXT-PS
          Obs L1 Fixed      H.pr 0.025          V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes      HDOP max  0.9
          Total GPS pos  6       VDOP max  1.7
          Monitor status Not monitored RMS      17.1
          Horz SD          Vert SD
          Start wk 1557 sec 603189.4 End wk 1557 sec 603194.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0084009962
          VCV xx    0.0000828246 VCV xy    0.0000567981
          VCV xz   -0.0000489233 VCV yy    0.0002414769
          VCV yz   -0.000080609  VCV zz    0.0001219743

GPSVEC TP Point ID 46512      DX   -7657.547      DY   1861.760
          Class Normal      DZ   -2070.425      Code EXT-TN
          Obs L1 Fixed      H.pr 0.025          V.pr 0.048

GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes      HDOP max  0.9
          Total GPS pos  6       VDOP max  1.7
          Monitor status Not monitored RMS      17.3
          Horz SD          Vert SD
          Start wk 1557 sec 603221.4 End wk 1557 sec 603226.4
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0084407274
VCV xx 0.0000839915 VCV xy 0.0000572313
VCV xz -0.0000494715 VCV yy 0.0002426735
VCV yz -0.0000816596 VCV zz 0.0001244024

GPSVEC TP Point ID 46513 DX -7660.430 DY 1853.405
Class Normal DZ -2082.046 Code EXT-R-TN
Obs L1 Fixed H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 17.5
Horz SD Vert SD
Start wk 1557 sec 603261.6 End wk 1557 sec 603266.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085894018
VCV xx 0.0000874275 VCV xy 0.0000591342
VCV xz -0.0000513266 VCV yy 0.0002498153
VCV yz -0.0000849608 VCV zz 0.0001304735

GPSVEC TP Point ID 46514 DX -7660.860 DY 1851.856
Class Normal DZ -2084.131 Code EXT-R-TN
Obs L1 Fixed H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 17.4
Horz SD Vert SD
Start wk 1557 sec 603271.8 End wk 1557 sec 603276.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085968748
VCV xx 0.0000876436 VCV xy 0.000059216
VCV xz -0.000051451 VCV yy 0.0002499424
VCV yz -0.0000852603 VCV zz 0.0001310696

GPSVEC TP Point ID 46515 DX -7660.966 DY 1850.860
Class Normal DZ -2085.417 Code EXT-PS
Obs L1 Fixed H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1557 sec 603288.0 End wk 1557 sec 603293.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085637476
VCV xx 0.0000871026 VCV xy 0.0000587111
VCV xz -0.0000510926 VCV yy 0.0002474527
VCV yz -0.0000847871 VCV zz 0.0001306732

GPSVEC TP Point ID 46516 DX -7660.523 DY 1839.449
Class Normal DZ -2099.440 Code EXT-TN
Obs L1 Fixed H.pr 0.025 V.pr 0.049

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 15.7
Horz SD Vert SD
Start wk 1557 sec 603306.0 End wk 1557 sec 603311.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085489741
VCV xx 0.0000869522 VCV xy 0.0000584474
VCV xz -0.0000509498 VCV yy 0.0002459308
VCV yz -0.000084682 VCV zz 0.0001309101

GPSVEC TP Point ID 46517 DX -7660.395 DY 1836.645
Class Normal DZ -2102.767 Code EXT-PS
Obs L1 Fixed H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 13.8
Horz SD Vert SD
Start wk 1557 sec 603320.0 End wk 1557 sec 603325.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0084967744
VCV xx 0.0000859914 VCV xy 0.0000576912
VCV xz -0.0000503559 VCV yy 0.0002424309
VCV yz -0.0000838085 VCV zz 0.0001298312

GPSVEC TP Point ID 46518 DX -7657.735 DY 1824.591
Class Normal DZ -2116.002 Code EXT-TN
Obs L1 Fixed H.pr 0.025 V.pr 0.048

GPSQC1 NM Min SVs 8 PDOP max 2.0
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.7
Monitor status Not monitored RMS 15.5
Horz SD Vert SD
Start wk 1557 sec 603344.4 End wk 1557 sec 603349.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0085033653
VCV xx 0.0000863165 VCV xy 0.0000576979
VCV xz -0.0000504627 VCV yy 0.0002417869
VCV yz -0.000084197 VCV zz 0.0001309992
    
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GPSVEC TP Point ID 46519      DX -7656.908      DY 1822.030
        Class Normal      DZ -2118.606      Code EXT-PS
        Obs L1 Fixed      H.pr 0.025      V.pr 0.049

GPSQC1 NM Min SVs      8      PDOP max 2.0
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 17.3
        Horz SD      Vert SD
        Start wk 1557 sec 603390.0      End wk 1557 sec 603395.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0085586356
        VCV xx 0.0000877129      VCV xy 0.0000583646
        VCV xz -0.000051163      VCV yy 0.000243075
        VCV yz -0.0000858511      VCV zz 0.0001344067

GPSVEC TP Point ID 46520      DX -7653.384      DY 1811.114
        Class Normal      DZ -2129.920      Code EXT-TN
        Obs L1 Fixed      H.pr 0.025      V.pr 0.048

GPSQC1 NM Min SVs      8      PDOP max 2.0
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 7      VDOP max 1.7
        Monitor status Not monitored      RMS 17.2
        Horz SD      Vert SD
        Start wk 1557 sec 603411.2      End wk 1557 sec 603417.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0084563261
        VCV xx 0.000085872      VCV xy 0.0000567641
        VCV xz -0.0000498936      VCV yy 0.0002362215
        VCV yz -0.000083698      VCV zz 0.0001320207

GPSVEC TP Point ID 46521      DX -7652.238      DY 1807.727
        Class Normal      DZ -2133.390      Code R-177-EXT
        Obs L1 Fixed      H.pr 0.025      V.pr 0.048

GPSQC1 NM Min SVs      8      PDOP max 2.0
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 13.9
        Horz SD      Vert SD
        Start wk 1557 sec 603431.2      End wk 1557 sec 603436.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0084077623
        VCV xx 0.0000849548      VCV xy 0.0000560253
        VCV xz -0.0000493245      VCV yy 0.0002327499
        VCV yz -0.0000829174      VCV zz 0.0001311149

GPSVEC TP Point ID 46522      DX -7651.303      DY 1805.649
        Class Normal      DZ -2135.332      Code R-177-EXT
        Obs L1 Fixed      H.pr 0.024      V.pr 0.048

GPSQC1 NM Min SVs      8      PDOP max 2.0
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 13.6
        Horz SD      Vert SD
        Start wk 1557 sec 603445.4      End wk 1557 sec 603450.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.008371003
        VCV xx 0.0000842518      VCV xy 0.0000554701
        VCV xz -0.0000488956      VCV yy 0.0002301246
        VCV yz -0.0000823436      VCV zz 0.0001304952

GPSVEC TP Point ID 46523      DX -7642.572      DY 1803.879
        Class Normal      DZ -2125.916      Code R-177-PS
        Obs L1 Fixed      H.pr 0.024      V.pr 0.048

GPSQC1 NM Min SVs      8      PDOP max 2.0
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 13.6
        Horz SD      Vert SD
        Start wk 1557 sec 603463.8      End wk 1557 sec 603468.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083632246
        VCV xx 0.0000841554      VCV xy 0.000055278
        VCV xz -0.000048791      VCV yy 0.0002289152
        VCV yz -0.0000823308      VCV zz 0.0001308555

GPSVEC TP Point ID 46524      DX -7648.856      DY 1800.991
        Class Normal      DZ -2139.699      Code EXT
        Obs L1 Fixed      H.pr 0.024      V.pr 0.048

GPSQC1 NM Min SVs      8      PDOP max 2.0
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 15.3
        Horz SD      Vert SD
        Start wk 1557 sec 603482.8      End wk 1557 sec 603487.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083419764
        VCV xx 0.0000837753      VCV xy 0.0000549058
        VCV xz -0.0000485282      VCV yy 0.0002269446
        VCV yz -0.0000820692      VCV zz 0.0001308094

GPSVEC TP Point ID 46525      DX -7646.727      DY 1797.934
        Class Normal      DZ -2142.103      Code EXT
        Obs L1 Fixed      H.pr 0.024      V.pr 0.047
    
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GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       15.3
          Horz SD                               Vert SD
          Start wk 1557 sec 603493.0          End wk 1557 sec 603498.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083262678
          VCV xx  0.0000834443       VCV xy  0.000054672
          VCV xz  -0.0000483505       VCV yy  0.0002256952
          VCV yz  -0.0000819195       VCV zz  0.0001306357

GPSVEC TP Point ID 46526          DX  -7631.249          DY  1777.490
          Class Normal              DZ  -2158.238          Code R-178-EXT
          Obs L1 Fixed              H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  7        VDOP max  1.7
          Monitor status Not monitored RMS       13.8
          Horz SD                               Vert SD
          Start wk 1557 sec 603542.4          End wk 1557 sec 603548.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0083107026
          VCV xx  0.0000832886       VCV xy  0.0000541696
          VCV xz  -0.0000480523       VCV yy  0.0002224699
          VCV yz  -0.0000818193       VCV zz  0.0001317715

GPSVEC TP Point ID 46527          DX  -7630.010          DY  1776.039
          Class Normal              DZ  -2159.255          Code R-178-EXT
          Obs L1 Fixed              H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  2.0
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  5        VDOP max  1.7
          Monitor status Not monitored RMS       17.2
          Horz SD                               Vert SD
          Start wk 1557 sec 603553.4          End wk 1557 sec 603558.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082677593
          VCV xx  0.0000824055       VCV xy  0.0000535564
          VCV xz  -0.0000475439       VCV yy  0.0002197201
          VCV yz  -0.0000810857       VCV zz  0.0001307173

GPSVEC TP Point ID 46528          DX  -7626.812          DY  1776.876
          Class Normal              DZ  -2154.197          Code R-178-PS
          Obs L1 Fixed              H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       15.2
          Horz SD                               Vert SD
          Start wk 1557 sec 603570.6          End wk 1557 sec 603575.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082669994
          VCV xx  0.0000823914       VCV xy  0.000053454
          VCV xz  -0.0000474967       VCV yy  0.0002188913
          VCV yz  -0.0000811851       VCV zz  0.0001312073

GPSVEC TP Point ID 46529          DX  -7619.557          DY  1775.678
          Class Normal              DZ  -2144.738          Code DS-41\R-178-PS
          Obs L1 Fixed              H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  7        VDOP max  1.7
          Monitor status Not monitored RMS       13.4
          Horz SD                               Vert SD
          Start wk 1557 sec 603600.0          End wk 1557 sec 603605.8

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082616657
          VCV xx  0.0000822983       VCV xy  0.000053199
          VCV xz  -0.0000473437       VCV yy  0.0002171597
          VCV yz  -0.0000812052       VCV zz  0.000131929

GPSVEC TP Point ID 46530          DX  -7615.935          DY  1775.228
          Class Normal              DZ  -2140.038          Code DS-41\R-178-PS
          Obs L1 Fixed              H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       16.8
          Horz SD                               Vert SD
          Start wk 1557 sec 603613.0          End wk 1557 sec 603618.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0082261348
          VCV xx  0.0000815371       VCV xy  0.000052689
          VCV xz  -0.0000469188       VCV yy  0.0002147882
          VCV yz  -0.0000806524       VCV zz  0.0001311207

GPSVEC TP Point ID 46531          DX  -7577.739          DY  1735.720
          Class Normal              DZ  -2177.859          Code DS-48\R-175-EXT
          Obs L1 Fixed              H.pr 0.024          V.pr 0.047

GPSQC1 NM Min SVs      8          PDOP max  1.9
          Relative DOPs Yes       HDOP max  0.9
          Total GPS pos  6        VDOP max  1.7
          Monitor status Not monitored RMS       17.2
          Horz SD                               Vert SD
          Start wk 1557 sec 603669.4          End wk 1557 sec 603674.4
    
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GPSQC2 NM Ttl satellites 8 Err Scale 0.0082578445
          VCV xx 0.0000821258 VCV xy 0.0000527944
          VCV xz -0.0000470572 VCV yy 0.0002135028
          VCV yz -0.0000815249 VCV zz 0.0001338066

GPSVEC TP Point ID 46532 DX -7577.530 DY 1735.314
          Class Normal DZ -2178.190 Code DS-48\R-175-S
          Obs L1 Fixed H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 13.3
          Horz SD Vert SD
          Start wk 1557 sec 603683.4 End wk 1557 sec 603688.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082510179
          VCV xx 0.0000819055 VCV xy 0.0000526238
          VCV xz -0.0000469388 VCV yy 0.0002125077
          VCV yz -0.0000815264 VCV zz 0.0001339477

GPSVEC TP Point ID 46533 DX -7577.422 DY 1735.032
          Class Normal DZ -2178.482 Code DS-48\R-175-S
          Obs L1 Fixed H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 16.8
          Horz SD Vert SD
          Start wk 1557 sec 603692.6 End wk 1557 sec 603697.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082276808
          VCV xx 0.0000814173 VCV xy 0.0000522595
          VCV xz -0.0000466415 VCV yy 0.000210877
          VCV yz -0.0000811017 VCV zz 0.0001334323

GPSVEC TP Point ID 46534 DX -7573.898 DY 1732.993
          Class Normal DZ -2178.867 Code DS-48\R-175-S
          Obs L1 Fixed H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 7 VDOP max 1.7
          Monitor status Not monitored RMS 13.3
          Horz SD Vert SD
          Start wk 1557 sec 603702.8 End wk 1557 sec 603708.6

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082176048
          VCV xx 0.0000811692 VCV xy 0.0000520506
          VCV xz -0.0000464854 VCV yy 0.0002098461
          VCV yz -0.0000809491 VCV zz 0.0001333663

GPSVEC TP Point ID 46535 DX -7573.481 DY 1732.989
          Class Normal DZ -2178.657 Code DS-48\R-175-S
          Obs L1 Fixed H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 17.3
          Horz SD Vert SD
          Start wk 1557 sec 603713.8 End wk 1557 sec 603718.8

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082604727
          VCV xx 0.0000818905 VCV xy 0.0000525722
          VCV xz -0.0000469585 VCV yy 0.0002116082
          VCV yz -0.0000820303 VCV zz 0.000135035

GPSVEC TP Point ID 46536 DX -7572.846 DY 1732.866
          Class Normal DZ -2178.494 Code DS-48\R-175-EXT
          Obs L1 Fixed H.pr 0.024 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 15.1
          Horz SD Vert SD
          Start wk 1557 sec 603726.8 End wk 1557 sec 603732.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0082386164
          VCV xx 0.0000814436 VCV xy 0.0000521924
          VCV xz -0.0000466434 VCV yy 0.0002098288
          VCV yz -0.0000815741 VCV zz 0.0001346429

GPSVEC TP Point ID 46537 DX -7519.030 DY 1710.165
          Class Normal DZ -2174.729 Code EXT-TN
          Obs L1 Fixed H.pr 0.024 V.pr 0.046

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 13.3
          Horz SD Vert SD
          Start wk 1557 sec 603831.4 End wk 1557 sec 603836.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.008163956
          VCV xx 0.0000768574 VCV xy 0.000046088
          VCV xz -0.0000450926 VCV yy 0.0001993673
          VCV yz -0.0000809706 VCV zz 0.0001384111
    
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GPSVEC TP Point ID 46538      DX -7501.467      DY 1703.464
        Class Normal      DZ -2172.724      Code EXT-PS
        Obs L1 Fixed      H.pr 0.024      V.pr 0.046

GPSQC1 NM Min SVs      8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 13.2
        Horz SD      Vert SD
        Start wk 1557 sec 603848.6      End wk 1557 sec 603853.6

GPSQC2 NM Ttl satellites 8      Err Scale 0.0081593664
        VCV xx 0.0000765558      VCV xy 0.0000458444
        VCV xz -0.0000449473      VCV yy 0.000198285
        VCV yz -0.0000810199      VCV zz 0.0001387177

GPSVEC TP Point ID 46539      DX -7498.343      DY 1702.291
        Class Normal      DZ -2172.316      Code EXT-TN
        Obs L1 Fixed      H.pr 0.025      V.pr 0.047

GPSQC1 NM Min SVs      8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 16.5
        Horz SD      Vert SD
        Start wk 1557 sec 603862.8      End wk 1557 sec 603867.8

GPSQC2 NM Ttl satellites 8      Err Scale 0.0083806049
        VCV xx 0.0000808944      VCV xy 0.0000494231
        VCV xz -0.0000474746      VCV yy 0.0002090346
        VCV yz -0.0000860928      VCV zz 0.0001458225

GPSVEC TP Point ID 46540      DX -7480.487      DY 1695.727
        Class Normal      DZ -2170.028      Code EXT-PS
        Obs L1 Fixed      H.pr 0.024      V.pr 0.046

GPSQC1 NM Min SVs      8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 16.8
        Horz SD      Vert SD
        Start wk 1557 sec 603889.0      End wk 1557 sec 603894.0

GPSQC2 NM Ttl satellites 8      Err Scale 0.0082068751
        VCV xx 0.0000782658      VCV xy 0.0000480302
        VCV xz -0.0000452745      VCV yy 0.0001988139
        VCV yz -0.0000818455      VCV zz 0.0001396819

GPSVEC TP Point ID 46541      DX -7477.390      DY 1694.588
        Class Normal      DZ -2169.578      Code EXT-TN
        Obs L1 Fixed      H.pr 0.024      V.pr 0.046

GPSQC1 NM Min SVs      8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 15.3
        Horz SD      Vert SD
        Start wk 1557 sec 603902.2      End wk 1557 sec 603907.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.008208747
        VCV xx 0.0000784004      VCV xy 0.0000483064
        VCV xz -0.0000452242      VCV yy 0.0001983062
        VCV yz -0.00008185      VCV zz 0.0001396918

GPSVEC TP Point ID 46542      DX -7459.604      DY 1688.186
        Class Normal      DZ -2167.190      Code EXT-PS
        Obs L1 Fixed      H.pr 0.024      V.pr 0.046

GPSQC1 NM Min SVs      8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 15.3
        Horz SD      Vert SD
        Start wk 1557 sec 603920.2      End wk 1557 sec 603925.2

GPSQC2 NM Ttl satellites 8      Err Scale 0.0081922002
        VCV xx 0.0000781452      VCV xy 0.0000484289
        VCV xz -0.0000449477      VCV yy 0.0001966819
        VCV yz -0.0000815655      VCV zz 0.0001391119

GPSVEC TP Point ID 46543      DX -7456.594      DY 1687.082
        Class Normal      DZ -2166.834      Code EXT-TN
        Obs L1 Fixed      H.pr 0.024      V.pr 0.046

GPSQC1 NM Min SVs      8      PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6      VDOP max 1.7
        Monitor status Not monitored      RMS 15.3
        Horz SD      Vert SD
        Start wk 1557 sec 603934.2      End wk 1557 sec 603939.4

GPSQC2 NM Ttl satellites 8      Err Scale 0.0081854863
        VCV xx 0.0000780367      VCV xy 0.0000485121
        VCV xz -0.0000447762      VCV yy 0.0001955953
        VCV yz -0.0000814067      VCV zz 0.0001389161

GPSVEC TP Point ID 46544      DX -7449.845      DY 1684.687
        Class Normal      DZ -2165.889      Code EXT
        Obs L1 Fixed      H.pr 0.024      V.pr 0.046
    
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GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	14.3
		Horz SD		Vert SD	
		Start wk 1557 sec	603949.4	End wk 1557 sec	603954.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0082669323
		VCV xx	0.0000794908	VCV xy	0.0000497104
		VCV xz	-0.0000456153	VCV yy	0.0001989003
		VCV yz	-0.0000832941	VCV zz	0.0001417572
GPSVEC	TP	Point ID 46545		DX -7449.140	DY 1684.605
		Class Normal		DZ -2165.596	Code EXT
		Obs L1 Fixed		H.pr 0.024	V.pr 0.046
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	16.8
		Horz SD		Vert SD	
		Start wk 1557 sec	603958.4	End wk 1557 sec	603963.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0081921192
		VCV xx	0.0000781493	VCV xy	0.0000487766
		VCV xz	-0.0000446875	VCV yy	0.0001946723
		VCV yz	-0.0000815229	VCV zz	0.0001392929
GPSVEC	TP	Point ID 46546		DX -7448.398	DY 1684.197
		Class Normal		DZ -2165.658	Code EXT
		Obs L1 Fixed		H.pr 0.024	V.pr 0.046
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1557 sec	603967.4	End wk 1557 sec	603972.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0081921741
		VCV xx	0.0000780946	VCV xy	0.0000488313
		VCV xz	-0.0000446442	VCV yy	0.0001942714
		VCV yz	-0.0000815996	VCV zz	0.0001393781
GPSVEC	TP	Point ID 46547		DX -7438.697	DY 1680.619
		Class Normal		DZ -2164.250	Code EXT-PS
		Obs L1 Fixed		H.pr 0.024	V.pr 0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.3
		Horz SD		Vert SD	
		Start wk 1557 sec	603983.4	End wk 1557 sec	603988.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0081607904
		VCV xx	0.0000774325	VCV xy	0.0000484902
		VCV xz	-0.0000441878	VCV yy	0.0001919421
		VCV yz	-0.0000809602	VCV zz	0.0001384629
GPSVEC	TP	Point ID 46548		DX -7435.844	DY 1679.558
		Class Normal		DZ -2163.869	Code EXT-TN
		Obs L1 Fixed		H.pr 0.024	V.pr 0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	15.0
		Horz SD		Vert SD	
		Start wk 1557 sec	603998.4	End wk 1557 sec	604003.6
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0081671309
		VCV xx	0.000077451	VCV xy	0.0000485747
		VCV xz	-0.0000441517	VCV yy	0.0001914586
		VCV yz	-0.0000811119	VCV zz	0.0001388358
GPSVEC	TP	Point ID 46549		DX -7417.974	DY 1672.903
		Class Normal		DZ -2161.591	Code EXT-PS
		Obs L1 Fixed		H.pr 0.024	V.pr 0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	15.0
		Horz SD		Vert SD	
		Start wk 1557 sec	604024.8	End wk 1557 sec	604029.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0081899501
		VCV xx	0.0000776816	VCV xy	0.0000488206
		VCV xz	-0.0000441908	VCV yy	0.0001910507
		VCV yz	-0.0000815885	VCV zz	0.0001399458
GPSVEC	TP	Point ID 46550		DX -7414.889	DY 1671.778
		Class Normal		DZ -2161.181	Code EXT-TN
		Obs L1 Fixed		H.pr 0.024	V.pr 0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.7
		Monitor status	Not monitored	RMS	13.2
		Horz SD		Vert SD	
		Start wk 1557 sec	604037.8	End wk 1557 sec	604042.8

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GPSQC2 NM Ttl satellites 8 Err Scale 0.0081806872
          VCV xx 0.0000773608 VCV xy 0.0000486784
          VCV xz -0.0000440076 VCV yy 0.000189982
          VCV yz -0.0000814835 VCV zz 0.0001397992

GPSVEC TP Point ID 46551 DX -7397.027 DY 1665.273
          Class Normal DZ -2158.772 Code EXT-PS
          Obs L1 Fixed H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 13.2
          Horz SD Vert SD
          Start wk 1557 sec 604055.0 End wk 1557 sec 604060.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081630973
          VCV xx 0.0000768632 VCV xy 0.0000483857
          VCV xz -0.0000436742 VCV yy 0.0001881872
          VCV yz -0.0000811111 VCV zz 0.0001394128

GPSVEC TP Point ID 46552 DX -7393.975 DY 1664.147
          Class Normal DZ -2158.359 Code EXT-TN
          Obs L1 Fixed H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 16.7
          Horz SD Vert SD
          Start wk 1557 sec 604068.0 End wk 1557 sec 604073.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081742909
          VCV xx 0.0000769207 VCV xy 0.0000484519
          VCV xz -0.0000436942 VCV yy 0.0001880049
          VCV yz -0.0000813635 VCV zz 0.000139963

GPSVEC TP Point ID 46553 DX -7376.139 DY 1657.926
          Class Normal DZ -2155.484 Code EXT-PS
          Obs L1 Fixed H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 7 VDOP max 1.7
          Monitor status Not monitored RMS 15.3
          Horz SD Vert SD
          Start wk 1557 sec 604087.2 End wk 1557 sec 604093.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081592258
          VCV xx 0.0000764119 VCV xy 0.0000481597
          VCV xz -0.0000433655 VCV yy 0.0001861818
          VCV yz -0.0000810779 VCV zz 0.0001397359

GPSVEC TP Point ID 46554 DX -7372.962 DY 1656.746
          Class Normal DZ -2155.069 Code EXT-TN
          Obs L1 Fixed H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 15.0
          Horz SD Vert SD
          Start wk 1557 sec 604102.0 End wk 1557 sec 604107.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081471596
          VCV xx 0.0000760167 VCV xy 0.000047934
          VCV xz -0.0000431299 VCV yy 0.0001848913
          VCV yz -0.0000808751 VCV zz 0.0001395293

GPSVEC TP Point ID 46555 DX -7355.262 DY 1650.326
          Class Normal DZ -2152.854 Code EXT-PS
          Obs L1 Fixed H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 15.0
          Horz SD Vert SD
          Start wk 1557 sec 604132.4 End wk 1557 sec 604137.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081468495
          VCV xx 0.0000756229 VCV xy 0.0000477076
          VCV xz -0.0000428412 VCV yy 0.0001830434
          VCV yz -0.0000808533 VCV zz 0.0001399719

GPSVEC TP Point ID 46556 DX -7352.237 DY 1649.093
          Class Normal DZ -2152.514 Code EXT-TN
          Obs L1 Fixed H.pr 0.024 V.pr 0.045

GPSQC1 NM Min SVs 8 PDOP max 1.9
          Relative DOPs Yes HDOP max 0.9
          Total GPS pos 6 VDOP max 1.7
          Monitor status Not monitored RMS 15.2
          Horz SD Vert SD
          Start wk 1557 sec 604145.4 End wk 1557 sec 604150.4

GPSQC2 NM Ttl satellites 8 Err Scale 0.0081215892
          VCV xx 0.0000749826 VCV xy 0.0000473063
          VCV xz -0.0000424641 VCV yy 0.0001811924
          VCV yz -0.0000803454 VCV zz 0.0001392664
    
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GPSVEC TP Point ID 46557      DX -7334.420      DY 1642.423
        Class Normal      DZ -2150.357      Code EXT-PS
        Obs L1 Fixed      H.pr 0.024      V.pr 0.044

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 14.9
        Horz SD              Vert SD
        Start wk 1557 sec 604163.4 End wk 1557 sec 604168.4

GPSQC2 NM Ttl satellites 8          Err Scale 0.0081152832
        VCV xx 0.0000745981    VCV xy 0.000047093
        VCV xz -0.0000422437   VCV yy 0.0001799173
        VCV yz -0.0000802596   VCV zz 0.0001392914

GPSVEC TP Point ID 46558      DX -7331.257      DY 1641.264
        Class Normal      DZ -2149.916      Code EXT-TN
        Obs L1 Fixed      H.pr 0.024      V.pr 0.044

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 16.7
        Horz SD              Vert SD
        Start wk 1557 sec 604179.6 End wk 1557 sec 604184.6

GPSQC2 NM Ttl satellites 8          Err Scale 0.008099325
        VCV xx 0.0000740906    VCV xy 0.0000467812
        VCV xz -0.0000419408   VCV yy 0.0001783372
        VCV yz -0.0000799535   VCV zz 0.000138973

GPSVEC TP Point ID 46559      DX -7313.431      DY 1634.874
        Class Normal      DZ -2147.524      Code EXT-PS
        Obs L1 Fixed      H.pr 0.029      V.pr 0.042

GPSQC1 NM Min SVs          7                PDOP max 2.1
        Relative DOPs Yes      HDOP max 1.2
        Total GPS pos 6        VDOP max 1.8
        Monitor status Not monitored RMS 12.2
        Horz SD              Vert SD
        Start wk 1557 sec 604198.0 End wk 1557 sec 604203.0

GPSQC2 NM Ttl satellites 7          Err Scale 0.0077459668
        VCV xx 0.0000786412    VCV xy 0.0000517789
        VCV xz -0.000043522    VCV yy 0.000184817
        VCV yz -0.0000824433   VCV zz 0.0001413606

GPSVEC TP Point ID 46560      DX -7310.246      DY 1633.688
        Class Normal      DZ -2147.114      Code EXT-TN
        Obs L1 Fixed      H.pr 0.024      V.pr 0.044

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 16.9
        Horz SD              Vert SD
        Start wk 1557 sec 604211.0 End wk 1557 sec 604216.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0080417516
        VCV xx 0.0000707302    VCV xy 0.0000428858
        VCV xz -0.0000408859   VCV yy 0.0001732616
        VCV yz -0.0000793366   VCV zz 0.0001400832

GPSVEC TP Point ID 46561      DX -7292.513      DY 1627.255
        Class Normal      DZ -2144.556      Code EXT-PS
        Obs L1 Fixed      H.pr 0.024      V.pr 0.044

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 16.9
        Horz SD              Vert SD
        Start wk 1557 sec 604234.0 End wk 1557 sec 604239.0

GPSQC2 NM Ttl satellites 8          Err Scale 0.0080820071
        VCV xx 0.0000714376    VCV xy 0.0000436914
        VCV xz -0.0000411045   VCV yy 0.0001738099
        VCV yz -0.0000800311   VCV zz 0.0001412615

GPSVEC TP Point ID 46562      DX -7289.413      DY 1626.080
        Class Normal      DZ -2144.138      Code EXT-TN
        Obs L1 Fixed      H.pr 0.024      V.pr 0.044

GPSQC1 NM Min SVs          8                PDOP max 1.9
        Relative DOPs Yes      HDOP max 0.9
        Total GPS pos 6        VDOP max 1.7
        Monitor status Not monitored RMS 13.4
        Horz SD              Vert SD
        Start wk 1557 sec 604247.2 End wk 1557 sec 604252.2

GPSQC2 NM Ttl satellites 8          Err Scale 0.0080959639
        VCV xx 0.0000717028    VCV xy 0.0000441016
        VCV xz -0.0000411613   VCV yy 0.0001738313
        VCV yz -0.0000802859   VCV zz 0.0001415891

NOTE TS Time Date 11/14/2009 Time 15:51:43

GPSVEC TP Point ID 46563      DX -7101.182      DY 1557.800
        Class Normal      DZ -2118.670      Code EXT-TN
        Obs L1 Fixed      H.pr 0.024      V.pr 0.044
    
```

GPSQC1	NM	Min SVs	7	PDOP max	2.0
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.8
		Monitor status	Not monitored	RMS	14.1
		Horz SD		Vert SD	
		Start wk 1557 sec	604313.6	End wk 1557 sec	604319.4
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0081902379
		VCV xx	0.000072817	VCV xy	0.0000453593
		VCV xz	-0.0000414607	VCV yy	0.0001740195
		VCV yz	-0.0000819188	VCV zz	0.0001449983
GPSVEC	TP	Point ID 46564		DY	1593.116
		Class Normal		Code DS-31\R-148-PS	
		Obs L1 Fixed	H.pr 0.025	V.pr	0.045
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	13.5
		Horz SD		Vert SD	
		Start wk 1557 sec	604439.0	End wk 1557 sec	604444.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0083840499
		VCV xx	0.0000764247	VCV xy	0.0000482252
		VCV xz	-0.0000432667	VCV yy	0.0001693336
		VCV yz	-0.0000864907	VCV zz	0.0001562877
GPSVEC	TP	Point ID 46565		DY	1594.839
		Class Normal		Code DS-31\R-148-PS	
		Obs L1 Fixed	H.pr 0.025	V.pr	0.044
GPSQC1	NM	Min SVs	8	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	15.3
		Horz SD		Vert SD	
		Start wk 1557 sec	604454.0	End wk 1557 sec	604459.0
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0083315186
		VCV xx	0.0000749751	VCV xy	0.0000473469
		VCV xz	-0.0000423694	VCV yy	0.0001671286
		VCV yz	-0.0000850975	VCV zz	0.0001537893
GPSVEC	TP	Point ID 46566		DY	1602.982
		Class Normal		Code DS-32\R-149-PS	
		Obs L1 Fixed	H.pr 0.025	V.pr	0.044
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	13.6
		Horz SD		Vert SD	
		Start wk 1557 sec	604478.2	End wk 1557 sec	604483.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0083925352
		VCV xx	0.0000750794	VCV xy	0.0000476436
		VCV xz	-0.0000424749	VCV yy	0.0001696536
		VCV yz	-0.0000862497	VCV zz	0.0001552469
GPSVEC	TP	Point ID 46567		DY	1601.302
		Class Normal		Code DS-32\R-149-PS	
		Obs L1 Fixed	H.pr 0.025	V.pr	0.044
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	13.9
		Horz SD		Vert SD	
		Start wk 1557 sec	604489.2	End wk 1557 sec	604494.2
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0083950916
		VCV xx	0.0000747719	VCV xy	0.0000475114
		VCV xz	-0.0000423116	VCV yy	0.0001696065
		VCV yz	-0.00008625	VCV zz	0.0001551186
GPSVEC	TP	Point ID 46568		DY	1767.309
		Class Normal		Code R-154-S	
		Obs L1 Fixed	H.pr 0.027	V.pr	0.047
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	16.5
		Horz SD		Vert SD	
		Start wk 1557 sec	604653.8	End wk 1557 sec	604658.8
GPSQC2	NM	Ttl satellites	8	Err Scale	0.0090233125
		VCV xx	0.0000813628	VCV xy	0.0000525483
		VCV xz	-0.0000461944	VCV yy	0.00018725
		VCV yz	-0.0000991436	VCV zz	0.0001786656
GPSVEC	TP	Point ID 46569		DY	1754.565
		Class Normal		Code DS-39\R-157-PS	
		Obs L1 Fixed	H.pr 0.027	V.pr	0.047
GPSQC1	NM	Min SVs	8	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	0.9
		Total GPS pos	6	VDOP max	1.6
		Monitor status	Not monitored	RMS	14.9
		Horz SD		Vert SD	
		Start wk 1557 sec	604690.0	End wk 1557 sec	604695.0

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GPSQC2 NM Ttl satellites 8 Err Scale 0.009085333
VCV xx 0.0000813644 VCV xy 0.0000527485
VCV xz -0.0000462826 VCV yy 0.0001878735
VCV yz -0.0001004553 VCV zz 0.0001810211

GPSVEEC TP Point ID 46570 DX -7522.769 DY 1752.858
Class Normal DZ -2055.389 Code DS-39\R-157-PS
Obs L1 Fixed H.pr 0.027 V.pr 0.047

GPSQC1 NM Min SVs 8 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.6
Monitor status Not monitored RMS 16.6
Horz SD Vert SD
Start wk 1557 sec 604703.0 End wk 1557 sec 604708.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0090758065
VCV xx 0.0000808059 VCV xy 0.0000524597
VCV xz -0.0000460151 VCV yy 0.0001868147
VCV yz -0.0001002646 VCV zz 0.0001806311

GPSVEEC SO Point ID 46571 DX -7831.599 DY 1795.289
Class Stake out DZ -2248.844 Code CP-501-11-14-09-
Obs L1 Fixed H.pr 0.029 V.pr 0.050

F-CODE SO Code CP-501-11-14-09-POSTCHK#2

GPSQC1 NM Min SVs 8 PDOP max 1.8
Relative DOPs Yes HDOP max 0.9
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 16.3
Horz SD Vert SD
Start wk 1558 sec 56.0 End wk 1558 sec 61.0

GPSQC2 NM Ttl satellites 8 Err Scale 0.0098921778
VCV xx 0.0000907668 VCV xy 0.0000599027
VCV xz -0.0000520764 VCV yy 0.0002106175
VCV yz -0.0001188166 VCV zz 0.0002148425

PT DGN SO Name CP-501 To the Point

GRID D SO Delta N 0.038 Delta E -0.059
Delta Elv -0.038

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 11/17/2009 Time 07:10:47

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 Measurement True

GPSPOS FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver 4700 Serial no <no text>
Antenna Micro-centered L1/L2 w/Ground
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 0.207 Measurement True

GPSREF KI Reference 01

INIT KI Init event Gained Week 1558
Init type On the fly seconds 227535.0
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 Lost Week 1558
Init type On the fly seconds 227536.0
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 1558
Init type On the fly seconds 227538.0
Init counter 4 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=4.020

GPSANT KI Antenna ht 6.562 Measurement Uncorrected
    
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GPSVEC TP Point ID 46572      DX -7595.313      DY 1915.785
        Class Normal      DZ -1968.860      Code EXT-R-TN
        Obs L1 Fixed      H.pr 0.037      V.pr 0.062

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 13.1
        Horz SD              Vert SD
        Start wk 1558 sec 228422.4 End wk 1558 sec 228427.4

GPSQC2 NM Ttl satellites 5          Err Scale 0.0081344629
        VCV xx 0.0001157137    VCV xy 0.000086239
        VCV xz -0.0000580262    VCV yy 0.0004183787
        VCV yz -0.000224727    VCV zz 0.0002735265

GPSVEC TP Point ID 46573      DX -7595.272      DY 1916.629
        Class Normal      DZ -1967.838      Code EXT-R-TN
        Obs L1 Fixed      H.pr 0.038      V.pr 0.063

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 15.0
        Horz SD              Vert SD
        Start wk 1558 sec 228471.6 End wk 1558 sec 228476.6

GPSQC2 NM Ttl satellites 5          Err Scale 0.008289543
        VCV xx 0.0001194044    VCV xy 0.0000880717
        VCV xz -0.0000609958    VCV yy 0.0004274247
        VCV yz -0.0002294535    VCV zz 0.0002840367

GPSVEC TP Point ID 46574      DX -7594.043      DY 1916.548
        Class Normal      DZ -1967.144      Code EXT-R-TN
        Obs L1 Fixed      H.pr 0.038      V.pr 0.062

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 16.9
        Horz SD              Vert SD
        Start wk 1558 sec 228485.6 End wk 1558 sec 228490.6

GPSQC2 NM Ttl satellites 5          Err Scale 0.0082825348
        VCV xx 0.0001189533    VCV xy 0.000087503
        VCV xz -0.0000609897    VCV yy 0.0004248803
        VCV yz -0.0002279794    VCV zz 0.0002834087

GPSVEC TP Point ID 46575      DX -7587.194      DY 1920.924
        Class Normal      DZ -1958.019      Code EXT-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060

GPSQC1 NM Min SVs          5                PDOP max 2.7
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.3
        Monitor status Not monitored RMS 13.4
        Horz SD              Vert SD
        Start wk 1558 sec 228629.2 End wk 1558 sec 228634.2

GPSQC2 NM Ttl satellites 5          Err Scale 0.0081129074
        VCV xx 0.0001118163    VCV xy 0.0000795914
        VCV xz -0.0000594446    VCV yy 0.0003899826
        VCV yz -0.0002075846    VCV zz 0.0002706288

GPSVEC TP Point ID 46576      DX -7585.814      DY 1919.837
        Class Normal      DZ -1958.531      Code TOE-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060

GPSQC1 NM Min SVs          5                PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 5        VDOP max 2.3
        Monitor status Not monitored RMS 13.0
        Horz SD              Vert SD
        Start wk 1558 sec 228657.4 End wk 1558 sec 228662.4

GPSQC2 NM Ttl satellites 5          Err Scale 0.0080839088
        VCV xx 0.0001105002    VCV xy 0.0000781684
        VCV xz -0.000059093     VCV yy 0.0003837469
        VCV yz -0.0002038317    VCV zz 0.0002683543

GPSVEC TP Point ID 46577      DX -7581.959      DY 1924.163
        Class Normal      DZ -1951.199      Code EXT-TN
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060

GPSQC1 NM Min SVs          5                PDOP max 2.6
        Relative DOPs Yes      HDOP max 1.4
        Total GPS pos 6        VDOP max 2.2
        Monitor status Not monitored RMS 14.8
        Horz SD              Vert SD
        Start wk 1558 sec 228676.6 End wk 1558 sec 228681.6

GPSQC2 NM Ttl satellites 5          Err Scale 0.0081210472
        VCV xx 0.000111211     VCV xy 0.0000783522
        VCV xz -0.0000597071    VCV yy 0.0003851229
        VCV yz -0.0002042669    VCV zz 0.0002706993

GPSVEC TP Point ID 46578      DX -7574.495      DY 1928.772
        Class Normal      DZ -1941.413      Code EXT-PS
        Obs L1 Fixed      H.pr 0.037      V.pr 0.060
    
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GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	13.2
		Horz SD		Vert SD	
		Start wk 1558 sec	228696.8	End wk 1558 sec	228702.6
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0081158448
		VCV xx	0.0001106879	VCV xy	0.0000776346
		VCV xz	-0.0000596772	VCV yy	0.000382166
		VCV yz	-0.0002023639	VCV zz	0.0002700562
GPSVEC	TP	Point ID 46579	DX -7569.669	DY	1931.897
		Class Normal	DZ -1934.971	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.037	V.pr	0.059
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	16.7
		Horz SD		Vert SD	
		Start wk 1558 sec	228730.0	End wk 1558 sec	228735.8
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0081221443
		VCV xx	0.0001103401	VCV xy	0.000076801
		VCV xz	-0.0000599414	VCV yy	0.0003789658
		VCV yz	-0.0002001251	VCV zz	0.0002702574
GPSVEC	TP	Point ID 46580	DX -7502.059	DY	1976.356
		Class Normal	DZ -1842.229	Code	EXT-STOP
		Obs L1 Fixed	H.pr 0.038	V.pr	0.061
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	15.2
		Horz SD		Vert SD	
		Start wk 1558 sec	228780.2	End wk 1558 sec	228785.2
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0083435848
		VCV xx	0.0001155897	VCV xy	0.0000795158
		VCV xz	-0.0000635458	VCV yy	0.0003937599
		VCV yz	-0.0002070371	VCV zz	0.0002848364
GPSVEC	TP	Point ID 46581	DX -7508.523	DY	1972.049
		Class Normal	DZ -1851.078	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.038	V.pr	0.061
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	13.8
		Horz SD		Vert SD	
		Start wk 1558 sec	228797.2	End wk 1558 sec	228802.2
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0083834194
		VCV xx	0.0001164051	VCV xy	0.0000797939
		VCV xz	-0.0000642162	VCV yy	0.0003955499
		VCV yz	-0.0002076466	VCV zz	0.0002874852
GPSVEC	TP	Point ID 46582	DX -7513.018	DY	1969.004
		Class Normal	DZ -1857.196	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.038	V.pr	0.060
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	7	VDOP max	2.2
		Monitor status	Not monitored	RMS	13.8
		Horz SD		Vert SD	
		Start wk 1558 sec	228813.4	End wk 1558 sec	228819.4
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0083612092
		VCV xx	0.0001154695	VCV xy	0.0000788439
		VCV xz	-0.0000639466	VCV yy	0.0003913358
		VCV yz	-0.000205089	VCV zz	0.0002857954
GPSVEC	TP	Point ID 46583	DX -7520.972	DY	1963.903
		Class Normal	DZ -1867.919	Code	EXT-TN
		Obs L1 Fixed	H.pr 0.040	V.pr	0.063
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.1
		Horz SD		Vert SD	
		Start wk 1558 sec	228831.6	End wk 1558 sec	228837.4
GPSQC2	NM	Ttl satellites	5	Err Scale	0.0087391417
		VCV xx	0.0001257754	VCV xy	0.0000855409
		VCV xz	-0.0000699408	VCV yy	0.0004250595
		VCV yz	-0.0002223757	VCV zz	0.0003120508
GPSVEC	TP	Point ID 46584	DX -7525.424	DY	1961.009
		Class Normal	DZ -1874.051	Code	EXT-PS
		Obs L1 Fixed	H.pr 0.039	V.pr	0.061
GPSQC1	NM	Min SVs	5	PDOP max	2.6
		Relative DOPs	Yes	HDOP max	1.4
		Total GPS pos	6	VDOP max	2.2
		Monitor status	Not monitored	RMS	17.6
		Horz SD		Vert SD	
		Start wk 1558 sec	228848.6	End wk 1558 sec	228853.6

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GPSQC2 NM Ttl satellites 5 Err Scale 0.0084758801
VCV xx 0.00011802 VCV xy 0.000079989
VCV xz -0.000065872 VCV yy 0.0003978083
VCV yz -0.0002077815 VCV zz 0.0002935035

GPSVEC TP Point ID 46585 DX -7533.198 DY 1955.918
Class Normal DZ -1884.857 Code EXT-TN
Obs L1 Fixed H.pr 0.039 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1558 sec 228865.6 End wk 1558 sec 228870.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0085053267
VCV xx 0.0001185664 VCV xy 0.0000800373
VCV xz -0.0000664641 VCV yy 0.0003985072
VCV yz -0.0002077901 VCV zz 0.0002955418

GPSVEC TP Point ID 46586 DX -7537.628 DY 1952.847
Class Normal DZ -1890.991 Code EXT-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1558 sec 228881.6 End wk 1558 sec 228886.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.0084767072
VCV xx 0.0001174933 VCV xy 0.0000790146
VCV xz -0.0000661257 VCV yy 0.0003938888
VCV yz -0.0002050508 VCV zz 0.0002934553

GPSVEC TP Point ID 46587 DX -7545.500 DY 1948.058
Class Normal DZ -1901.438 Code EXT-TN
Obs L1 Fixed H.pr 0.039 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1558 sec 228897.8 End wk 1558 sec 228903.6

GPSQC2 NM Ttl satellites 5 Err Scale 0.008476547
VCV xx 0.0001171677 VCV xy 0.0000784931
VCV xz -0.0000662167 VCV yy 0.0003917126
VCV yz -0.0002035514 VCV zz 0.0002933372

GPSVEC TP Point ID 46588 DX -7550.142 DY 1945.014
Class Normal DZ -1907.738 Code EXT-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.8
Horz SD Vert SD
Start wk 1558 sec 228916.8 End wk 1558 sec 228921.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0085046478
VCV xx 0.0001176297 VCV xy 0.0000784752
VCV xz -0.0000667886 VCV yy 0.0003920299
VCV yz -0.0002033109 VCV zz 0.0002952991

GPSVEC TP Point ID 46589 DX -7557.825 DY 1939.946
Class Normal DZ -1918.157 Code EXT-TN
Obs L1 Fixed H.pr 0.039 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1558 sec 228936.8 End wk 1558 sec 228941.8

GPSQC2 NM Ttl satellites 5 Err Scale 0.0085055903
VCV xx 0.000117312 VCV xy 0.0000778902
VCV xz -0.0000669631 VCV yy 0.0003896327
VCV yz -0.0002016209 VCV zz 0.0002953412

GPSVEC TP Point ID 46590 DX -7557.342 DY 1881.981
Class Normal DZ -1963.114 Code PS
Obs L1 Fixed H.pr 0.039 V.pr 0.061

GPSQC1 NM Min SVs 5 PDOP max 2.6
Relative DOPs Yes HDOP max 1.4
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.8
Horz SD Vert SD
Start wk 1558 sec 229016.4 End wk 1558 sec 229021.4

GPSQC2 NM Ttl satellites 5 Err Scale 0.008621661
VCV xx 0.0001192188 VCV xy 0.0000775116
VCV xz -0.0000697083 VCV yy 0.0003900889
VCV yz -0.0001999565 VCV zz 0.0003037041
    
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GPSVEC	TP	Point ID 46591	DX -7543.567	DY 1888.359
		Class Normal	DZ -1946.406	Code PS
		Obs L1 Fixed	H.pr 0.040	V.pr 0.061
GPSQC1	NM	Min SVs 5	PDOP max 2.6	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 11	VDOP max 2.1	
		Monitor status Not monitored	RMS 22.2	
		Horz SD	Vert SD	
		Start wk 1558 sec 229056.6	End wk 1558 sec 229066.6	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0086853486	
		VCV xx 0.0001201054	VCV xy 0.0000774057	
		VCV xz -0.0000708728	VCV yy 0.0003906327	
		VCV yz -0.0001991195	VCV zz 0.0003078294	
GPSVEC	TP	Point ID 46592	DX -7530.355	DY 1895.132
		Class Normal	DZ -1929.718	Code PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.063
GPSQC1	NM	Min SVs 5	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 16.8	
		Horz SD	Vert SD	
		Start wk 1558 sec 229098.8	End wk 1558 sec 229103.8	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0089929299	
		VCV xx 0.0001279887	VCV xy 0.0000820952	
		VCV xz -0.0000762036	VCV yy 0.000413345	
		VCV yz -0.0002094746	VCV zz 0.0003311833	
GPSVEC	TP	Point ID 46593	DX -7517.311	DY 1902.462
		Class Normal	DZ -1912.861	Code PS
		Obs L1 Fixed	H.pr 0.041	V.pr 0.062
GPSQC1	NM	Min SVs 5	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 7	VDOP max 2.1	
		Monitor status Not monitored	RMS 14.4	
		Horz SD	Vert SD	
		Start wk 1558 sec 229121.0	End wk 1558 sec 229126.8	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0088731088	
		VCV xx 0.0001243352	VCV xy 0.0000787887	
		VCV xz -0.0000749854	VCV yy 0.0003992693	
		VCV yz -0.0002019126	VCV zz 0.0003221077	
GPSVEC	TP	Point ID 46594	DX -7505.495	DY 1911.194
		Class Normal	DZ -1896.210	Code PS
		Obs L1 Fixed	H.pr 0.042	V.pr 0.064
GPSQC1	NM	Min SVs 5	PDOP max 2.5	
		Relative DOPs Yes	HDOP max 1.4	
		Total GPS pos 6	VDOP max 2.1	
		Monitor status Not monitored	RMS 14.5	
		Horz SD	Vert SD	
		Start wk 1558 sec 229139.8	End wk 1558 sec 229144.8	
GPSQC2	NM	Ttl satellites 5	Err Scale 0.0092486842	
		VCV xx 0.0001347067	VCV xy 0.0000850071	
		VCV xz -0.0000816532	VCV yy 0.0004312068	
		VCV yz -0.0002174498	VCV zz 0.000350147	
GPSVEC	TP	Point ID 46595	DX -7492.231	DY 1918.484
		Class Normal	DZ -1879.528	Code PS
		Obs L1 Fixed	H.pr 0.048	V.pr 0.059
GPSQC1	NM	Min SVs 6	PDOP max 2.0	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 23	VDOP max 1.5	
		Monitor status Not monitored	RMS 36.4	
		Horz SD	Vert SD	
		Start wk 1558 sec 229230.6	End wk 1558 sec 229253.6	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0118800765	
		VCV xx 0.0001419078	VCV xy 0.0000794608	
		VCV xz -0.0000862011	VCV yy 0.0003645356	
		VCV yz -0.000191689	VCV zz 0.0003660301	
NOTE	TS	Time Date 11/17/2009 Time 07:40:58		
GPSVEC	TP	Point ID 46596	DX -7478.960	DY 1925.473
		Class Normal	DZ -1862.872	Code PS
		Obs L1 Fixed	H.pr 0.046	V.pr 0.056
GPSQC1	NM	Min SVs 6	PDOP max 1.9	
		Relative DOPs Yes	HDOP max 1.2	
		Total GPS pos 7	VDOP max 1.5	
		Monitor status Not monitored	RMS 24.3	
		Horz SD	Vert SD	
		Start wk 1558 sec 229268.6	End wk 1558 sec 229274.8	
GPSQC2	NM	Ttl satellites 6	Err Scale 0.0113589494	
		VCV xx 0.0001326087	VCV xy 0.0000738943	
		VCV xz -0.0000811913	VCV yy 0.0003381775	
		VCV yz -0.000177573	VCV zz 0.000344009	
GPSVEC	TP	Point ID 46597	DX -7465.185	DY 1931.816
		Class Normal	DZ -1846.089	Code PS
		Obs L1 Fixed	H.pr 0.047	V.pr 0.058

GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	11	VDOP max	1.5
		Monitor status	Not monitored	RMS	23.5
		Horz SD		Vert SD	
		Start wk 1558 sec	229311.0	End wk 1558 sec	229321.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0116237905
		VCV xx	0.0001385322	VCV xy	0.00000762
		VCV xz	-0.0000865032	VCV yy	0.0003476318
		VCV yz	-0.0001820729	VCV zz	0.0003633345
GPSVEC	TP	Point ID 46598		DX -7499.175	DY 1951.787
		Class Normal		DZ -1859.734	Code DS-51\R-182-PS
		Obs L1 Fixed		H.pr 0.047	V.pr 0.058
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	13	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.5
		Horz SD		Vert SD	
		Start wk 1558 sec	229365.2	End wk 1558 sec	229377.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0117649212
		VCV xx	0.0001414052	VCV xy	0.0000767375
		VCV xz	-0.0000902624	VCV yy	0.0003475485
		VCV yz	-0.0001813165	VCV zz	0.0003767025
GPSVEC	TP	Point ID 46599		DX -7502.350	DY 1955.937
		Class Normal		DZ -1859.255	Code DS-51\R-182-PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.054
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	19.9
		Horz SD		Vert SD	
		Start wk 1558 sec	229404.2	End wk 1558 sec	229409.2
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0109617803
		VCV xx	0.0001225558	VCV xy	0.0000658216
		VCV xz	-0.0000794612	VCV yy	0.0002976383
		VCV yz	-0.0001550409	VCV zz	0.0003290554
GPSVEC	TP	Point ID 46600		DX -7438.266	DY 1896.435
		Class Normal		DZ -1850.173	Code PS
		Obs L1 Fixed		H.pr 0.043	V.pr 0.054
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	21.7
		Horz SD		Vert SD	
		Start wk 1558 sec	229503.6	End wk 1558 sec	229508.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0109281065
		VCV xx	0.0001209435	VCV xy	0.0000631959
		VCV xz	-0.0000819435	VCV yy	0.0002831954
		VCV yz	-0.0001465516	VCV zz	0.0003336671
GPSVEC	TP	Point ID 46601		DX -7450.900	DY 1888.322
		Class Normal		DZ -1867.076	Code PS
		Obs L1 Fixed		H.pr 0.044	V.pr 0.055
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.4
		Horz SD		Vert SD	
		Start wk 1558 sec	229539.6	End wk 1558 sec	229544.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0111807296
		VCV xx	0.0001260859	VCV xy	0.0000655754
		VCV xz	-0.0000864702	VCV yy	0.0002912885
		VCV yz	-0.0001501186	VCV zz	0.0003524185
GPSVEC	TP	Point ID 46602		DX -7463.860	DY 1881.097
		Class Normal		DZ -1883.886	Code PS
		Obs L1 Fixed		H.pr 0.043	V.pr 0.054
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	21.7
		Horz SD		Vert SD	
		Start wk 1558 sec	229557.6	End wk 1558 sec	229562.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.010941078
		VCV xx	0.0001206897	VCV xy	0.0000621867
		VCV xz	-0.0000837548	VCV yy	0.0002770899
		VCV yz	-0.0001428651	VCV zz	0.0003382395
GPSVEC	TP	Point ID 46603		DX -7475.493	DY 1872.167
		Class Normal		DZ -1900.799	Code PS
		Obs L1 Fixed		H.pr 0.043	V.pr 0.054
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.2
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.1
		Horz SD		Vert SD	
		Start wk 1558 sec	229579.0	End wk 1558 sec	229584.0

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0109348763
          VCV xx 0.0001202989 VCV xy 0.000061684
          VCV xz -0.0000842164 VCV yy 0.0002742032
          VCV yz -0.0001411469 VCV zz 0.0003392364

GPSVEC TP Point ID 46604 DX -7488.219 DY 1864.244
          Class Normal DZ -1917.654 Code PS
          Obs L1 Fixed H.pr 0.046 V.pr 0.057

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 21.5
          Horz SD Vert SD
          Start wk 1558 sec 229609.2 End wk 1558 sec 229614.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0115835881
          VCV xx 0.0001346265 VCV xy 0.0000685014
          VCV xz -0.0000955345 VCV yy 0.0003035583
          VCV yz -0.0001559324 VCV zz 0.0003830768

GPSVEC TP Point ID 46605 DX -7500.545 DY 1856.219
          Class Normal DZ -1934.424 Code PS
          Obs L1 Fixed H.pr 0.044 V.pr 0.054

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 20.1
          Horz SD Vert SD
          Start wk 1558 sec 229627.4 End wk 1558 sec 229632.4

GPSQC2 NM Ttl satellites 6 Err Scale 0.0110929441
          VCV xx 0.0001232081 VCV xy 0.0000624235
          VCV xz -0.0000881351 VCV yy 0.0002759928
          VCV yz -0.0001415574 VCV zz 0.0003526366

GPSVEC TP Point ID 46606 DX -7512.865 DY 1848.036
          Class Normal DZ -1951.455 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 22.2
          Horz SD Vert SD
          Start wk 1558 sec 229646.4 End wk 1558 sec 229651.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0109192627
          VCV xx 0.0001191525 VCV xy 0.000060102
          VCV xz -0.0000859433 VCV yy 0.0002651359
          VCV yz -0.0001357887 VCV zz 0.0003430438

GPSVEC TP Point ID 46607 DX -7525.238 DY 1840.091
          Class Normal DZ -1968.266 Code PS
          Obs L1 Fixed H.pr 0.043 V.pr 0.053

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.2
          Horz SD Vert SD
          Start wk 1558 sec 229664.6 End wk 1558 sec 229669.6

GPSQC2 NM Ttl satellites 6 Err Scale 0.0108692646
          VCV xx 0.0001178343 VCV xy 0.0000591927
          VCV xz -0.0000856588 VCV yy 0.0002605624
          VCV yz -0.0001332538 VCV zz 0.000341163

GPSVEC TP Point ID 46608 DX -7491.297 DY 1795.980
          Class Normal DZ -1973.701 Code TOP-PS
          Obs L1 Fixed H.pr 0.045 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 20.1
          Horz SD Vert SD
          Start wk 1558 sec 229741.0 End wk 1558 sec 229747.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0114605743
          VCV xx 0.0001299168 VCV xy 0.0000639115
          VCV xz -0.000098195 VCV yy 0.0002787327
          VCV yz -0.000141828 VCV zz 0.0003860193

GPSVEC TP Point ID 46609 DX -7479.280 DY 1804.522
          Class Normal DZ -1956.867 Code TOP-PS
          Obs L1 Fixed H.pr 0.044 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.2
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 20.9
          Horz SD Vert SD
          Start wk 1558 sec 229783.0 End wk 1558 sec 229788.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0113963559
          VCV xx 0.0001278213 VCV xy 0.0000622794
          VCV xz -0.0000985268 VCV yy 0.0002700098
          VCV yz -0.0001369341 VCV zz 0.00038534
    
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GPSVEC	TP	Point ID 46610	DX	-7467.540	DY	1813.384
		Class Normal	DZ	-1939.860	Code	TOP-PS
		Obs L1 Fixed	H.pr	0.044	V.pr	0.055
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.5		
		Monitor status Not monitored	RMS	18.9		
		Horz SD	Vert SD			
		Start wk 1558 sec 229829.2	End wk 1558	sec 229834.2		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0113642113		
		VCV xx 0.0001263507	VCV xy	0.0000608301		
		VCV xz -0.000099703	VCV yy	0.0002621813		
		VCV yz -0.0001324866	VCV zz	0.0003873004		
GPSVEC	TP	Point ID 46611	DX	-7455.262	DY	1821.667
		Class Normal	DZ	-1923.084	Code	TOP-PS
		Obs L1 Fixed	H.pr	0.044	V.pr	0.055
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 7	VDOP max	1.5		
		Monitor status Not monitored	RMS	20.7		
		Horz SD	Vert SD			
		Start wk 1558 sec 230044.4	End wk 1558	sec 230050.2		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0113710379		
		VCV xx 0.0001223904	VCV xy	0.0000557672		
		VCV xz -0.000108272	VCV yy	0.0002328832		
		VCV yz -0.0001155792	VCV zz	0.000408716		
GPSVEC	TP	Point ID 46612	DX	-7443.297	DY	1830.250
		Class Normal	DZ	-1906.091	Code	TOP-PS
		Obs L1 Fixed	H.pr	0.043	V.pr	0.053
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.5		
		Monitor status Not monitored	RMS	18.6		
		Horz SD	Vert SD			
		Start wk 1558 sec 230072.4	End wk 1558	sec 230077.4		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.01105469		
		VCV xx 0.0001151069	VCV xy	0.0000521135		
		VCV xz -0.0001032536	VCV yy	0.0002167569		
		VCV yz -0.0001072546	VCV zz	0.000388759		
GPSVEC	TP	Point ID 46613	DX	-7430.779	DY	1838.165
		Class Normal	DZ	-1889.241	Code	TOP-PS
		Obs L1 Fixed	H.pr	0.043	V.pr	0.054
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.5		
		Monitor status Not monitored	RMS	22.1		
		Horz SD	Vert SD			
		Start wk 1558 sec 230111.8	End wk 1558	sec 230116.8		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0111007309		
		VCV xx 0.0001152137	VCV xy	0.0000516967		
		VCV xz -0.0001055314	VCV yy	0.0002135199		
		VCV yz -0.0001052251	VCV zz	0.0003958646		
GPSVEC	TP	Point ID 46614	DX	-7418.138	DY	1846.191
		Class Normal	DZ	-1872.624	Code	TOP-PS
		Obs L1 Fixed	H.pr	0.043	V.pr	0.054
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.5		
		Monitor status Not monitored	RMS	18.6		
		Horz SD	Vert SD			
		Start wk 1558 sec 230147.2	End wk 1558	sec 230152.2		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.0111466525		
		VCV xx 0.0001153956	VCV xy	0.0000513218		
		VCV xz -0.000107786	VCV yy	0.0002107126		
		VCV yz -0.000103487	VCV zz	0.0004027943		
GPSVEC	TP	Point ID 46615	DX	-7405.608	DY	1854.600
		Class Normal	DZ	-1855.819	Code	TOP-PS
		Obs L1 Fixed	H.pr	0.046	V.pr	0.058
GPSQC1	NM	Min SVs 6	PDOP max	1.9		
		Relative DOPs Yes	HDOP max	1.2		
		Total GPS pos 6	VDOP max	1.5		
		Monitor status Not monitored	RMS	20.9		
		Horz SD	Vert SD			
		Start wk 1558 sec 230189.2	End wk 1558	sec 230194.4		
GPSQC2	NM	Ttl satellites 6	Err Scale	0.01195464		
		VCV xx 0.0001316269	VCV xy	0.0000578673		
		VCV xz -0.0001259171	VCV yy	0.0002360852		
		VCV yz -0.000115484	VCV zz	0.0004682277		
GPSVEC	TP	Point ID 46616	DX	-7400.123	DY	1840.025
		Class Normal	DZ	-1869.949	Code	P-154
		Obs L1 Fixed	H.pr	0.044	V.pr	0.061

GPSQC1	NM	Min SVs	5	PDOP max	4.0
		Relative DOPs	Yes	HDOP max	2.7
		Total GPS pos	8	VDOP max	3.0
		Monitor status	Not monitored	RMS	14.3
		Horz SD		Vert SD	
		Start wk 1558 sec	230582.4	End wk 1558 sec	230589.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0125842048
		VCV xx	0.0001389068	VCV xy	0.00005075
		VCV xz	-0.0001781082	VCV yy	0.0001812919
		VCV yz	-0.0000867371	VCV zz	0.0005577037
GPSVEC	TP	Point ID 46617	DX -7411.204	DY	1832.771
		Class Normal	DZ -1884.868	Code	P-153
		Obs L1 Fixed	H.pr 0.041	V.pr	0.058
GPSQC1	NM	Min SVs	6	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	23.6
		Horz SD		Vert SD	
		Start wk 1558 sec	230603.6	End wk 1558 sec	230608.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0118938731
		VCV xx	0.0001307584	VCV xy	0.0000476656
		VCV xz	-0.0001526553	VCV yy	0.0001792161
		VCV yz	-0.0000764013	VCV zz	0.0004760131
GPSVEC	TP	Point ID 46618	DX -7412.563	DY	1823.617
		Class Normal	DZ -1896.640	Code	DS-50\R-181-PS
		Obs L1 Fixed	H.pr 0.041	V.pr	0.057
GPSQC1	NM	Min SVs	6	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	21.6
		Horz SD		Vert SD	
		Start wk 1558 sec	230630.8	End wk 1558 sec	230635.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0117573421
		VCV xx	0.0001292415	VCV xy	0.000046865
		VCV xz	-0.0001491991	VCV yy	0.0001772721
		VCV yz	-0.0000735766	VCV zz	0.0004642223
GPSVEC	TP	Point ID 46619	DX -7416.466	DY	1826.656
		Class Normal	DZ -1895.126	Code	DS-50\R-181-PS
		Obs L1 Fixed	H.pr 0.042	V.pr	0.059
GPSQC1	NM	Min SVs	6	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	21.6
		Horz SD		Vert SD	
		Start wk 1558 sec	230643.8	End wk 1558 sec	230648.8
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0121002421
		VCV xx	0.0001372572	VCV xy	0.0000497144
		VCV xz	-0.0001582174	VCV yy	0.0001880716
		VCV yz	-0.000077393	VCV zz	0.0004922451
GPSVEC	TP	Point ID 46620	DX -7424.594	DY	1824.606
		Class Normal	DZ -1902.099	Code	P-152
		Obs L1 Fixed	H.pr 0.041	V.pr	0.058
GPSQC1	NM	Min SVs	6	PDOP max	1.8
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	21.5
		Horz SD		Vert SD	
		Start wk 1558 sec	230658.8	End wk 1558 sec	230664.0
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0117414491
		VCV xx	0.0001295871	VCV xy	0.0000468613
		VCV xz	-0.0001492665	VCV yy	0.0001773032
		VCV yz	-0.0000723386	VCV zz	0.0004644601
GPSVEC	TP	Point ID 46621	DX -7437.550	DY	1816.057
		Class Normal	DZ -1919.566	Code	P-151
		Obs L1 Fixed	H.pr 0.039	V.pr	0.057
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	20.8
		Horz SD		Vert SD	
		Start wk 1558 sec	230831.6	End wk 1558 sec	230836.6
GPSQC2	NM	Ttl satellites	6	Err Scale	0.0113343028
		VCV xx	0.0001255967	VCV xy	0.0000450642
		VCV xz	-0.0001386962	VCV yy	0.0001729721
		VCV yz	-0.0000622943	VCV zz	0.0004359069
GPSVEC	TP	Point ID 46622	DX -7448.127	DY	1808.516
		Class Normal	DZ -1934.531	Code	P-150
		Obs L1 Fixed	H.pr 0.039	V.pr	0.056
GPSQC1	NM	Min SVs	6	PDOP max	1.9
		Relative DOPs	Yes	HDOP max	1.1
		Total GPS pos	6	VDOP max	1.5
		Monitor status	Not monitored	RMS	22.4
		Horz SD		Vert SD	
		Start wk 1558 sec	230847.8	End wk 1558 sec	230852.8

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GPSQC2 NM Ttl satellites 6 Err Scale 0.0112852836
          VCV xx 0.0001250485 VCV xy 0.0000449421
          VCV xz -0.0001372233 VCV yy 0.000172655
          VCV yz -0.0000614108 VCV zz 0.0004318986

GPSVEC TP Point ID 46623 DX -7452.267 DY 1800.925
          Class Normal DZ -1945.863 Code DS-49\R-180-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.8
          Horz SD Vert SD
          Start wk 1558 sec 230872.8 End wk 1558 sec 230878.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0112117473
          VCV xx 0.0001243172 VCV xy 0.0000447923
          VCV xz -0.0001350008 VCV yy 0.0001723299
          VCV yz -0.0000601051 VCV zz 0.0004258341

GPSVEC TP Point ID 46624 DX -7448.212 DY 1797.764
          Class Normal DZ -1947.497 Code DS-49\R-180-PS
          Obs L1 Fixed H.pr 0.039 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.7
          Horz SD Vert SD
          Start wk 1558 sec 230885.2 End wk 1558 sec 230890.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0111347232
          VCV xx 0.0001230139 VCV xy 0.0000444069
          VCV xz -0.0001329293 VCV yy 0.0001708854
          VCV yz -0.0000590694 VCV zz 0.0004197638

GPSVEC TP Point ID 46625 DX -7460.323 DY 1797.927
          Class Normal DZ -1953.949 Code P-149
          Obs L1 Fixed H.pr 0.038 V.pr 0.056

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 22.5
          Horz SD Vert SD
          Start wk 1558 sec 230902.2 End wk 1558 sec 230907.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0110671623
          VCV xx 0.0001221073 VCV xy 0.0000441869
          VCV xz -0.0001309751 VCV yy 0.0001701214
          VCV yz -0.0000580507 VCV zz 0.0004142177

GPSVEC TP Point ID 46626 DX -7471.115 DY 1790.779
          Class Normal DZ -1968.457 Code P-148
          Obs L1 Fixed H.pr 0.038 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 22.3
          Horz SD Vert SD
          Start wk 1558 sec 230919.2 End wk 1558 sec 230924.2

GPSQC2 NM Ttl satellites 6 Err Scale 0.0110063711
          VCV xx 0.0001213918 VCV xy 0.0000440425
          VCV xz -0.0001292171 VCV yy 0.0001696248
          VCV yz -0.0000571442 VCV zz 0.0004092696

GPSVEC TP Point ID 46627 DX -7372.201 DY 1828.566
          Class Normal DZ -1869.323 Code PS-SCRAP
          Obs L1 Fixed H.pr 0.038 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 7 VDOP max 1.5
          Monitor status Not monitored RMS 18.1
          Horz SD Vert SD
          Start wk 1558 sec 230996.2 End wk 1558 sec 231002.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.010826434
          VCV xx 0.0001203477 VCV xy 0.0000441589
          VCV xz -0.0001234168 VCV yy 0.0001703879
          VCV yz -0.0000541524 VCV zz 0.0003934854

GPSVEC TP Point ID 46628 DX -7385.031 DY 1820.505
          Class Normal DZ -1886.030 Code PS-SCRAP
          Obs L1 Fixed H.pr 0.037 V.pr 0.055

GPSQC1 NM Min SVs 6 PDOP max 1.9
          Relative DOPs Yes HDOP max 1.1
          Total GPS pos 6 VDOP max 1.5
          Monitor status Not monitored RMS 18.0
          Horz SD Vert SD
          Start wk 1558 sec 231014.0 End wk 1558 sec 231019.0

GPSQC2 NM Ttl satellites 6 Err Scale 0.0107720075
          VCV xx 0.0001197637 VCV xy 0.0000441411
          VCV xz -0.0001217743 VCV yy 0.0001701218
          VCV yz -0.0000534372 VCV zz 0.0003888262
    
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GPSVEC TP Point ID 46629      DX -7397.660      DY 1812.243
        Class Normal      DZ -1902.914      Code PS-SCRAP
        Obs L1 Fixed      H.pr 0.037       V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.5
        Monitor status Not monitored RMS 17.9
        Horz SD              Vert SD
        Start wk 1558 sec 231036.0 End wk 1558 sec 231041.0

GPSQC2 NM Ttl satellites 6          Err Scale 0.0107189929
        VCV xx 0.000119424      VCV xy 0.0000442372
        VCV xz -0.0001200879    VCV yy 0.0001703167
        VCV yz -0.0000527042    VCV zz 0.0003841498

GPSVEC TP Point ID 46630      DX -7398.583      DY 1812.991
        Class Normal      DZ -1902.479      Code PS-SCRAP
        Obs L1 Fixed      H.pr 0.037       V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 20.0
        Horz SD              Vert SD
        Start wk 1558 sec 231046.2 End wk 1558 sec 231051.2

GPSQC2 NM Ttl satellites 6          Err Scale 0.010684954
        VCV xx 0.0001190658      VCV xy 0.0000442624
        VCV xz -0.0001190672    VCV yy 0.000170169
        VCV yz -0.000052313     VCV zz 0.0003812154

GPSVEC TP Point ID 46631      DX -7411.335      DY 1805.037
        Class Normal      DZ -1918.852      Code PS-SCRAP
        Obs L1 Fixed      H.pr 0.037       V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 21.6
        Horz SD              Vert SD
        Start wk 1558 sec 231066.4 End wk 1558 sec 231071.4

GPSQC2 NM Ttl satellites 6          Err Scale 0.0105929049
        VCV xx 0.0001178205      VCV xy 0.0000439848
        VCV xz -0.0001165993    VCV yy 0.0001689838
        VCV yz -0.0000512433    VCV zz 0.0003739454

NOTE TS Time Date 11/17/2009 Time 08:11:06

GPSVEC TP Point ID 46632      DX -7408.143      DY 1802.680
        Class Normal      DZ -1920.066      Code PS-SCRAP
        Obs L1 Fixed      H.pr 0.037       V.pr 0.054

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 19.4
        Horz SD              Vert SD
        Start wk 1558 sec 231077.4 End wk 1558 sec 231082.4

GPSQC2 NM Ttl satellites 6          Err Scale 0.0105726225
        VCV xx 0.0001177736      VCV xy 0.0000441007
        VCV xz -0.0001158899    VCV yy 0.0001692614
        VCV yz -0.0000509738    VCV zz 0.0003720027

GPSVEC TP Point ID 46633      DX -7421.647      DY 1795.014
        Class Normal      DZ -1936.640      Code PS-SCRAP
        Obs L1 Fixed      H.pr 0.037       V.pr 0.052

GPSQC1 NM Min SVs          6                PDOP max 1.9
        Relative DOPs Yes      HDOP max 1.1
        Total GPS pos 6        VDOP max 1.6
        Monitor status Not monitored RMS 19.3
        Horz SD              Vert SD
        Start wk 1558 sec 231095.4 End wk 1558 sec 231100.4

GPSQC2 NM Ttl satellites 7          Err Scale 0.0114927683
        VCV xx 0.0001170986      VCV xy 0.0000434954
        VCV xz -0.000114259     VCV yy 0.0001497119
        VCV yz -0.0000523408    VCV zz 0.0003668821

GPSVEC TP Point ID 46634      DX -7434.486      DY 1787.101
        Class Normal      DZ -1953.100      Code PS-SCRAP
        Obs L1 Fixed      H.pr 0.037       V.pr 0.052

GPSQC1 NM Min SVs          7                PDOP max 1.7
        Relative DOPs Yes      HDOP max 1.0
        Total GPS pos 6        VDOP max 1.4
        Monitor status Not monitored RMS 21.0
        Horz SD              Vert SD
        Start wk 1558 sec 231110.6 End wk 1558 sec 231115.6

GPSQC2 NM Ttl satellites 7          Err Scale 0.0114612514
        VCV xx 0.0001172287      VCV xy 0.0000437328
        VCV xz -0.0001134281    VCV yy 0.0001499525
        VCV yz -0.0000521566    VCV zz 0.0003646207

GPSVEC TP Point ID 46635      DX -7446.968      DY 1779.145
        Class Normal      DZ -1969.474      Code PS-SCRAP
        Obs L1 Fixed      H.pr 0.037       V.pr 0.052
    
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GPSQCL NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 19.2
Horz SD Vert SD
Start wk 1558 sec 231129.8 End wk 1558 sec 231134.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0113713322
VCV xx 0.0001162176 VCV xy 0.00004355
VCV xz -0.000111354 VCV yy 0.0001490127
VCV yz -0.0000513766 VCV zz 0.0003584559

GPSVEC TP Point ID 46636 DX -7445.398 DY 1777.937
Class Normal DZ -1970.131 Code PS-SCRAP
Obs L1 Fixed H.pr 0.037 V.pr 0.052

GPSQCL NM Min SVs 7 PDOP max 1.7
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.4
Monitor status Not monitored RMS 19.0
Horz SD Vert SD
Start wk 1558 sec 231139.8 End wk 1558 sec 231144.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0113513786
VCV xx 0.0001162846 VCV xy 0.0000437321
VCV xz -0.0001107864 VCV yy 0.0001493106
VCV yz -0.0000512626 VCV zz 0.0003568822

GPSVEC SO Point ID 46637 DX -7831.622 DY 1795.302
Class Stake out DZ -2248.808 Code CP-501-11-17-09-
Obs L1 Fixed H.pr 0.033 V.pr 0.050

F-CODE SO Code CP-501-11-17-09-POSTCHK

GPSQCL NM Min SVs 7 PDOP max 1.8
Relative DOPs Yes HDOP max 1.0
Total GPS pos 6 VDOP max 1.5
Monitor status Not monitored RMS 20.3
Horz SD Vert SD
Start wk 1558 sec 231538.0 End wk 1558 sec 231543.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0103371823
VCV xx 0.0001188179 VCV xy 0.0000513674
VCV xz -0.0000838023 VCV yy 0.0001581391
VCV yz -0.0000489448 VCV zz 0.0002734016

PT DGN SO Name CP-501 To the Point

GRID D SO Delta N 0.008 Delta E -0.032
Delta Elv -0.057

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 11/17/2009 Time 13:33:38

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 Measurement True

GPSPOS FD Point ID 01 Lat 36°03'10.41789"N Lng 114°59'30.73489"W
Class Check Hgt 1648.363 Code 6-13-08-OPUS-BAS
Obs User Input H.pr <null> V.pr <null>

EQUIP SI Receiver 4700 Serial no <no text>
Antenna Micro-centered L1/L2 w/Ground
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 0.207 Measurement True

GPSREF KI Reference 01

INIT KI Init event Gained Week 1558
Init type On the fly seconds 250452.0
Init counter 2 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=4.020

GPSANT KI Antenna ht 6.562 Measurement Uncorrected

GPSVEC TP Point ID 46638 DX -7573.322 DY 1927.911
Class Normal DZ -1941.797 Code TOE-PS
Obs L1 Fixed H.pr 0.039 V.pr 0.065
    
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GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 21.0
Horz SD Vert SD
Start wk 1558 sec 251094.6 End wk 1558 sec 251100.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0092377001
VCV xx 0.0001211405 VCV xy 0.0001587592
VCV xz -0.0001575596 VCV yy 0.0003705865
VCV yz -0.0003144204 VCV zz 0.0003932141

GPSVEC TP Point ID 46639 DX -7566.829 DY 1933.635
Class Normal DZ -1931.259 Code R-184-EXT
Obs L1 Fixed H.pr 0.038 V.pr 0.064

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.9
Horz SD Vert SD
Start wk 1558 sec 251123.8 End wk 1558 sec 251128.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0090077054
VCV xx 0.0001181446 VCV xy 0.0001541784
VCV xz -0.0001526408 VCV yy 0.0003601331
VCV yz -0.0003033783 VCV zz 0.0003791057

GPSVEC TP Point ID 46640 DX -7566.653 DY 1934.188
Class Normal DZ -1930.363 Code R-184-EXT
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 14 VDOP max 2.2
Monitor status Not monitored RMS 21.7
Horz SD Vert SD
Start wk 1558 sec 251186.0 End wk 1558 sec 251199.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084890462
VCV xx 0.0001064572 VCV xy 0.000137819
VCV xz -0.0001357 VCV yy 0.0003227039
VCV yz -0.0002676846 VCV zz 0.0003336903

GPSVEC TP Point ID 46641 DX -7564.347 DY 1930.730
Class Normal DZ -1931.912 Code R-184-S
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.2
Horz SD Vert SD
Start wk 1558 sec 251213.2 End wk 1558 sec 251218.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084653944
VCV xx 0.0001064794 VCV xy 0.0001373462
VCV xz -0.0001349913 VCV yy 0.0003217278
VCV yz -0.0002653559 VCV zz 0.0003306845

GPSVEC TP Point ID 46642 DX -7563.810 DY 1930.489
Class Normal DZ -1931.701 Code R-184-S
Obs L1 Fixed H.pr 0.035 V.pr 0.058

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.1
Horz SD Vert SD
Start wk 1558 sec 251222.2 End wk 1558 sec 251227.2

GPSQC2 NM Ttl satellites 7 Err Scale 0.0081925374
VCV xx 0.0000999317 VCV xy 0.000128745
VCV xz -0.0001264306 VCV yy 0.0003016822
VCV yz -0.0002482374 VCV zz 0.0003092473

GPSVEC TP Point ID 46643 DX -7564.930 DY 1928.795
Class Normal DZ -1933.938 Code R-183
Obs L1 Fixed H.pr 0.035 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.6
Horz SD Vert SD
Start wk 1558 sec 251236.4 End wk 1558 sec 251241.4

GPSQC2 NM Ttl satellites 7 Err Scale 0.0083481548
VCV xx 0.0001043339 VCV xy 0.0001338077
VCV xz -0.0001314028 VCV yy 0.0003133884
VCV yz -0.0002569075 VCV zz 0.0003205255

GPSVEC TP Point ID 46644 DX -7561.050 DY 1932.273
Class Normal DZ -1927.905 Code R-184-S
Obs L1 Fixed H.pr 0.035 V.pr 0.059

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 13.5
Horz SD Vert SD
Start wk 1558 sec 251253.6 End wk 1558 sec 251258.6
    
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GPSQC2 NM Ttl satellites 7 Err Scale 0.0083116312
VCV xx 0.0001037044 VCV xy 0.0001329822
VCV xz -0.0001301302 VCV yy 0.0003119416
VCV yz -0.0002543114 VCV zz 0.000316394

GPSVEC TP Point ID 46645 DX -7561.100 DY 1933.076
Class Normal DZ -1927.380 Code R-184-S
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.0
Horz SD Vert SD
Start wk 1558 sec 251263.6 End wk 1558 sec 251268.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084566949
VCV xx 0.0001075772 VCV xy 0.0001377973
VCV xz -0.0001346889 VCV yy 0.0003234173
VCV yz -0.0002629346 VCV zz 0.0003269173

GPSVEC TP Point ID 46646 DX -7563.708 DY 1935.868
Class Normal DZ -1926.700 Code R-184-EXT
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 7 VDOP max 2.2
Monitor status Not monitored RMS 13.8
Horz SD Vert SD
Start wk 1558 sec 251296.8 End wk 1558 sec 251302.6

GPSQC2 NM Ttl satellites 7 Err Scale 0.008460626
VCV xx 0.000108507 VCV xy 0.000138378
VCV xz -0.0001347465 VCV yy 0.0003253043
VCV yz -0.0002618957 VCV zz 0.0003250637

GPSVEC TP Point ID 46647 DX -7564.919 DY 1935.458
Class Normal DZ -1927.891 Code R-184-EXT-TN-R
Obs L1 Fixed H.pr 0.037 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 18.1
Horz SD Vert SD
Start wk 1558 sec 251321.8 End wk 1558 sec 251326.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0086426651
VCV xx 0.0001140334 VCV xy 0.0001446212
VCV xz -0.0001406604 VCV yy 0.0003400779
VCV yz -0.000271968 VCV zz 0.0003378641

GPSVEC TP Point ID 46648 DX -7561.240 DY 1936.131
Class Normal DZ -1925.018 Code TOE-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1558 sec 251338.8 End wk 1558 sec 251343.8

GPSQC2 NM Ttl satellites 7 Err Scale 0.0084614204
VCV xx 0.0001095 VCV xy 0.0001389148
VCV xz -0.0001346445 VCV yy 0.0003272399
VCV yz -0.0002603226 VCV zz 0.0003224257

GPSVEC TP Point ID 46649 DX -7548.828 DY 1944.107
Class Normal DZ -1908.079 Code TOE-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.060

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 15.6
Horz SD Vert SD
Start wk 1558 sec 251356.0 End wk 1558 sec 251361.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.008468709
VCV xx 0.0001100451 VCV xy 0.0001393221
VCV xz -0.0001348092 VCV yy 0.0003285293
VCV yz -0.0002601233 VCV zz 0.0003219125

GPSVEC TP Point ID 46650 DX -7536.242 DY 1951.778
Class Normal DZ -1891.480 Code TOE-PS
Obs L1 Fixed H.pr 0.036 V.pr 0.061

GPSQC1 NM Min SVs 7 PDOP max 2.5
Relative DOPs Yes HDOP max 1.3
Total GPS pos 6 VDOP max 2.2
Monitor status Not monitored RMS 17.3
Horz SD Vert SD
Start wk 1558 sec 251372.0 End wk 1558 sec 251377.0

GPSQC2 NM Ttl satellites 7 Err Scale 0.0085250819
VCV xx 0.0001118474 VCV xy 0.0001413373
VCV xz -0.0001365375 VCV yy 0.0003336045
VCV yz -0.0002629721 VCV zz 0.0003251784
    
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GPSVEC TP Point ID 46651      DX -7524.103      DY 1959.873
        Class Normal      DZ -1874.559      Code TOE-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.061

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 17.8
        Horz SD      Vert SD
        Start wk 1558 sec 251388.0      End wk 1558 sec 251393.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0085838214
        VCV xx 0.0001137552      VCV xy 0.0001434487
        VCV xz -0.0001383475      VCV yy 0.0003389177
        VCV yz -0.0002659154      VCV zz 0.0003285763

GPSVEC TP Point ID 46652      DX -7511.904      DY 1968.295
        Class Normal      DZ -1857.478      Code TOE-PS
        Obs L1 Fixed      H.pr 0.036      V.pr 0.061

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 17.9
        Horz SD      Vert SD
        Start wk 1558 sec 251405.2      End wk 1558 sec 251410.2

GPSQC2 NM Ttl satellites 7      Err Scale 0.0086219376
        VCV xx 0.0001151206      VCV xy 0.0001448951
        VCV xz -0.0001394792      VCV yy 0.0003427064
        VCV yz -0.0002675779      VCV zz 0.000330305

GPSVEC TP Point ID 46653      DX -7499.369      DY 1976.550
        Class Normal      DZ -1840.579      Code TOE-PS-SCRAP
        Obs L1 Fixed      H.pr 0.036      V.pr 0.061

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 16.1
        Horz SD      Vert SD
        Start wk 1558 sec 251428.4      End wk 1558 sec 251433.4

GPSQC2 NM Ttl satellites 7      Err Scale 0.0086165788
        VCV xx 0.0001154093      VCV xy 0.0001449385
        VCV xz -0.0001391399      VCV yy 0.0003433682
        VCV yz -0.0002663248      VCV zz 0.0003282256

GPSVEC SO Point ID 46654      DX -7508.566      DY 1972.077
        Class Stake out      DZ -1851.125      Code 46581-11-17-09-P
        Obs L1 Fixed      H.pr 0.036      V.pr 0.061

F-CODE SO Code 46581-11-17-09-POSTCHK

GPSQC1 NM Min SVs          7      PDOP max 2.5
        Relative DOPs Yes      HDOP max 1.3
        Total GPS pos 6      VDOP max 2.2
        Monitor status Not monitored      RMS 15.5
        Horz SD      Vert SD
        Start wk 1558 sec 251472.6      End wk 1558 sec 251477.6

GPSQC2 NM Ttl satellites 7      Err Scale 0.0085027693
        VCV xx 0.0001131958      VCV xy 0.0001415213
        VCV xz -0.0001351557      VCV yy 0.0003363072
        VCV yz -0.000257503      VCV zz 0.0003164342

PT DGN SO Name          46581      To the Point

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

SURVEY EVENTKISurvey event Survey ended

NOTE TS Time Date 11/17/2009 Time 14:42:59
    
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