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AEROoffice V5.6.0 2018-03-06  
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Dongle-ID: 3-3541217

Boresight Misalignment Calculations  
25/07/2023 11:06:00

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Project: Pol-Cal2023 Eagle M3-F100-Imu IIf  
Projectfile: C:\AEROofficeV51\PROYECTOS\03-PROYECTOS\_EAGLE\

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Used input data:

Platform Solution: C:\AEROofficeV51\PROYECTOS\03-PROYECTOS\_EAGLE\Pol-Cal.aps  
Event Mark File : C:\AEROofficeV51\PROYECTOS\03-PROYECTOS\_EAGLE\Pol-Cal.aoom  
AT Result File : C:\AEROofficeV51\PROYECTOS\03-PROYECTOS\_EAGLE\EQ\_xyzopk.txt  
Importformat File: C:\AEROofficeV51\FORMATOS\PTOFORMAT

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Coordinate system scalefactor correction for height applied  
Using DTM

Local Coordinate System:  
UTM - WGS84 SPH - ellipsoidal Altitude  
System defined in: built-in coordinate system  
Selected Zone: 30N  
Meridian Convergence corrected

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Loading INS Data  
557 usable events found

Loading AT Data  
AT input: angles found  
272 AT Data Sets imported

272 events with matching eventnumbers found.

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Postion offset for the single events [m]:

	number	time	east	north	alt	d east	d north	d alt
position:	36589	559749.21	0.074	0.073	1.911	-0.004	0.011	-0.019
position:	36590	559765.33	0.064	0.091	1.988	-0.014	0.029	0.058
position:	36591	559781.44	0.084	0.062	1.968	0.007	0.001	0.037
position:	36592	559797.59	0.087	0.078	1.929	0.009	0.016	-0.001
position:	36593	559813.73	0.078	0.069	1.900	0.000	0.007	-0.031
position:	36594	559829.87	0.079	0.079	1.991	0.001	0.018	0.060
position:	36595	559845.97	0.085	0.081	1.939	0.007	0.019	0.009
position:	36596	559862.05	0.099	0.083	1.972	0.021	0.022	0.042
position:	36597	559878.06	0.078	0.070	1.931	0.000	0.009	0.001
position:	36598	559894.04	0.082	0.086	1.957	0.004	0.024	0.026
position:	36599	559909.99	0.078	0.080	1.873	0.000	0.019	-0.057
position:	36600	559925.95	0.070	0.085	1.989	-0.008	0.023	0.059
position:	36601	559941.97	0.070	0.098	1.998	-0.008	0.036	0.067
position:	36602	559958.00	0.081	0.083	1.960	0.003	0.021	0.029
position:	36603	559974.10	0.076	0.087	1.982	-0.002	0.026	0.051
position:	36604	559990.16	0.085	0.108	2.072	0.008	0.047	0.142
position:	36605	560006.18	0.096	0.077	1.931	0.018	0.016	0.001
position:	36606	560022.22	0.096	0.066	1.979	0.018	0.004	0.049
position:	36607	560038.29	0.101	0.092	1.963	0.023	0.030	0.032
position:	36608	560054.37	0.089	0.095	1.885	0.011	0.034	-0.045
position:	36609	560070.43	0.083	0.082	1.943	0.005	0.020	0.012
position:	36610	560086.51	0.077	0.074	1.968	-0.001	0.013	0.037
position:	36611	560102.60	0.085	0.077	1.951	0.007	0.015	0.021
position:	36612	560118.70	0.086	0.078	1.895	0.008	0.017	-0.036
position:	36613	560134.78	0.075	0.079	1.958	-0.003	0.017	0.028
position:	36614	560150.81	0.071	0.077	1.923	-0.007	0.016	-0.008
position:	36615	560166.86	0.088	0.068	1.951	0.010	0.006	0.020
position:	36616	560182.91	0.067	0.093	2.035	-0.011	0.032	0.104
position:	36617	560198.95	0.087	0.076	1.880	0.009	0.015	-0.050
position:	36618	560215.00	0.093	0.098	2.003	0.015	0.036	0.073
position:	36619	560231.07	0.078	0.070	1.894	0.000	0.008	-0.036
position:	36620	560247.17	0.076	0.085	1.913	-0.002	0.024	-0.018
position:	36621	560263.23	0.065	0.089	1.935	-0.013	0.027	0.005
position:	36622	560279.21	0.075	0.068	1.999	-0.003	0.006	0.069
position:	36623	560295.14	0.066	0.084	1.921	-0.012	0.023	-0.009
position:	36624	560311.13	0.072	0.087	1.877	-0.006	0.026	-0.054
position:	36625	560327.11	0.069	0.090	2.025	-0.009	0.028	0.095
position:	36626	560343.01	0.062	0.072	2.018	-0.016	0.011	0.088
position:	36627	560358.87	0.078	0.076	1.941	0.000	0.015	0.010
position:	36628	560374.81	0.088	0.077	1.980	0.010	0.016	0.050
position:	36629	560390.77	0.092	0.069	1.967	0.014	0.008	0.037

position:	36630	560406.71	0.083	0.073	1.899	0.006	0.012	-0.031
position:	36631	560422.63	0.088	0.065	1.897	0.010	0.004	-0.034
position:	36532	558165.65	0.094	0.048	1.873	0.016	-0.013	-0.058
position:	36533	558182.08	0.092	0.069	1.876	0.014	0.007	-0.055
position:	36534	558198.46	0.099	0.056	1.985	0.021	-0.006	0.055
position:	36535	558214.90	0.104	0.085	1.881	0.026	0.024	-0.049
position:	36536	558231.25	0.084	0.069	1.927	0.006	0.008	-0.003
position:	36537	558247.58	0.097	0.076	1.934	0.019	0.015	0.003
position:	36538	558263.92	0.096	0.069	1.865	0.018	0.008	-0.065
position:	36539	558280.28	0.074	0.080	1.941	-0.004	0.019	0.010
position:	36540	558296.66	0.082	0.071	1.953	0.004	0.009	0.022
position:	36541	558313.09	0.083	0.047	1.890	0.005	-0.014	-0.040
position:	36542	558329.55	0.071	0.089	1.999	-0.007	0.028	0.068
position:	36543	558346.00	0.086	0.072	1.883	0.008	0.011	-0.047
position:	36544	558362.48	0.074	0.071	1.918	-0.004	0.010	-0.013
position:	36545	558378.93	0.117	0.080	1.831	0.039	0.018	-0.100
position:	36546	558395.39	0.093	0.082	1.993	0.015	0.021	0.063
position:	36547	558411.85	0.092	0.087	1.989	0.014	0.026	0.059
position:	36548	558428.32	0.062	0.080	1.927	-0.016	0.018	-0.003
position:	36549	558444.80	0.083	0.062	1.964	0.005	0.001	0.034
position:	36550	558461.29	0.078	0.070	1.858	0.000	0.009	-0.072
position:	36551	558477.81	0.076	0.076	1.946	-0.002	0.015	0.016
position:	36552	558494.35	0.079	0.073	1.951	0.001	0.012	0.021
position:	36553	558510.83	0.085	0.091	1.939	0.007	0.029	0.009
position:	36554	558527.29	0.076	0.061	1.950	-0.002	-0.001	0.019
position:	36555	558543.75	0.074	0.075	1.890	-0.003	0.013	-0.040
position:	36556	558560.24	0.089	0.084	1.908	0.011	0.023	-0.022
position:	36557	558576.78	0.076	0.072	1.930	-0.002	0.010	0.000
position:	36558	558593.34	0.090	0.087	1.900	0.012	0.025	-0.030
position:	36559	558609.91	0.106	0.088	1.872	0.028	0.027	-0.058
position:	36560	558626.50	0.097	0.084	1.966	0.019	0.022	0.036
position:	36561	558643.08	0.085	0.082	1.987	0.007	0.020	0.056
position:	36562	558659.62	0.088	0.093	1.884	0.010	0.031	-0.046
position:	36563	558676.12	0.078	0.076	1.972	0.000	0.015	0.041
position:	36564	558692.62	0.066	0.082	1.954	-0.012	0.021	0.023
position:	36565	558709.11	0.076	0.078	1.914	-0.002	0.017	-0.016
position:	36566	558725.62	0.064	0.091	1.986	-0.014	0.030	0.055
position:	36567	558742.12	0.068	0.074	1.836	-0.010	0.012	-0.094
position:	36568	558758.60	0.060	0.068	1.994	-0.018	0.006	0.063
position:	36569	558775.10	0.085	0.081	1.950	0.007	0.020	0.020
position:	36570	558791.62	0.061	0.060	1.971	-0.017	-0.001	0.040
position:	36571	558808.11	0.048	0.075	1.982	-0.030	0.014	0.052
position:	36572	558824.62	0.070	0.070	1.891	-0.008	0.009	-0.039
position:	36573	558841.14	0.053	0.071	1.821	-0.025	0.009	-0.109
position:	36574	558857.65	0.070	0.069	1.933	-0.008	0.007	0.003
position:	36489	557275.53	0.075	0.068	1.944	-0.003	0.007	0.014
position:	36490	557292.30	0.071	0.067	1.896	-0.007	0.006	-0.034
position:	36491	557308.93	0.066	0.065	1.877	-0.012	0.003	-0.054
position:	36492	557325.66	0.065	0.068	1.990	-0.013	0.007	0.059
position:	36493	557342.37	0.085	0.058	1.893	0.007	-0.004	-0.037
position:	36494	557359.12	0.084	0.071	1.956	0.006	0.009	0.025
position:	36495	557375.89	0.091	0.067	1.888	0.013	0.006	-0.042
position:	36496	557392.66	0.090	0.076	1.906	0.013	0.014	-0.024
position:	36497	557409.41	0.074	0.075	1.918	-0.004	0.014	-0.012
position:	36498	557426.13	0.083	0.054	1.885	0.005	-0.007	-0.045
position:	36499	557442.86	0.087	0.084	1.968	0.009	0.022	0.038
position:	36500	557459.58	0.108	0.081	1.972	0.031	0.020	0.042
position:	36501	557476.30	0.079	0.079	1.836	0.001	0.017	-0.094
position:	36502	557493.01	0.086	0.080	1.786	0.008	0.019	-0.144
position:	36503	557509.73	0.055	0.073	1.929	-0.023	0.011	-0.001
position:	36504	557526.43	0.071	0.072	1.996	-0.007	0.011	0.065
position:	36505	557543.08	0.081	0.076	1.932	0.003	0.014	0.001
position:	36506	557559.69	0.098	0.076	1.847	0.020	0.014	-0.083
position:	36507	557576.27	0.086	0.072	1.931	0.008	0.011	0.000
position:	36508	557592.80	0.084	0.065	1.931	0.006	0.004	0.001
position:	36509	557609.31	0.079	0.066	1.829	0.001	0.005	-0.102
position:	36510	557625.84	0.081	0.069	1.964	0.003	0.008	0.033
position:	36511	557642.39	0.075	0.071	1.867	-0.003	0.009	-0.064
position:	36512	557658.86	0.085	0.063	1.883	0.007	0.001	-0.047
position:	36513	557675.26	0.066	0.057	1.930	-0.012	-0.004	-0.001
position:	36514	557691.59	0.075	0.065	1.892	-0.003	0.003	-0.038
position:	36515	557707.88	0.068	0.064	1.907	-0.010	0.003	-0.023
position:	36516	557724.10	0.089	0.077	1.964	0.011	0.016	0.033
position:	36517	557740.32	0.079	0.066	1.897	0.001	0.005	-0.033
position:	36518	557756.50	0.085	0.052	1.956	0.007	-0.010	0.026
position:	36519	557772.67	0.099	0.061	1.903	0.021	0.000	-0.027
position:	36520	557788.78	0.087	0.070	1.905	0.009	0.009	-0.025
position:	36521	557804.88	0.099	0.082	1.836	0.021	0.021	-0.094
position:	36522	557820.95	0.069	0.070	1.939	-0.009	0.009	0.008
position:	36523	557837.05	0.093	0.067	1.922	0.015	0.006	-0.008
position:	36524	557853.13	0.089	0.055	1.993	0.011	-0.006	0.063
position:	36525	557869.17	0.090	0.061	1.886	0.012	-0.001	-0.045
position:	36526	557885.19	0.097	0.057	1.900	0.019	-0.004	-0.031
position:	36527	557901.18	0.098	0.060	1.963	0.020	-0.001	0.033
position:	36528	557917.15	0.091	0.062	1.906	0.013	0.000	-0.024
position:	36529	557933.11	0.092	0.075	1.905	0.014	0.013	-0.025
position:	36530	557949.04	0.099	0.056	1.954	0.021	-0.005	0.023
position:	36531	557964.91	0.095	0.060	1.848	0.018	-0.002	-0.083
position:	36575	559070.68	0.065	0.063	1.844	-0.013	0.001	-0.086
position:	36576	559087.27	0.072	0.068	2.016	-0.006	0.007	0.086
position:	36577	559103.83	0.073	0.066	1.889	-0.005	0.004	-0.042
position:	36578	559120.36	0.064	0.068	1.968	-0.014	0.007	0.037

position:	36579	559136.87	0.072	0.069	1.950	-0.006	0.008	0.019
position:	36580	559153.38	0.064	0.068	1.892	-0.014	0.006	-0.038
position:	36581	559169.87	0.066	0.071	1.963	-0.012	0.010	0.032
position:	36446	556410.02	0.100	0.058	1.830	0.022	-0.003	-0.100
position:	36447	556426.26	0.091	0.055	1.953	0.013	-0.006	0.022
position:	36448	556442.60	0.101	0.047	1.940	0.023	-0.014	0.010
position:	36449	556458.99	0.087	0.061	2.008	0.009	-0.001	0.078
position:	36450	556475.46	0.085	0.057	1.847	0.007	-0.004	-0.083
position:	36451	556491.99	0.077	0.051	1.954	-0.001	-0.011	0.024
position:	36452	556508.53	0.067	0.045	1.928	-0.011	-0.017	-0.002
position:	36453	556525.05	0.083	0.048	2.001	0.005	-0.013	0.071
position:	36454	556541.56	0.062	0.076	1.825	-0.016	0.015	-0.106
position:	36455	556558.07	0.076	0.059	1.987	-0.002	-0.003	0.056
position:	36456	556574.54	0.068	0.042	1.903	-0.010	-0.019	-0.028
position:	36457	556591.05	0.067	0.065	1.887	-0.011	0.004	-0.043
position:	36458	556607.52	0.066	0.058	1.930	-0.012	-0.004	0.000
position:	36459	556624.00	0.071	0.030	1.963	-0.007	-0.032	0.032
position:	36460	556640.40	0.062	0.069	1.894	-0.016	0.008	-0.037
position:	36461	556656.74	0.061	0.036	1.917	-0.017	-0.025	-0.013
position:	36462	556673.06	0.074	0.061	1.903	-0.004	0.000	-0.027
position:	36463	556689.39	0.068	0.048	1.949	-0.010	-0.014	0.019
position:	36464	556705.71	0.070	0.061	1.911	-0.008	0.000	-0.019
position:	36465	556722.07	0.071	0.044	1.942	-0.007	-0.018	0.012
position:	36466	556738.45	0.072	0.056	1.858	-0.006	-0.006	-0.072
position:	36467	556754.81	0.064	0.042	1.905	-0.014	-0.019	-0.025
position:	36468	556771.21	0.081	0.057	1.977	0.004	-0.004	0.047
position:	36469	556787.58	0.067	0.056	1.923	-0.011	-0.005	-0.007
position:	36470	556803.96	0.072	0.059	1.842	-0.006	-0.002	-0.088
position:	36471	556820.36	0.073	0.051	2.013	-0.005	-0.010	0.082
position:	36472	556836.78	0.063	0.064	1.843	-0.015	0.003	-0.088
position:	36473	556853.26	0.070	0.055	1.983	-0.008	-0.007	0.053
position:	36474	556869.76	0.071	0.043	1.781	-0.007	-0.019	-0.150
position:	36475	556886.24	0.081	0.046	1.912	0.003	-0.015	-0.019
position:	36476	556902.71	0.075	0.052	1.911	-0.003	-0.009	-0.019
position:	36477	556919.14	0.067	0.062	1.924	-0.010	0.001	-0.007
position:	36478	556935.54	0.058	0.052	1.923	-0.020	-0.009	-0.007
position:	36479	556951.94	0.068	0.054	1.917	-0.010	-0.007	-0.013
position:	36480	556968.32	0.052	0.043	1.829	-0.026	-0.019	-0.101
position:	36481	556984.70	0.073	0.053	1.972	-0.005	-0.009	0.041
position:	36482	557001.07	0.054	0.071	1.877	-0.024	0.009	-0.053
position:	36483	557017.41	0.057	0.057	2.010	-0.021	-0.005	0.079
position:	36484	557033.77	0.060	0.065	1.877	-0.018	0.003	-0.053
position:	36485	557050.14	0.062	0.066	1.940	-0.016	0.004	0.010
position:	36486	557066.51	0.072	0.055	1.936	-0.006	-0.006	0.006
position:	36487	557082.84	0.053	0.044	1.950	-0.025	-0.017	0.019
position:	36488	557099.14	0.069	0.076	1.943	-0.009	0.015	0.013
position:	36582	559354.09	0.070	0.045	1.929	-0.008	-0.017	-0.001
position:	36583	559370.66	0.070	0.060	1.880	-0.008	-0.002	-0.050
position:	36584	559387.18	0.076	0.052	1.944	-0.002	-0.010	0.014
position:	36585	559403.69	0.061	0.046	1.930	-0.017	-0.015	0.000
position:	36586	559420.21	0.057	0.059	1.930	-0.021	-0.003	0.000
position:	36587	559436.70	0.066	0.063	1.871	-0.012	0.002	-0.060
position:	36588	559453.09	0.060	0.051	1.835	-0.018	-0.011	-0.095
position:	36403	555534.34	0.070	0.057	1.915	-0.008	-0.005	-0.016
position:	36404	555550.92	0.064	0.039	1.950	-0.014	-0.022	0.020
position:	36405	555567.53	0.075	0.045	1.960	-0.002	-0.017	0.030
position:	36406	555584.17	0.080	0.037	1.819	0.002	-0.024	-0.111
position:	36407	555600.77	0.068	0.039	1.979	-0.010	-0.022	0.048
position:	36408	555617.34	0.080	0.028	1.936	0.002	-0.034	0.006
position:	36409	555633.87	0.082	0.065	1.815	0.004	0.003	-0.115
position:	36410	555650.39	0.075	0.031	1.996	-0.003	-0.031	0.066
position:	36411	555666.89	0.048	0.032	1.865	-0.030	-0.029	-0.065
position:	36412	555683.41	0.068	0.046	1.935	-0.010	-0.015	0.005
position:	36413	555699.95	0.070	0.028	2.025	-0.008	-0.034	0.094
position:	36414	555716.52	0.066	0.010	1.851	-0.012	-0.051	-0.079
position:	36415	555733.05	0.085	0.024	1.971	0.007	-0.037	0.041
position:	36416	555749.60	0.087	0.039	1.987	0.009	-0.023	0.057
position:	36417	555766.15	0.093	0.029	1.939	0.016	-0.033	0.009
position:	36418	555782.65	0.086	0.038	1.769	0.008	-0.023	-0.162
position:	36419	555799.14	0.075	0.035	1.991	-0.003	-0.027	0.061
position:	36420	555815.62	0.064	0.023	1.928	-0.014	-0.038	-0.002
position:	36421	555832.12	0.072	0.029	1.828	-0.006	-0.033	-0.102
position:	36422	555848.62	0.086	0.016	1.958	0.008	-0.046	0.028
position:	36423	555865.10	0.067	0.056	1.843	-0.011	-0.005	-0.088
position:	36424	555881.59	0.064	0.039	1.953	-0.014	-0.023	0.023
position:	36425	555898.07	0.082	0.016	1.985	0.004	-0.045	0.054
position:	36426	555914.50	0.077	0.031	1.901	-0.001	-0.030	-0.030
position:	36427	555930.88	0.086	0.042	1.943	0.008	-0.019	0.013
position:	36428	555947.29	0.091	0.052	1.910	0.014	-0.009	-0.021
position:	36429	555963.69	0.088	0.023	1.901	0.010	-0.038	-0.030
position:	36430	555980.02	0.093	0.031	1.949	0.015	-0.030	0.019
position:	36431	555996.31	0.093	0.037	1.843	0.015	-0.024	-0.087
position:	36432	556012.59	0.088	0.034	1.930	0.010	-0.027	0.000
position:	36433	556028.91	0.075	0.043	1.863	-0.002	-0.018	-0.068
position:	36434	556045.20	0.073	0.029	1.930	-0.005	-0.032	-0.001
position:	36435	556061.59	0.079	0.038	2.007	0.001	-0.023	0.076
position:	36436	556077.97	0.096	0.049	1.919	0.018	-0.012	-0.012
position:	36437	556094.40	0.071	0.044	1.940	-0.007	-0.018	0.010
position:	36438	556110.81	0.103	0.025	1.892	0.025	-0.036	-0.038
position:	36439	556127.18	0.075	0.054	1.891	-0.003	-0.007	-0.039
position:	36440	556143.54	0.074	0.047	1.905	-0.003	-0.014	-0.025
position:	36441	556159.91	0.070	0.038	2.011	-0.007	-0.023	0.081

position:	36442	556176.24	0.085	0.051	1.951	0.008	-0.010	0.021
position:	36443	556192.57	0.089	0.038	1.900	0.011	-0.023	-0.031
position:	36444	556208.88	0.081	0.055	1.899	0.003	-0.006	-0.031
position:	36445	556225.14	0.074	0.053	1.932	-0.004	-0.009	0.002
position:	36359	553565.81	0.080	0.071	1.924	0.002	0.010	-0.007
position:	36360	553581.96	0.083	0.058	1.972	0.005	-0.003	0.042
position:	36361	553598.11	0.078	0.056	1.933	0.000	-0.006	0.003
position:	36362	553614.25	0.077	0.062	1.939	-0.001	0.000	0.008
position:	36363	553630.40	0.081	0.067	1.930	0.003	0.005	0.000
position:	36364	553646.53	0.080	0.057	1.953	0.002	-0.005	0.022
position:	36365	553662.67	0.079	0.057	1.944	0.001	-0.005	0.014
position:	36366	553678.78	0.084	0.059	1.929	0.006	-0.002	-0.001
position:	36367	553694.89	0.080	0.054	1.965	0.002	-0.008	0.034
position:	36368	553711.02	0.082	0.059	1.945	0.004	-0.002	0.014
position:	36369	553727.15	0.071	0.053	2.003	-0.007	-0.009	0.072
position:	36370	553743.24	0.074	0.058	1.924	-0.004	-0.004	-0.007
position:	36371	553759.33	0.074	0.059	1.930	-0.004	-0.002	0.000
position:	36372	553775.42	0.083	0.047	1.927	0.005	-0.014	-0.003
position:	36373	553791.48	0.087	0.054	1.935	0.009	-0.007	0.004
position:	36374	553807.54	0.082	0.044	2.049	0.004	-0.017	0.119
position:	36375	553823.58	0.077	0.046	1.962	-0.001	-0.016	0.032
position:	36376	553839.61	0.067	0.049	2.007	-0.011	-0.012	0.076
position:	36377	553855.68	0.075	0.051	1.968	-0.003	-0.011	0.038
position:	36378	553871.75	0.063	0.049	1.921	-0.015	-0.013	-0.009
position:	36379	553887.86	0.077	0.052	1.973	-0.001	-0.009	0.043
position:	36380	553903.98	0.075	0.044	2.000	-0.002	-0.018	0.070
position:	36381	553920.10	0.074	0.060	1.901	-0.004	-0.001	-0.029
position:	36382	553936.22	0.078	0.048	1.970	0.000	-0.014	0.039
position:	36383	553952.35	0.075	0.036	2.046	-0.003	-0.025	0.115
position:	36384	553968.45	0.075	0.058	1.918	-0.003	-0.003	-0.013
position:	36385	553984.54	0.082	0.054	1.935	0.004	-0.007	0.004
position:	36386	554000.65	0.071	0.041	2.006	-0.007	-0.020	0.076
position:	36387	554016.74	0.076	0.059	1.939	-0.002	-0.002	0.008
position:	36388	554032.83	0.080	0.053	1.946	0.002	-0.008	0.016
position:	36389	554048.91	0.082	0.047	1.982	0.004	-0.014	0.052
position:	36390	554065.00	0.074	0.046	1.978	-0.004	-0.016	0.047
position:	36391	554081.10	0.075	0.053	1.989	-0.003	-0.009	0.058
position:	36392	554097.21	0.075	0.043	1.959	-0.003	-0.018	0.029
position:	36393	554113.34	0.075	0.056	1.948	-0.003	-0.005	0.018
position:	36394	554129.49	0.077	0.060	1.927	-0.001	-0.001	-0.003
position:	36395	554145.63	0.086	0.062	1.922	0.008	0.001	-0.008
position:	36396	554161.77	0.079	0.057	1.937	0.001	-0.005	0.007
position:	36397	554177.92	0.088	0.044	2.008	0.010	-0.018	0.078
position:	36398	554194.11	0.070	0.035	2.009	-0.008	-0.027	0.078
position:	36399	554210.26	0.076	0.060	1.952	-0.002	-0.002	0.022
position:	36400	554226.33	0.064	0.048	1.984	-0.014	-0.013	0.053
position:	36401	554242.26	0.073	0.077	1.864	-0.005	0.016	-0.066

#### Average position offset:

East: 0.078 m  
North: 0.061 m  
Alt: 1.930 m

#### Position offset RMS:

East: 0.011 m  
North: 0.017 m  
Alt: 0.051 m

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#### Misalignment angles for the single events [deg]:

	number	time	roll	pitch	yaw	d roll	d pitch	d yaw
angle:	36589	559749.21	-0.1274	0.2864	-0.2061	-0.0061	0.0021	0.0050
angle:	36590	559765.33	-0.1282	0.2852	-0.2068	-0.0069	0.0009	0.0044
angle:	36591	559781.44	-0.1288	0.2849	-0.2060	-0.0075	0.0006	0.0052
angle:	36592	559797.59	-0.1287	0.2836	-0.2037	-0.0074	-0.0007	0.0074
angle:	36593	559813.73	-0.1297	0.2833	-0.2015	-0.0084	-0.0009	0.0097
angle:	36594	559829.87	-0.1306	0.2844	-0.2049	-0.0093	0.0001	0.0062
angle:	36595	559845.97	-0.1313	0.2843	-0.2058	-0.0100	0.0000	0.0053
angle:	36596	559862.05	-0.1320	0.2837	-0.2056	-0.0107	-0.0006	0.0055
angle:	36597	559878.06	-0.1324	0.2840	-0.2060	-0.0111	-0.0003	0.0052
angle:	36598	559894.04	-0.1323	0.2841	-0.2053	-0.0110	-0.0002	0.0059
angle:	36599	559909.99	-0.1322	0.2839	-0.2047	-0.0109	-0.0004	0.0065
angle:	36600	559925.95	-0.1324	0.2840	-0.2052	-0.0111	-0.0003	0.0059
angle:	36601	559941.97	-0.1327	0.2844	-0.2055	-0.0114	0.0001	0.0056
angle:	36602	559958.00	-0.1332	0.2841	-0.2059	-0.0119	-0.0002	0.0052
angle:	36603	559974.10	-0.1335	0.2840	-0.2057	-0.0122	-0.0003	0.0055
angle:	36604	559990.16	-0.1330	0.2845	-0.2064	-0.0117	0.0002	0.0047
angle:	36605	560006.18	-0.1330	0.2852	-0.2065	-0.0117	0.0009	0.0047
angle:	36606	560022.22	-0.1328	0.2847	-0.2059	-0.0115	0.0004	0.0053
angle:	36607	560038.29	-0.1330	0.2850	-0.2062	-0.0117	0.0007	0.0050
angle:	36608	560054.37	-0.1323	0.2852	-0.2057	-0.0110	0.0009	0.0055
angle:	36609	560070.43	-0.1322	0.2849	-0.2059	-0.0109	0.0006	0.0053
angle:	36610	560086.51	-0.1325	0.2853	-0.2070	-0.0112	0.0010	0.0042
angle:	36611	560102.60	-0.1323	0.2861	-0.2071	-0.0110	0.0018	0.0040
angle:	36612	560118.70	-0.1320	0.2860	-0.2062	-0.0107	0.0017	0.0049
angle:	36613	560134.78	-0.1317	0.2848	-0.2058	-0.0104	0.0005	0.0053
angle:	36614	560150.81	-0.1314	0.2847	-0.2034	-0.0101	0.0004	0.0077
angle:	36615	560166.86	-0.1328	0.2848	-0.2044	-0.0115	0.0005	0.0068
angle:	36616	560182.91	-0.1329	0.2841	-0.2037	-0.0116	-0.0002	0.0075
angle:	36617	560198.95	-0.1328	0.2849	-0.2039	-0.0115	0.0006	0.0072
angle:	36618	560215.00	-0.1324	0.2851	-0.2050	-0.0111	0.0008	0.0061

angle:	36619	560231.07	-0.1324	0.2854	-0.2054	-0.0111	0.0011	0.0057
angle:	36620	560247.17	-0.1333	0.2850	-0.2057	-0.0120	0.0007	0.0055
angle:	36621	560263.23	-0.1324	0.2853	-0.2058	-0.0111	0.0010	0.0054
angle:	36622	560279.21	-0.1323	0.2850	-0.2049	-0.0110	0.0008	0.0062
angle:	36623	560295.14	-0.1316	0.2846	-0.2053	-0.0103	0.0003	0.0058
angle:	36624	560311.13	-0.1322	0.2851	-0.2064	-0.0109	0.0008	0.0047
angle:	36625	560327.11	-0.1323	0.2851	-0.2067	-0.0110	0.0008	0.0044
angle:	36626	560343.01	-0.1314	0.2849	-0.2069	-0.0101	0.0006	0.0042
angle:	36627	560358.87	-0.1304	0.2848	-0.2074	-0.0091	0.0005	0.0038
angle:	36628	560374.81	-0.1295	0.2847	-0.2077	-0.0082	0.0004	0.0034
angle:	36629	560390.77	-0.1287	0.2845	-0.2076	-0.0074	0.0002	0.0036
angle:	36630	560406.71	-0.1278	0.2838	-0.2084	-0.0065	-0.0005	0.0028
angle:	36631	560422.63	-0.1271	0.2829	-0.2091	-0.0058	-0.0014	0.0020
angle:	36532	558165.65	-0.1223	0.2845	-0.2184	-0.0010	0.0002	-0.0073
angle:	36533	558182.08	-0.1210	0.2830	-0.2179	0.0003	-0.0013	-0.0068
angle:	36534	558198.46	-0.1211	0.2819	-0.2185	0.0002	-0.0024	-0.0073
angle:	36535	558214.90	-0.1216	0.2814	-0.2185	-0.0003	-0.0029	-0.0074
angle:	36536	558231.25	-0.1205	0.2809	-0.2190	0.0008	-0.0034	-0.0078
angle:	36537	558247.58	-0.1209	0.2804	-0.2189	0.0004	-0.0039	-0.0078
angle:	36538	558263.92	-0.1204	0.2800	-0.2191	0.0009	-0.0043	-0.0079
angle:	36539	558280.28	-0.1204	0.2797	-0.2186	0.0009	-0.0046	-0.0074
angle:	36540	558296.66	-0.1202	0.2797	-0.2189	0.0011	-0.0046	-0.0077
angle:	36541	558313.09	-0.1200	0.2799	-0.2190	0.0013	-0.0044	-0.0079
angle:	36542	558329.55	-0.1198	0.2799	-0.2191	0.0015	-0.0044	-0.0080
angle:	36543	558346.00	-0.1192	0.2794	-0.2190	0.0021	-0.0049	-0.0079
angle:	36544	558362.48	-0.1191	0.2798	-0.2187	0.0022	-0.0044	-0.0075
angle:	36545	558378.93	-0.1190	0.2800	-0.2185	0.0023	-0.0043	-0.0074
angle:	36546	558395.39	-0.1191	0.2799	-0.2188	0.0022	-0.0044	-0.0077
angle:	36547	558411.85	-0.1197	0.2798	-0.2189	0.0016	-0.0045	-0.0078
angle:	36548	558428.32	-0.1194	0.2800	-0.2184	0.0019	-0.0043	-0.0073
angle:	36549	558444.80	-0.1193	0.2799	-0.2180	0.0020	-0.0044	-0.0069
angle:	36550	558461.29	-0.1194	0.2799	-0.2194	0.0019	-0.0044	-0.0082
angle:	36551	558477.81	-0.1194	0.2803	-0.2191	0.0019	-0.0040	-0.0080
angle:	36552	558494.35	-0.1197	0.2801	-0.2189	0.0016	-0.0041	-0.0077
angle:	36553	558510.83	-0.1193	0.2804	-0.2184	0.0020	-0.0039	-0.0073
angle:	36554	558527.29	-0.1192	0.2800	-0.2178	0.0021	-0.0043	-0.0066
angle:	36555	558543.75	-0.1194	0.2799	-0.2179	0.0019	-0.0044	-0.0067
angle:	36556	558560.24	-0.1192	0.2801	-0.2182	0.0021	-0.0041	-0.0070
angle:	36557	558576.78	-0.1193	0.2801	-0.2179	0.0020	-0.0042	-0.0067
angle:	36558	558593.34	-0.1196	0.2800	-0.2173	0.0017	-0.0043	-0.0061
angle:	36559	558609.91	-0.1199	0.2804	-0.2174	0.0014	-0.0039	-0.0063
angle:	36560	558626.50	-0.1190	0.2795	-0.2168	0.0023	-0.0048	-0.0056
angle:	36561	558643.08	-0.1191	0.2800	-0.2167	0.0022	-0.0043	-0.0055
angle:	36562	558659.62	-0.1201	0.2802	-0.2162	0.0012	-0.0041	-0.0050
angle:	36563	558676.12	-0.1196	0.2802	-0.2159	0.0017	-0.0041	-0.0047
angle:	36564	558692.62	-0.1195	0.2805	-0.2152	0.0018	-0.0038	-0.0041
angle:	36565	558709.11	-0.1197	0.2802	-0.2148	0.0016	-0.0041	-0.0037
angle:	36566	558725.62	-0.1198	0.2802	-0.2143	0.0015	-0.0041	-0.0032
angle:	36567	558742.12	-0.1197	0.2804	-0.2137	0.0016	-0.0039	-0.0026
angle:	36568	558758.60	-0.1203	0.2802	-0.2137	0.0010	-0.0041	-0.0026
angle:	36569	558775.10	-0.1212	0.2799	-0.2126	0.0001	-0.0044	-0.0015
angle:	36570	558791.62	-0.1209	0.2803	-0.2118	0.0004	-0.0040	-0.0006
angle:	36571	558808.11	-0.1214	0.2797	-0.2109	-0.0001	-0.0046	0.0002
angle:	36572	558824.62	-0.1224	0.2789	-0.2106	-0.0011	-0.0054	0.0006
angle:	36573	558841.14	-0.1224	0.2785	-0.2099	-0.0011	-0.0058	0.0013
angle:	36574	558857.65	-0.1226	0.2773	-0.2100	-0.0013	-0.0070	0.0011
angle:	36489	557275.53	-0.1208	0.2893	-0.2096	0.0005	0.0050	0.0015
angle:	36490	557292.30	-0.1209	0.2884	-0.2090	0.0004	0.0041	0.0022
angle:	36491	557308.93	-0.1206	0.2864	-0.2086	0.0007	0.0021	0.0025
angle:	36492	557325.66	-0.1216	0.2867	-0.2091	-0.0003	0.0024	0.0021
angle:	36493	557342.37	-0.1205	0.2857	-0.2082	0.0008	0.0014	0.0029
angle:	36494	557359.12	-0.1212	0.2859	-0.2080	0.0001	0.0016	0.0032
angle:	36495	557375.89	-0.1216	0.2857	-0.2082	-0.0003	0.0014	0.0029
angle:	36496	557392.66	-0.1218	0.2862	-0.2071	-0.0005	0.0019	0.0040
angle:	36497	557409.41	-0.1221	0.2855	-0.2083	-0.0008	0.0012	0.0029
angle:	36498	557426.13	-0.1216	0.2850	-0.2084	-0.0003	0.0007	0.0028
angle:	36499	557442.86	-0.1221	0.2853	-0.2082	-0.0008	0.0010	0.0029
angle:	36500	557459.58	-0.1217	0.2849	-0.2080	-0.0004	0.0006	0.0031
angle:	36501	557476.30	-0.1212	0.2849	-0.2078	0.0001	0.0006	0.0033
angle:	36502	557493.01	-0.1211	0.2852	-0.2082	0.0002	0.0009	0.0030
angle:	36503	557509.73	-0.1224	0.2853	-0.2085	-0.0011	0.0010	0.0026
angle:	36504	557526.43	-0.1224	0.2850	-0.2084	-0.0011	0.0007	0.0028
angle:	36505	557543.08	-0.1216	0.2856	-0.2084	-0.0003	0.0013	0.0028
angle:	36506	557559.69	-0.1219	0.2849	-0.2087	-0.0006	0.0006	0.0025
angle:	36507	557576.27	-0.1221	0.2851	-0.2083	-0.0008	0.0008	0.0028
angle:	36508	557592.80	-0.1221	0.2854	-0.2088	-0.0008	0.0012	0.0024
angle:	36509	557609.31	-0.1218	0.2861	-0.2089	-0.0005	0.0019	0.0023
angle:	36510	557625.84	-0.1225	0.2861	-0.2089	-0.0012	0.0018	0.0023
angle:	36511	557642.39	-0.1223	0.2857	-0.2097	-0.0010	0.0014	0.0015
angle:	36512	557658.86	-0.1220	0.2854	-0.2096	-0.0007	0.0011	0.0015
angle:	36513	557675.26	-0.1228	0.2855	-0.2093	-0.0015	0.0012	0.0019
angle:	36514	557691.59	-0.1225	0.2861	-0.2097	-0.0012	0.0018	0.0014
angle:	36515	557707.88	-0.1218	0.2858	-0.2088	-0.0005	0.0015	0.0023
angle:	36516	557724.10	-0.1218	0.2862	-0.2084	-0.0005	0.0019	0.0028
angle:	36517	557740.32	-0.1220	0.2859	-0.2080	-0.0007	0.0016	0.0031
angle:	36518	557756.50	-0.1218	0.2861	-0.2082	-0.0005	0.0018	0.0030
angle:	36519	557772.67	-0.1219	0.2860	-0.2081	-0.0006	0.0017	0.0030
angle:	36520	557788.78	-0.1215	0.2857	-0.2080	-0.0002	0.0014	0.0031
angle:	36521	557804.88	-0.1213	0.2857	-0.2081	0.0000	0.0014	0.0030
angle:	36522	557820.95	-0.1215	0.2858	-0.2078	-0.0002	0.0015	0.0033
angle:	36523	557837.05	-0.1220	0.2856	-0.2072	-0.0007	0.0013	0.0040
angle:	36524	557853.13	-0.1218	0.2851	-0.2077	-0.0005	0.0008	0.0034



angle:	36525	557869.17	-0.1215	0.2849	-0.2076	-0.0002	0.0006	0.0035
angle:	36526	557885.19	-0.1211	0.2843	-0.2078	0.0002	0.0000	0.0033
angle:	36527	557901.18	-0.1214	0.2839	-0.2077	-0.0001	-0.0004	0.0034
angle:	36528	557917.15	-0.1214	0.2835	-0.2081	-0.0001	-0.0008	0.0031
angle:	36529	557933.11	-0.1220	0.2825	-0.2077	-0.0007	-0.0018	0.0034
angle:	36530	557949.04	-0.1219	0.2819	-0.2080	-0.0006	-0.0024	0.0031
angle:	36531	557964.91	-0.1222	0.2815	-0.2084	-0.0009	-0.0028	0.0028
angle:	36575	559070.68	-0.1251	0.2886	-0.2127	-0.0038	0.0043	-0.0015
angle:	36576	559087.27	-0.1246	0.2878	-0.2107	-0.0033	0.0035	0.0005
angle:	36577	559103.83	-0.1239	0.2872	-0.2108	-0.0026	0.0029	0.0004
angle:	36578	559120.36	-0.1243	0.2867	-0.2097	-0.0030	0.0024	0.0015
angle:	36579	559136.87	-0.1248	0.2858	-0.2088	-0.0035	0.0015	0.0024
angle:	36580	559153.38	-0.1247	0.2859	-0.2084	-0.0034	0.0017	0.0027
angle:	36581	559169.87	-0.1252	0.2852	-0.2082	-0.0039	0.0009	0.0029
angle:	36446	556410.02	-0.1188	0.2863	-0.2140	0.0025	0.0020	-0.0029
angle:	36447	556426.26	-0.1190	0.2852	-0.2148	0.0023	0.0009	-0.0037
angle:	36448	556442.60	-0.1201	0.2841	-0.2148	0.0012	-0.0002	-0.0037
angle:	36449	556458.99	-0.1206	0.2842	-0.2154	0.0007	-0.0001	-0.0043
angle:	36450	556475.46	-0.1197	0.2826	-0.2160	0.0016	-0.0017	-0.0049
angle:	36451	556491.99	-0.1207	0.2825	-0.2163	0.0006	-0.0018	-0.0051
angle:	36452	556508.53	-0.1208	0.2823	-0.2160	0.0005	-0.0020	-0.0049
angle:	36453	556525.05	-0.1208	0.2815	-0.2159	0.0005	-0.0028	-0.0047
angle:	36454	556541.56	-0.1215	0.2821	-0.2164	-0.0002	-0.0022	-0.0053
angle:	36455	556558.07	-0.1218	0.2813	-0.2166	-0.0005	-0.0030	-0.0054
angle:	36456	556574.54	-0.1208	0.2810	-0.2164	0.0005	-0.0033	-0.0053
angle:	36457	556591.05	-0.1209	0.2811	-0.2167	0.0004	-0.0032	-0.0055
angle:	36458	556607.52	-0.1209	0.2808	-0.2171	0.0004	-0.0034	-0.0059
angle:	36459	556624.00	-0.1207	0.2812	-0.2174	0.0006	-0.0031	-0.0062
angle:	36460	556640.40	-0.1215	0.2815	-0.2177	-0.0002	-0.0028	-0.0066
angle:	36461	556656.74	-0.1212	0.2812	-0.2181	0.0001	-0.0030	-0.0070
angle:	36462	556673.06	-0.1212	0.2813	-0.2177	0.0001	-0.0030	-0.0065
angle:	36463	556689.39	-0.1218	0.2808	-0.2178	-0.0005	-0.0035	-0.0067
angle:	36464	556705.71	-0.1217	0.2809	-0.2170	-0.0004	-0.0034	-0.0058
angle:	36465	556722.07	-0.1210	0.2809	-0.2164	0.0003	-0.0034	-0.0053
angle:	36466	556738.45	-0.1210	0.2812	-0.2171	0.0003	-0.0031	-0.0059
angle:	36467	556754.81	-0.1208	0.2808	-0.2170	0.0005	-0.0035	-0.0058
angle:	36468	556771.21	-0.1218	0.2814	-0.2173	-0.0005	-0.0029	-0.0062
angle:	36469	556787.58	-0.1217	0.2816	-0.2172	-0.0004	-0.0027	-0.0060
angle:	36470	556803.96	-0.1219	0.2814	-0.2173	-0.0006	-0.0029	-0.0062
angle:	36471	556820.36	-0.1213	0.2809	-0.2172	0.0000	-0.0034	-0.0060
angle:	36472	556836.78	-0.1213	0.2809	-0.2166	0.0000	-0.0034	-0.0054
angle:	36473	556853.26	-0.1209	0.2806	-0.2164	0.0004	-0.0037	-0.0053
angle:	36474	556869.76	-0.1208	0.2809	-0.2158	0.0005	-0.0034	-0.0047
angle:	36475	556886.24	-0.1208	0.2811	-0.2156	0.0005	-0.0032	-0.0044
angle:	36476	556902.71	-0.1207	0.2810	-0.2148	0.0006	-0.0033	-0.0037
angle:	36477	556919.14	-0.1212	0.2801	-0.2148	0.0001	-0.0042	-0.0036
angle:	36478	556935.54	-0.1211	0.2806	-0.2142	0.0002	-0.0037	-0.0031
angle:	36479	556951.94	-0.1214	0.2806	-0.2138	-0.0001	-0.0037	-0.0027
angle:	36480	556968.32	-0.1214	0.2807	-0.2131	-0.0001	-0.0036	-0.0020
angle:	36481	556984.70	-0.1211	0.2801	-0.2130	0.0002	-0.0042	-0.0018
angle:	36482	557001.07	-0.1214	0.2809	-0.2118	-0.0001	-0.0034	-0.0006
angle:	36483	557017.41	-0.1213	0.2802	-0.2111	0.0000	-0.0041	0.0000
angle:	36484	557033.77	-0.1214	0.2796	-0.2111	-0.0001	-0.0047	0.0000
angle:	36485	557050.14	-0.1212	0.2795	-0.2107	0.0001	-0.0048	0.0004
angle:	36486	557066.51	-0.1214	0.2788	-0.2106	-0.0001	-0.0055	0.0005
angle:	36487	557082.84	-0.1220	0.2784	-0.2103	-0.0007	-0.0059	0.0008
angle:	36488	557099.14	-0.1222	0.2782	-0.2093	-0.0009	-0.0061	0.0018
angle:	36582	559354.09	-0.1258	0.2791	-0.2071	-0.0045	-0.0052	0.0041
angle:	36583	559370.66	-0.1263	0.2792	-0.2065	-0.0050	-0.0051	0.0046
angle:	36584	559387.18	-0.1263	0.2792	-0.2067	-0.0050	-0.0051	0.0044
angle:	36585	559403.69	-0.1260	0.2780	-0.2070	-0.0047	-0.0063	0.0042
angle:	36586	559420.21	-0.1257	0.2778	-0.2071	-0.0044	-0.0065	0.0041
angle:	36587	559436.70	-0.1257	0.2769	-0.2071	-0.0044	-0.0074	0.0041
angle:	36588	559453.09	-0.1259	0.2768	-0.2060	-0.0046	-0.0075	0.0051
angle:	36403	555534.34	-0.1142	0.2905	-0.2118	0.0071	0.0062	-0.0007
angle:	36404	555550.92	-0.1147	0.2896	-0.2098	0.0066	0.0053	0.0014
angle:	36405	555567.53	-0.1136	0.2891	-0.2081	0.0077	0.0048	0.0030
angle:	36406	555584.17	-0.1128	0.2893	-0.2065	0.0085	0.0050	0.0047
angle:	36407	555600.77	-0.1131	0.2887	-0.2057	0.0082	0.0044	0.0054
angle:	36408	555617.34	-0.1132	0.2892	-0.2052	0.0081	0.0049	0.0059
angle:	36409	555633.87	-0.1120	0.2888	-0.2050	0.0093	0.0045	0.0062
angle:	36410	555650.39	-0.1120	0.2881	-0.2051	0.0093	0.0038	0.0060
angle:	36411	555666.89	-0.1121	0.2881	-0.2041	0.0092	0.0038	0.0070
angle:	36412	555683.41	-0.1120	0.2882	-0.2038	0.0093	0.0039	0.0074
angle:	36413	555699.95	-0.1122	0.2879	-0.2033	0.0091	0.0036	0.0079
angle:	36414	555716.52	-0.1116	0.2874	-0.2038	0.0097	0.0031	0.0073
angle:	36415	555733.05	-0.1125	0.2878	-0.2037	0.0088	0.0035	0.0074
angle:	36416	555749.60	-0.1122	0.2880	-0.2037	0.0091	0.0037	0.0075
angle:	36417	555766.15	-0.1120	0.2883	-0.2036	0.0093	0.0040	0.0075
angle:	36418	555782.65	-0.1115	0.2883	-0.2028	0.0098	0.0040	0.0083
angle:	36419	555799.14	-0.1112	0.2885	-0.2039	0.0101	0.0042	0.0072
angle:	36420	555815.62	-0.1114	0.2879	-0.2029	0.0099	0.0036	0.0082
angle:	36421	555832.12	-0.1121	0.2881	-0.2032	0.0092	0.0038	0.0080
angle:	36422	555848.62	-0.1120	0.2873	-0.2027	0.0093	0.0030	0.0084
angle:	36423	555865.10	-0.1116	0.2876	-0.2038	0.0097	0.0033	0.0074
angle:	36424	555881.59	-0.1121	0.2873	-0.2034	0.0092	0.0030	0.0077
angle:	36425	555898.07	-0.1123	0.2880	-0.2032	0.0090	0.0037	0.0079
angle:	36426	555914.50	-0.1128	0.2883	-0.2032	0.0085	0.0040	0.0079
angle:	36427	555930.88	-0.1127	0.2879	-0.2033	0.0086	0.0036	0.0079
angle:	36428	555947.29	-0.1127	0.2882	-0.2023	0.0086	0.0039	0.0088
angle:	36429	555963.69	-0.1132	0.2879	-0.2026	0.0081	0.0036	0.0085
angle:	36430	555980.02	-0.1127	0.2875	-0.2023	0.0086	0.0033	0.0088

angle:	36431	555996.31	-0.1123	0.2879	-0.2026	0.0090	0.0036	0.0085
angle:	36432	556012.59	-0.1128	0.2874	-0.2023	0.0085	0.0031	0.0088
angle:	36433	556028.91	-0.1129	0.2879	-0.2031	0.0084	0.0036	0.0081
angle:	36434	556045.20	-0.1131	0.2878	-0.2028	0.0082	0.0035	0.0083
angle:	36435	556061.59	-0.1127	0.2868	-0.2032	0.0086	0.0025	0.0079
angle:	36436	556077.97	-0.1132	0.2868	-0.2040	0.0081	0.0025	0.0071
angle:	36437	556094.40	-0.1132	0.2867	-0.2047	0.0081	0.0024	0.0065
angle:	36438	556110.81	-0.1137	0.2868	-0.2040	0.0076	0.0025	0.0071
angle:	36439	556127.18	-0.1136	0.2870	-0.2038	0.0077	0.0027	0.0073
angle:	36440	556143.54	-0.1141	0.2863	-0.2035	0.0072	0.0020	0.0076
angle:	36441	556159.91	-0.1140	0.2858	-0.2038	0.0073	0.0015	0.0073
angle:	36442	556176.24	-0.1142	0.2864	-0.2026	0.0071	0.0021	0.0086
angle:	36443	556192.57	-0.1152	0.2863	-0.2031	0.0061	0.0020	0.0081
angle:	36444	556208.88	-0.1150	0.2848	-0.2048	0.0063	0.0005	0.0064
angle:	36445	556225.14	-0.1166	0.2846	-0.2039	0.0047	0.0003	0.0072
angle:	36359	553565.81	-0.1158	0.2883	-0.2162	0.0055	0.0040	-0.0051
angle:	36360	553581.96	-0.1182	0.2881	-0.2166	0.0031	0.0038	-0.0055
angle:	36361	553598.11	-0.1171	0.2886	-0.2174	0.0042	0.0043	-0.0063
angle:	36362	553614.25	-0.1174	0.2881	-0.2180	0.0039	0.0038	-0.0068
angle:	36363	553630.40	-0.1191	0.2884	-0.2184	0.0022	0.0042	-0.0072
angle:	36364	553646.53	-0.1186	0.2886	-0.2179	0.0027	0.0043	-0.0068
angle:	36365	553662.67	-0.1183	0.2888	-0.2174	0.0030	0.0045	-0.0062
angle:	36366	553678.78	-0.1189	0.2883	-0.2185	0.0024	0.0040	-0.0074
angle:	36367	553694.89	-0.1195	0.2883	-0.2196	0.0018	0.0040	-0.0085
angle:	36368	553711.02	-0.1196	0.2883	-0.2210	0.0017	0.0040	-0.0098
angle:	36369	553727.15	-0.1189	0.2880	-0.2194	0.0024	0.0037	-0.0083
angle:	36370	553743.24	-0.1189	0.2868	-0.2182	0.0024	0.0025	-0.0070
angle:	36371	553759.33	-0.1185	0.2865	-0.2186	0.0028	0.0022	-0.0075
angle:	36372	553775.42	-0.1194	0.2867	-0.2193	0.0019	0.0024	-0.0081
angle:	36373	553791.48	-0.1202	0.2872	-0.2198	0.0011	0.0030	-0.0086
angle:	36374	553807.54	-0.1197	0.2878	-0.2201	0.0016	0.0035	-0.0089
angle:	36375	553823.58	-0.1199	0.2865	-0.2203	0.0014	0.0022	-0.0091
angle:	36376	553839.61	-0.1203	0.2868	-0.2213	0.0010	0.0025	-0.0101
angle:	36377	553855.68	-0.1195	0.2874	-0.2208	0.0018	0.0031	-0.0097
angle:	36378	553871.75	-0.1189	0.2874	-0.2204	0.0024	0.0032	-0.0093
angle:	36379	553887.86	-0.1190	0.2869	-0.2196	0.0023	0.0026	-0.0084
angle:	36380	553903.98	-0.1196	0.2872	-0.2189	0.0017	0.0029	-0.0078
angle:	36381	553920.10	-0.1197	0.2870	-0.2180	0.0016	0.0027	-0.0069
angle:	36382	553936.22	-0.1191	0.2873	-0.2181	0.0022	0.0030	-0.0069
angle:	36383	553952.35	-0.1198	0.2872	-0.2179	0.0015	0.0030	-0.0068
angle:	36384	553968.45	-0.1211	0.2877	-0.2184	0.0002	0.0034	-0.0073
angle:	36385	553984.54	-0.1205	0.2871	-0.2182	0.0008	0.0028	-0.0070
angle:	36386	554000.65	-0.1200	0.2870	-0.2175	0.0013	0.0027	-0.0063
angle:	36387	554016.74	-0.1196	0.2868	-0.2174	0.0017	0.0026	-0.0062
angle:	36388	554032.83	-0.1189	0.2866	-0.2162	0.0024	0.0023	-0.0050
angle:	36389	554048.91	-0.1200	0.2868	-0.2156	0.0013	0.0025	-0.0045
angle:	36390	554065.00	-0.1206	0.2868	-0.2150	0.0007	0.0025	-0.0038
angle:	36391	554081.10	-0.1206	0.2860	-0.2145	0.0007	0.0017	-0.0033
angle:	36392	554097.21	-0.1205	0.2865	-0.2152	0.0008	0.0022	-0.0041
angle:	36393	554113.34	-0.1203	0.2866	-0.2163	0.0010	0.0023	-0.0052
angle:	36394	554129.49	-0.1195	0.2866	-0.2159	0.0018	0.0023	-0.0048
angle:	36395	554145.63	-0.1189	0.2866	-0.2147	0.0024	0.0023	-0.0035
angle:	36396	554161.77	-0.1193	0.2863	-0.2149	0.0020	0.0020	-0.0038
angle:	36397	554177.92	-0.1191	0.2861	-0.2146	0.0022	0.0018	-0.0035
angle:	36398	554194.11	-0.1181	0.2863	-0.2149	0.0032	0.0020	-0.0037
angle:	36399	554210.26	-0.1187	0.2869	-0.2151	0.0026	0.0026	-0.0039
angle:	36400	554226.33	-0.1185	0.2861	-0.2141	0.0028	0.0018	-0.0029
angle:	36401	554242.26	-0.1178	0.2863	-0.2148	0.0035	0.0020	-0.0037

#### Average Boresight Angles:

Roll: -0.1213 deg  
Pitch: 0.2843 deg  
Yaw: -0.2111 deg

#### Boresight Angle RMS:

Roll: 0.0055 deg  
Pitch: 0.0032 deg  
Yaw: 0.0057 deg

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Success!!

Boresight Calculation finished