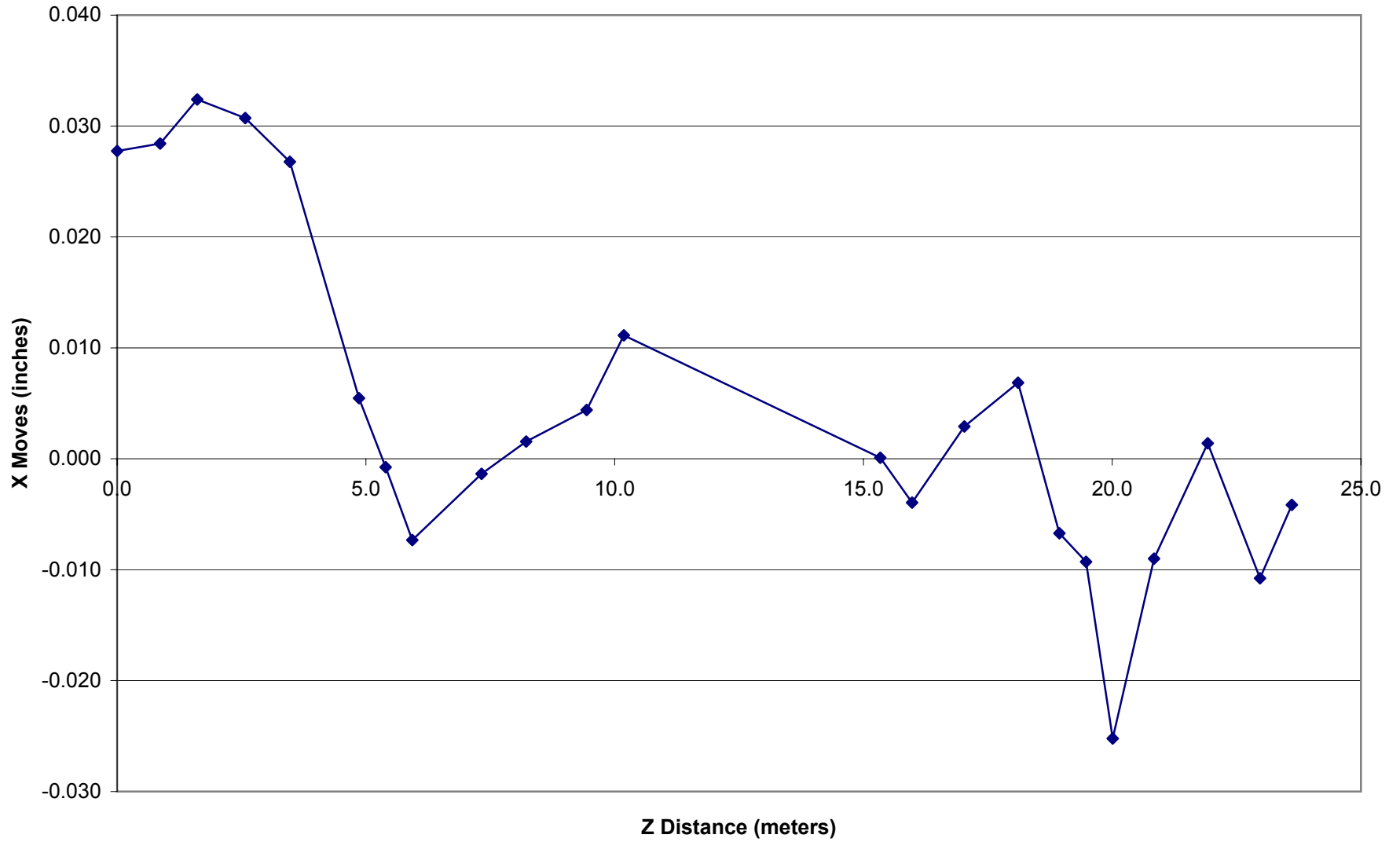
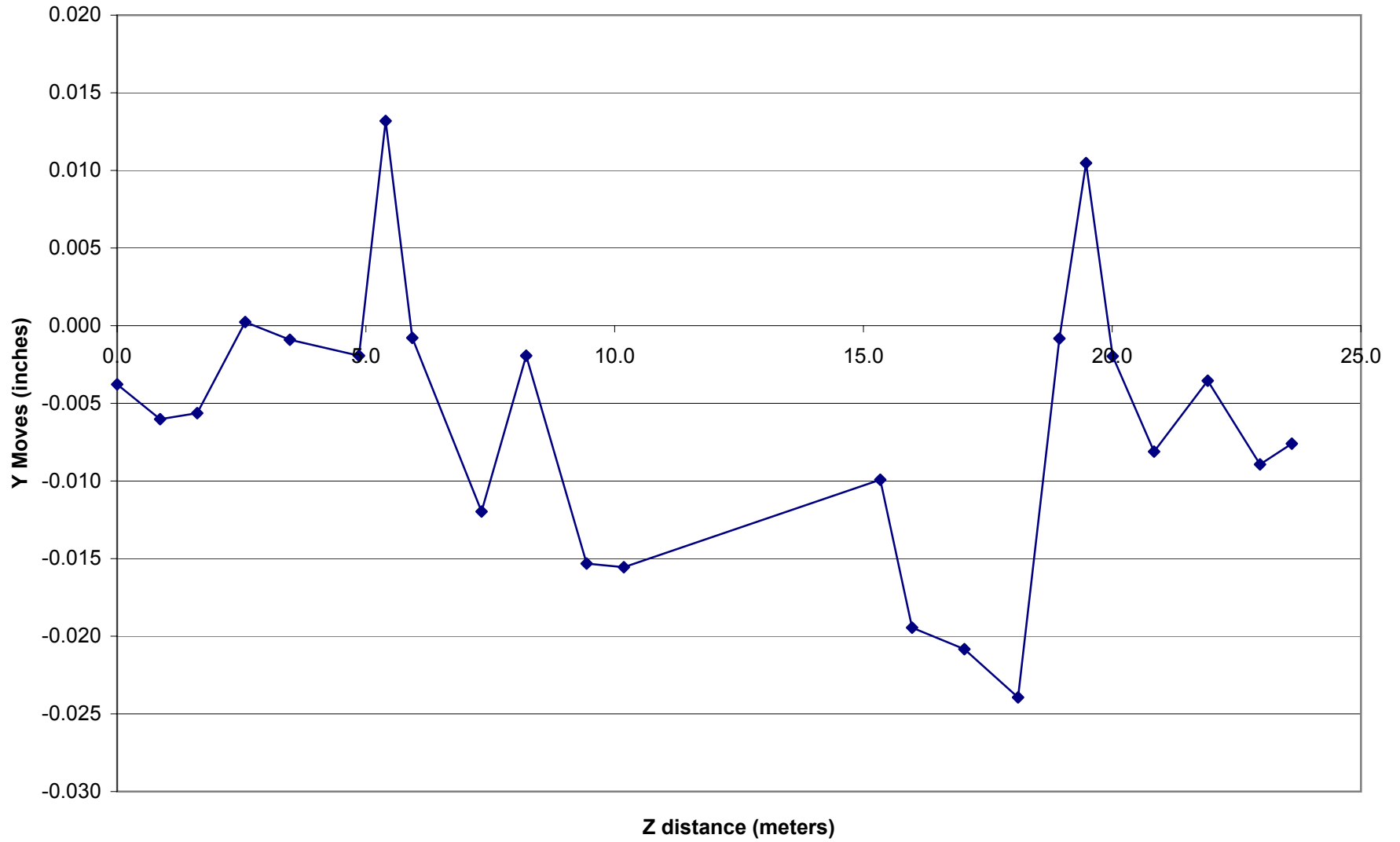


### Magnet X Moves



### Magnet Y Moves



<b>Name</b>	<b>Z Dist (m)</b>	<b>Z (in)</b>	<b>X (in)</b>	<b>Y (in)</b>
SC10QDXM	0.00000	-0.007	0.028	-0.004
SC10QFXM	0.86478	-0.001	0.028	-0.006
SC10QDYM	1.61047	-0.026	0.032	-0.006
SC10BM1M	2.57347	-0.017	0.031	0.000
SC10SD1M	3.47173	-0.017	0.027	-0.001
SC10SF1M	4.86223	-0.017	0.005	-0.002
SC10QFYM	5.39771	-0.002	-0.001	0.013
SC10SF2M	5.93279	-0.005	-0.007	-0.001
SC10SD2M	7.32414	-0.005	-0.001	-0.012
SC10BM2M	8.22255	-0.008	0.002	-0.002
SC10QDZM	9.43538	-0.003	0.004	-0.015
SC10QFZM	10.18541	-0.002	0.011	-0.016
SC11QF1M	15.33895	-0.010	0.000	-0.010
SC11QD1M	15.97837	-0.013	-0.004	-0.019
SC11BM1M	17.02927	-0.036	0.003	-0.021
SC11SD1M	18.10863	-0.026	0.007	-0.024
SC11SF1M	18.94000	-0.003	-0.007	-0.001
SC11QFCM	19.47535	-0.017	-0.009	0.010
SC11SF2M	20.01019	-0.011	-0.025	-0.002
SC11SD2M	20.84119	-0.028	-0.009	-0.008
SC11BM2M	21.92094	-0.023	0.001	-0.004
SC11QD2M	22.97132	-0.005	-0.011	-0.009
SC11QF2M	23.61081	-0.014	-0.004	-0.008

09/11/03 SPEAR3 SS

BIAS 6000.00000 3000.00000 500.00000

	Z	X	Y	yaw
SC10M	5990.64562	2967.81086	575.79119	-187.9412
SC10QDXM	5996.02000	2967.42037	575.79118	-180.0000
SC10QDX1	5996.18057	2967.13493	576.20270	-180.0000
SC10QDX2	5995.85934	2967.13464	576.20277	-180.0000
SC10QDX3	5996.18074	2967.70615	576.20271	-180.0000
SC10QDX4	5995.85935	2967.70620	576.20268	-180.0000
SC10QDX5	5996.15132	2967.80644	575.67167	-180.0000
SC10QDX6	5995.90324	2967.80645	575.67182	-180.0000
SC10HV1M	5996.02000	2967.42037	575.79118	-180.0000
SC10HV11	5996.02007	2967.42858	575.53222	-180.0000
SC10HV12	5996.02004	2967.67552	575.53197	-180.0000
SC10HV1A	5996.02000	2967.92844	575.79118	-180.0000
SC10HV1B	5996.02000	2967.92844	575.79118	-180.0000
SC10HV1C	5996.02000	2967.92844	575.79118	-180.0000
SC10HV1D	5996.02000	2967.92844	575.79118	-180.0000
SC10HV1E	5996.02000	2967.42037	576.24673	-180.0000
SC10HV1F	5996.02000	2967.42037	576.24673	-180.0000
SC10QFXM	5995.15500	2967.42037	575.79119	-180.0000
SC10QFX1	5995.44243	2967.13700	576.20255	-180.0000
SC10QFX2	5994.86740	2967.13565	576.20283	-180.0000
SC10QFX3	5995.44131	2967.70421	576.20272	-180.0000
SC10QFX4	5994.86906	2967.70246	576.20271	-180.0000
SC10QFX5	5995.41750	2967.80648	575.67144	-180.0000
SC10QFX6	5994.87074	2967.80654	575.67152	-180.0000
SC10QDYM	5994.41000	2967.42037	575.79119	-180.0000
SC10QDY1	5994.57039	2967.13498	576.20265	-180.0000
SC10QDY2	5994.25041	2967.13500	576.20269	-180.0000
SC10QDY3	5994.56986	2967.70603	576.20271	-180.0000
SC10QDY4	5994.25052	2967.70569	576.20269	-180.0000
SC10QDY5	5994.54227	2967.80646	575.67168	-180.0000
SC10QDY6	5994.29493	2967.80651	575.67167	-180.0000
SC10BM1M	5993.44737	2967.45538	575.79119	-183.9706
SC10BM1V	5993.44494	2967.42037	575.79119	-183.9706
SC10BM11	5993.93344	2967.33395	576.22290	-183.9706
SC10BM12	5992.94979	2967.40222	576.22290	-183.9706
SC10BM13	5993.97930	2967.98908	576.22280	-183.9706
SC10BM14	5992.99545	2968.05699	576.22278	-183.9706
SC10BM15	5993.98323	2968.03549	575.50109	-183.9706
SC10BM16	5993.00061	2968.10365	575.50172	-183.9706
SC10CM1M	5993.44494	2967.42037	575.79119	-180.0000
SC10CM11	5996.28405	2967.57160	575.90193	-180.0000
SC10CM12	5996.28578	2967.23349	575.90242	-180.0000
SC10CM13	5995.65724	2967.32945	575.85237	-180.0000
SC10CM14	5994.74498	2967.47780	575.92097	-180.0000
SC10CM15	5994.74601	2967.27772	575.92177	-180.0000
SC10CM16	5994.69601	2967.47559	575.92319	-180.0000
SC10CM17	5994.69593	2967.27920	575.92329	-180.0000

SC10CM18	5993.45366	2967.31225	575.85150	-180.0000
SC10CM19	5992.72962	2967.51838	575.90308	-180.0000
SC10CM10	5992.70349	2967.31885	575.90290	-180.0000
SC10CM1A	5991.83664	2967.51875	575.85239	-180.0000
SC10CM1B	5991.67681	2967.71815	575.90224	-180.0000
SC10CM1C	5991.62660	2967.36246	575.90223	-180.0000
SC10SD1M	5992.55351	2967.54472	575.79119	-187.9412
SC10SD11	5992.62776	2967.42611	576.18493	-187.9412
SC10SD12	5992.45109	2967.45106	576.18510	-187.9412
SC10SD13	5992.68249	2967.79624	576.10952	-187.9412
SC10SD14	5992.53271	2967.81709	576.10957	-187.9412
SC10SD15	5992.70016	2967.91057	575.79109	-187.9412
SC10SD16	5992.51145	2967.93681	575.79078	-187.9412
SC10HV2M	5992.55351	2967.54472	575.79119	-187.9412
SC10HV21	5992.55472	2967.55284	575.53222	-187.9412
SC10HV22	5992.58881	2967.79742	575.53197	-187.9412
SC10HV2A	5992.62371	2968.04792	575.79118	-187.9412
SC10HV2B	5992.62371	2968.04792	575.79118	-187.9412
SC10HV2C	5992.62371	2968.04792	575.79118	-187.9412
SC10HV2D	5992.62371	2968.04792	575.79118	-187.9412
SC10HV2E	5992.55351	2967.54472	576.24674	-187.9412
SC10HV2F	5992.55351	2967.54472	576.24674	-187.9412
SC10SF1M	5991.17549	2967.73694	575.79119	-187.9412
SC10SF11	5991.25496	2967.61811	576.18514	-187.9412
SC10SF12	5991.06704	2967.64316	576.18521	-187.9412
SC10SF13	5991.30358	2967.98885	576.10942	-187.9412
SC10SF14	5991.15479	2968.00919	576.10967	-187.9412
SC10SF15	5991.32364	2968.10256	575.79185	-187.9412
SC10SF16	5991.13362	2968.12908	575.79205	-187.9412
SC10QFYM	5990.64562	2967.81086	575.79119	-187.9412
SC10QFY1	5990.84436	2967.49536	576.20276	-187.9412
SC10QFY2	5990.36830	2967.56146	576.20279	-187.9412
SC10QFY3	5990.92282	2968.06066	576.20282	-187.9412
SC10QFY4	5990.44678	2968.12670	576.20279	-187.9412
SC10QFY5	5990.90844	2968.16404	575.66957	-187.9412
SC10QFY6	5990.46262	2968.22621	575.66896	-187.9412
SC10CMYM	5990.64562	2967.81086	575.79119	-187.9412
SC10CMY1	5991.00509	2967.84868	575.90318	-187.9412
SC10CMY2	5990.96581	2967.57923	575.90231	-187.9412
SC10CMY3	5989.72137	2968.08004	575.90305	-187.9412
SC10CMY4	5989.65317	2967.60674	575.86655	-187.9412
SC10CMY5	5989.77829	2967.73781	575.84415	-187.9412
SC10SF2M	5990.11575	2967.88477	575.79119	-187.9412
SC10SF21	5990.18986	2967.76617	576.18523	-187.9412
SC10SF22	5990.01164	2967.79150	576.18523	-187.9412
SC10SF23	5990.24447	2968.13646	576.10947	-187.9412
SC10SF24	5990.09471	2968.15719	576.10957	-187.9412
SC10SF25	5990.26302	2968.25049	575.79137	-187.9412
SC10SF26	5990.07324	2968.27697	575.79137	-187.9412
SC10HV3M	5989.84259	2967.92287	575.79119	-187.9412
SC10HV31	5989.84380	2967.93100	575.53222	-187.9412

SC10HV32	5989.87789	2968.17558	575.53197	-187.9412
SC10HV3A	5989.91279	2968.42608	575.79119	-187.9412
SC10HV3B	5989.91279	2968.42608	575.79119	-187.9412
SC10HV3C	5989.91279	2968.42608	575.79119	-187.9412
SC10HV3D	5989.91279	2968.42608	575.79119	-187.9412
SC10HV3E	5989.84259	2967.92287	576.24674	-187.9412
SC10HV3F	5989.84259	2967.92287	576.24674	-187.9412
SC10SD2M	5988.73772	2968.07700	575.79119	-187.9412
SC10SD21	5988.81713	2967.95756	576.18501	-187.9412
SC10SD22	5988.62795	2967.98391	576.18508	-187.9412
SC10SD23	5988.86570	2968.32850	576.10966	-187.9412
SC10SD24	5988.71769	2968.34971	576.10929	-187.9412
SC10SD25	5988.88491	2968.44272	575.79206	-187.9412
SC10SD26	5988.69672	2968.46903	575.79158	-187.9412
SC10BM2M	5987.85354	2968.23569	575.79119	-191.9118
SC10BM2V	5987.84630	2968.20134	575.79119	-191.9118
SC10BM21	5988.31794	2968.04837	576.22294	-191.9118
SC10BM22	5987.35305	2968.25208	576.22306	-191.9118
SC10BM23	5988.45339	2968.69028	576.22290	-191.9118
SC10BM24	5987.48805	2968.89382	576.22303	-191.9118
SC10BM25	5988.46028	2968.73717	575.49906	-191.9118
SC10BM26	5987.50364	2968.93920	575.49882	-191.9118
SC10CM2M	5987.84629	2968.20134	575.79119	-187.9412
SC10CM21	5989.39801	2967.98472	575.90348	-187.9412
SC10CM22	5989.38291	2967.87381	575.90349	-187.9412
SC10CM23	5988.55452	2968.10187	575.90216	-187.9412
SC10CM24	5987.75667	2968.09568	575.85194	-187.9412
SC10CM25	5986.94084	2968.45428	575.90393	-187.9412
SC10CM26	5986.87269	2968.22319	575.90407	-187.9412
SC10CM27	5986.27551	2968.43739	575.84916	-187.9412
SC10CM28	5986.19927	2968.67023	575.90247	-187.9412
SC10CM29	5986.12116	2968.39610	575.90239	-187.9412
SC10CM20	5985.75574	2969.00081	575.90232	-187.9412
SC10CM2A	5985.62152	2968.52915	575.90277	-187.9412
SC10QDZM	5986.67762	2968.53386	575.79119	-195.8824
SC10QDZ1	5986.75394	2968.21507	576.20274	-195.8824
SC10QDZ2	5986.44492	2968.30297	576.20278	-195.8824
SC10QDZ3	5986.91011	2968.76475	576.20274	-195.8824
SC10QDZ4	5986.60121	2968.85284	576.20271	-195.8824
SC10QDZ5	5986.91073	2968.86897	575.67114	-195.8824
SC10QDZ6	5986.67270	2968.93671	575.67129	-195.8824
SC10HV4M	5986.67762	2968.53386	575.79119	-195.8824
SC10HV41	5986.67994	2968.54174	575.53223	-195.8824
SC10HV42	5986.74749	2968.77927	575.53198	-195.8824
SC10HV4A	5986.81666	2969.02254	575.79119	-195.8824
SC10HV4B	5986.81666	2969.02254	575.79119	-195.8824
SC10HV4C	5986.81666	2969.02254	575.79119	-195.8824
SC10HV4D	5986.81666	2969.02254	575.79119	-195.8824
SC10HV4E	5986.67762	2968.53386	576.24674	-195.8824
SC10HV4F	5986.67762	2968.53386	576.24674	-195.8824
SC10QFZM	5985.95625	2968.73911	575.79119	-195.8824

SC10QFZ1	5986.03000	2968.43097	576.20267	-195.8824
SC10QFZ2	5985.73189	2968.51611	576.20268	-195.8824
SC10QFZ3	5986.18066	2968.96208	576.20273	-195.8824
SC10QFZ4	5985.88288	2969.04724	576.20275	-195.8824
SC10QFZ5	5986.19045	2969.07387	575.66553	-195.8824
SC10QFZ6	5985.94829	2969.14279	575.66555	-195.8824
SC11M	5977.17804	2971.70479	575.79120	-206.4706
SC11QF1M	5980.99973	2970.14936	575.79120	-195.8824
SC11QF11	5981.07601	2969.83083	576.20275	-195.8824
SC11QF12	5980.76815	2969.91879	576.20272	-195.8824
SC11QF13	5981.23172	2970.37979	576.20268	-195.8824
SC11QF14	5980.92396	2970.46722	576.20263	-195.8824
SC11QF15	5981.23189	2970.48472	575.66866	-195.8824
SC11QF16	5980.99197	2970.55291	575.66930	-195.8824
SC11HV1M	5980.99973	2970.14936	575.79120	-195.8824
SC11HV11	5981.00205	2970.15724	575.53223	-195.8824
SC11HV12	5981.06960	2970.39477	575.53198	-195.8824
SC11HV1A	5981.13877	2970.63804	575.79120	-195.8824
SC11HV1B	5981.13877	2970.63804	575.79120	-195.8824
SC11HV1C	5981.13877	2970.63804	575.79120	-195.8824
SC11HV1D	5981.13877	2970.63804	575.79120	-195.8824
SC11HV1E	5980.99973	2970.14936	576.24675	-195.8824
SC11HV1F	5980.99973	2970.14936	576.24675	-195.8824
SC11QD1M	5980.38416	2970.32450	575.79120	-195.8824
SC11QD11	5980.36900	2970.03238	576.20266	-195.8824
SC11QD12	5980.24339	2970.06762	576.20268	-195.8824
SC11QD13	5980.52513	2970.58135	576.20268	-195.8824
SC11QD14	5980.39948	2970.61682	576.20259	-195.8824
SC11QD15	5980.52671	2970.68530	575.66809	-195.8824
SC11QD16	5980.42905	2970.71310	575.66715	-195.8824
SC11BM1M	5979.38954	2970.65989	575.79120	-201.1765
SC11BM1V	5979.37126	2970.61270	575.79120	-201.1765
SC11BM11	5979.98637	2970.33503	576.22289	-201.1765
SC11BM12	5978.72825	2970.82353	576.22289	-201.1765
SC11BM13	5980.22421	2970.94723	576.22288	-201.1765
SC11BM14	5978.96589	2971.43516	576.22291	-201.1765
SC11BM15	5980.23886	2970.99130	575.49579	-201.1765
SC11BM16	5978.98382	2971.47739	575.49760	-201.1765
SC11CM1M	5979.37126	2970.61270	575.79120	-195.8824
SC11CM11	5981.29875	2970.22759	575.90232	-195.8824
SC11CM12	5981.20673	2969.89877	575.90210	-195.8824
SC11CM13	5980.22360	2970.37088	575.90227	-195.8824
SC11CM14	5979.33629	2970.52145	575.85160	-195.8824
SC11CM15	5978.55992	2970.96447	575.90245	-195.8824
SC11CM16	5978.47952	2970.80302	575.90271	-195.8824
SC11CM17	5978.08464	2971.09164	575.85331	-195.8824
SC11CM18	5978.03858	2971.31934	575.86667	-195.8824
SC11CM19	5977.85999	2970.96350	575.86677	-195.8824
SC11SD1M	5978.40170	2971.09548	575.79120	-206.4706
SC11SD11	5978.45042	2970.95164	576.18521	-206.4706
SC11SD12	5978.25616	2971.04930	576.18508	-206.4706

SC11SD13	5978.62056	2971.28409	576.10979	-206.4706
SC11SD14	5978.44196	2971.37354	576.10956	-206.4706
SC11SD15	5978.67635	2971.38603	575.79246	-206.4706
SC11SD16	5978.46951	2971.48915	575.79196	-206.4706
SC11HV2M	5978.40170	2971.09548	575.79120	-206.4706
SC11HV21	5978.40543	2971.10280	575.53224	-206.4706
SC11HV22	5978.51547	2971.32387	575.53199	-206.4706
SC11HV2A	5978.62817	2971.55029	575.79120	-206.4706
SC11HV2B	5978.62817	2971.55029	575.79120	-206.4706
SC11HV2C	5978.62817	2971.55029	575.79120	-206.4706
SC11HV2D	5978.62817	2971.55029	575.79120	-206.4706
SC11HV2E	5978.40170	2971.09548	576.24675	-206.4706
SC11HV2F	5978.40170	2971.09548	576.24675	-206.4706
SC11SF1M	5977.65695	2971.46632	575.79120	-206.4706
SC11SF11	5977.68980	2971.33040	576.18518	-206.4706
SC11SF12	5977.52880	2971.41111	576.18513	-206.4706
SC11SF13	5977.85815	2971.66397	576.10983	-206.4706
SC11SF14	5977.72276	2971.73166	576.10958	-206.4706
SC11SF15	5977.91341	2971.76599	575.79251	-206.4706
SC11SF16	5977.74174	2971.85149	575.79223	-206.4706
SC11QFCM	5977.17804	2971.70479	575.79120	-206.4706
SC11QFC1	5977.26616	2971.34173	576.20278	-206.4706
SC11QFC2	5976.83559	2971.55623	576.20271	-206.4706
SC11QFC3	5977.52068	2971.85332	576.20276	-206.4706
SC11QFC4	5977.08999	2972.06778	576.20277	-206.4706
SC11QFC5	5977.54013	2971.95580	575.67143	-206.4706
SC11QFC6	5977.14029	2972.15490	575.67140	-206.4706
SC11CMCM	5977.17804	2971.70479	575.79120	-206.4706
SC11CMC1	5977.53006	2971.62576	575.90317	-206.4706
SC11CMC2	5977.40971	2971.38276	575.90215	-206.4706
SC11CMC3	5976.38750	2972.25146	575.90329	-206.4706
SC11CMC4	5976.17304	2971.82704	575.86675	-206.4706
SC11CMC5	5976.33149	2971.91127	575.84373	-206.4706
SC11CMC6	5976.84297	2971.79713	575.85171	-206.4706
SC11CMC7	5976.84301	2971.79640	575.73118	-206.4706
SC11SF2M	5976.69913	2971.94326	575.79120	-206.4706
SC11SF21	5976.73279	2971.80713	576.18520	-206.4706
SC11SF22	5976.57100	2971.88827	576.18508	-206.4706
SC11SF23	5976.90125	2972.14133	576.10921	-206.4706
SC11SF24	5976.76667	2972.20821	576.10926	-206.4706
SC11SF25	5976.95487	2972.24325	575.79210	-206.4706
SC11SF26	5976.78461	2972.32808	575.79202	-206.4706
SC11HV3M	5976.45224	2972.06620	575.79120	-206.4706
SC11HV31	5976.45597	2972.07352	575.53224	-206.4706
SC11HV32	5976.56601	2972.29459	575.53199	-206.4706
SC11HV3A	5976.67871	2972.52101	575.79120	-206.4706
SC11HV3B	5976.67871	2972.52101	575.79120	-206.4706
SC11HV3C	5976.67871	2972.52101	575.79120	-206.4706
SC11HV3D	5976.67871	2972.52101	575.79120	-206.4706
SC11HV3E	5976.45224	2972.06620	576.24675	-206.4706
SC11HV3F	5976.45224	2972.06620	576.24675	-206.4706

SC11SD2M	5975.95438	2972.31411	575.79121	-206.4706
SC11SD21	5976.00485	2972.16929	576.18521	-206.4706
SC11SD22	5975.80735	2972.26793	576.18512	-206.4706
SC11SD23	5976.17332	2972.50369	576.10938	-206.4706
SC11SD24	5975.99400	2972.59323	576.10922	-206.4706
SC11SD25	5976.21694	2972.61082	575.79452	-206.4706
SC11SD26	5976.03152	2972.70314	575.79067	-206.4706
SC11BM2M	5975.01146	2972.83991	575.79121	-211.7647
SC11BM2V	5974.98482	2972.79689	575.79121	-211.7647
SC11BM21	5975.53820	2972.41103	576.22305	-211.7647
SC11BM22	5974.39210	2973.12058	576.22312	-211.7647
SC11BM23	5975.88421	2972.96945	576.22298	-211.7647
SC11BM24	5974.73855	2973.67874	576.22311	-211.7647
SC11BM25	5975.90861	2973.00951	575.49725	-211.7647
SC11BM26	5974.76256	2973.71914	575.49522	-211.7647
SC11CM2M	5974.98482	2972.79689	575.79121	-206.4706
SC11CM21	5975.76056	2972.36986	575.90305	-206.4706
SC11CM22	5975.68358	2972.21274	575.90307	-206.4706
SC11CM23	5974.68819	2972.82647	575.85145	-206.4706
SC11CM24	5974.25528	2973.30044	575.90242	-206.4706
SC11CM25	5974.08298	2973.06931	575.90245	-206.4706
SC11CM26	5973.81297	2973.43489	575.85010	-206.4706
SC11CM27	5973.84567	2973.68190	575.86965	-206.4706
SC11CM28	5973.53296	2973.26594	575.86922	-206.4706
SC11CM29	5973.51721	2974.10359	575.90290	-206.4706
SC11CM20	5973.32381	2973.84906	575.90292	-206.4706
SC11QD2M	5974.14442	2973.43153	575.79121	-217.0588
SC11QD21	5974.02439	2973.16398	576.20261	-217.0588
SC11QD22	5973.91998	2973.24295	576.20268	-217.0588
SC11QD23	5974.36862	2973.62018	576.20270	-217.0588
SC11QD24	5974.26391	2973.69952	576.20264	-217.0588
SC11QD25	5974.40670	2973.71729	575.66885	-217.0588
SC11QD26	5974.32942	2973.77563	575.67002	-217.0588
SC11HV4M	5974.14442	2973.43153	575.79121	-217.0588
SC11HV41	5974.14943	2973.43804	575.53224	-217.0588
SC11HV42	5974.29822	2973.63512	575.53199	-217.0588
SC11HV4A	5974.45061	2973.83698	575.79120	-217.0588
SC11HV4B	5974.45061	2973.83698	575.79120	-217.0588
SC11HV4C	5974.45061	2973.83698	575.79120	-217.0588
SC11HV4D	5974.45061	2973.83698	575.79120	-217.0588
SC11HV4E	5974.14442	2973.43153	576.24676	-217.0588
SC11HV4F	5974.14442	2973.43153	576.24676	-217.0588
SC11QF2M	5973.63369	2973.81721	575.79121	-217.0588
SC11QF21	5973.58896	2973.49232	576.20275	-217.0588
SC11QF22	5973.33341	2973.68546	576.20291	-217.0588
SC11QF23	5973.93382	2973.94853	576.20288	-217.0588
SC11QF24	5973.67801	2974.14194	576.20295	-217.0588
SC11QF25	5973.97151	2974.04603	575.66690	-217.0588
SC11QF26	5973.77139	2974.19713	575.66833	-217.0588
SC11ID1M	5972.27174	2974.84571	575.79121	-217.0588
SC11ID2M	5972.27174	2974.84571	575.79121	-217.0588

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	Z	X	Y
SC10BM21	5988.317752	2968.048334	576.222936
SC10BM22	5987.352888	2968.252127	576.223134
SC10BM23	5988.453257	2968.690272	576.222988
SC10BM24	5987.487884	2968.893835	576.223221
SC10QDZ1	5986.754033	2968.215201	576.203185
SC10QDZ2	5986.445020	2968.303153	576.203216
SC10QDZ3	5986.910252	2968.764940	576.203082
SC10QDZ4	5986.601360	2968.852975	576.203041
SC10QFZ1	5986.030061	2968.431204	576.203082
SC10QFZ2	5985.731912	2968.516383	576.203036
SC10QFZ3	5986.180753	2968.962325	576.203162
SC10QFZ4	5985.882948	2969.047521	576.203132
SC11QF11	5981.075609	2969.830820	576.202948
SC11QF12	5980.767652	2969.918811	576.202856
SC11QF13	5981.231439	2970.379744	576.203085
SC11QF14	5980.923582	2970.467195	576.202901
SC11QD11	5980.368231	2970.032375	576.203215
SC11QD12	5980.242645	2970.067740	576.203025
SC11QD13	5980.525073	2970.581079	576.203339
SC11QD14	5980.399445	2970.616752	576.203007
SC11BM11	5979.985440	2970.335260	576.223478
SC11BM12	5978.727376	2970.824008	576.223333
SC11BM13	5980.223381	2970.947423	576.223530
SC11BM14	5978.965176	2971.435595	576.223489
SC11SD11	5978.449602	2970.952086	576.185824
SC11QD24	5974.263805	2973.699205	576.202992
SC10SD11	5992.627323	2967.426968	576.185055
SC10SD12	5992.450681	2967.451901	576.185162
SC10SD15	5992.699812	2967.911333	575.790994
SC10SD16	5992.511015	2967.937609	575.790584
SC10SF11	5991.256320	2967.618359	576.185092
SC10SF12	5991.068371	2967.643475	576.185582
SC10SF15	5991.324162	2968.102651	575.791313
SC10SF16	5991.134134	2968.129174	575.791967
SC10QFY1	5990.844877	2967.495850	576.202552
SC10QFY2	5990.368823	2967.561898	576.203099
SC10QFY3	5990.923268	2968.061187	576.201821
SC10QFY4	5990.447177	2968.127151	576.202349
SC10SF21	5990.190107	2967.766278	576.185272
SC10SF22	5990.011903	2967.791509	576.185469
SC10SF25	5990.262845	2968.250385	575.790952
SC10SF26	5990.072975	2968.276845	575.791140
SC10SD22	5988.627594	2967.983915	576.185364
SC10SD25	5988.884904	2968.442697	575.792384
SC10SD26	5988.696696	2968.469023	575.791837
SC10QDX1	5996.180455	2967.135695	576.202822
SC10QDX2	5995.859204	2967.135364	576.202907

SC10QDX3	5996.180526	2967.706946	576.202777
SC10QDX4	5995.859105	2967.706927	576.202739
SC10QFX1	5995.442550	2967.137916	576.202770
SC10QFX2	5994.867420	2967.136451	576.203052
SC10QFX3	5995.441336	2967.705035	576.202807
SC10QFX4	5994.869042	2967.703201	576.202794
SC10QDY1	5994.569762	2967.135839	576.202838
SC10QDY2	5994.249685	2967.135897	576.202898
SC10QDY3	5994.569332	2967.706939	576.202797
SC10QDY4	5994.249865	2967.706632	576.202780
SC10BM11	5993.933127	2967.334744	576.222787
SC10BM12	5992.949467	2967.403080	576.223012
SC10BM13	5993.979055	2967.989892	576.222692
SC10BM14	5992.995165	2968.057845	576.222802
SC11QF22	5973.333475	2973.685103	576.203013
SC11QF21	5973.589164	2973.491991	576.202923
SC11QF24	5973.678077	2974.141686	576.203174
SC11QF23	5973.933973	2973.948175	576.203151
SC11QD22	5973.919786	2973.242718	576.202916
SC11QD21	5974.024181	2973.163710	576.202770
SC11QD23	5974.368601	2973.619780	576.202919
SC11BM22	5974.392660	2973.120389	576.223251
SC11BM21	5975.538838	2972.410866	576.223149
SC11BM24	5974.739065	2973.678561	576.223039
SC11BM23	5975.884796	2972.969317	576.222899
SC11SD22	5975.808009	2972.267383	576.185372
SC11SD21	5976.005498	2972.168720	576.185462
SC11SD26	5976.032103	2972.702681	575.790845
SC11SD25	5976.217524	2972.610270	575.794586
SC11SF22	5976.570523	2971.887811	576.185162
SC11SF21	5976.732311	2971.806665	576.185306
SC11SF26	5976.784077	2972.327687	575.792002
SC11SF25	5976.954350	2972.242821	575.792060
SC11QFC2	5976.835278	2971.556485	576.202660
SC11QFC1	5977.265931	2971.342137	576.202861
SC11QFC4	5977.089533	2972.068087	576.202239
SC11QFC3	5977.520297	2971.853798	576.202196
SC11SF12	5977.528625	2971.410912	576.185191
SC11SF11	5977.689703	2971.330277	576.185238
SC11SF16	5977.741441	2971.851462	575.792189
SC11SF15	5977.913162	2971.766009	575.792502
SC11SD12	5978.255409	2971.049817	576.185651
SC11SD16	5978.468993	2971.489605	575.792509
SC11SD15	5978.675830	2971.386517	575.793121

	Z	X	Y
SC10BM2M	5987.853342	2968.235772	575.791239
SC10QDZM	5986.677733	2968.533944	575.791579
SC10QFZM	5985.956383	2968.739366	575.791585
SC11QF1M	5980.999496	2970.149429	575.791452
SC11QD1M	5980.384461	2970.324310	575.791694
SC11BM1M	5979.388715	2970.660289	575.791729
SC10SD1M	5992.553172	2967.545454	575.791213
SC10SF1M	5991.175928	2967.737019	575.791239
SC10QFYM	5990.645559	2967.810849	575.790855
SC10SF2M	5990.115592	2967.884604	575.791210
SC10SD2M	5988.737600	2968.076982	575.791494
SC10QDXM	5996.019818	2967.421075	575.791276
SC10QFXM	5995.155038	2967.421092	575.791343
SC10QDYM	5994.409351	2967.421193	575.791333
SC10BM1M	5993.446984	2967.456189	575.791184
SC11QF2M	5973.633920	2973.816904	575.791403
SC11QD2M	5974.144150	2973.431391	575.791437
SC11BM2M	5975.011975	2972.839633	575.791300
SC11SD2M	5975.954909	2972.313591	575.791416
SC11SF2M	5976.698603	2971.942807	575.791250
SC11QFCM	5977.177551	2971.704770	575.790934
SC11SF1M	5977.656812	2971.466198	575.791221
SC11SD1M	5978.401177	2971.095935	575.791808

Observed Center Calculation

Note1: coordinates in the common unit used in observed and ideal files  
Note2: rotations in decimal degree

SC10BM2M (Z,X,Y) 5987.853342 2968.235772 575.791239  
(Tz,Tx,Ty) -0.000198 0.000082 0.000049  
(Rz,Rx,Ry) 0.002740 -0.003260 -0.010015

	Vz	Vx	Vy
1	-0.000006	-0.000021	0.000006
2	0.000011	0.000016	-0.000006
3	0.000019	0.000014	-0.000006
4	-0.000024	-0.000009	0.000006

SC10QDZM (Z,X,Y) 5986.677733 2968.533944 575.791579  
(Tz,Tx,Ty) 0.000113 0.000084 0.000389  
(Rz,Rx,Ry) 0.003539 -0.001140 0.010515

	Vz	Vx	Vy
1	-0.000009	-0.000024	-0.000000
2	-0.000007	0.000009	0.000000
3	0.000006	0.000045	0.000000
4	0.000009	-0.000029	-0.000000

SC10QFZM (Z,X,Y) 5985.956383 2968.739366 575.791585  
(Tz,Tx,Ty) 0.000133 0.000256 0.000395  
(Rz,Rx,Ry) 0.003964 0.010084 0.000383

	Vz	Vx	Vy
1	0.000021	-0.000019	0.000001
2	-0.000024	-0.000001	-0.000001
3	0.000017	0.000002	-0.000001
4	-0.000014	0.000018	0.000001

SC11QF1M (Z,X,Y) 5980.999496 2970.149429 575.791452  
(Tz,Tx,Ty) -0.000234 0.000069 0.000252  
(Rz,Rx,Ry) 0.009605 0.021581 -0.011731

	Vz	Vx	Vy
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1	0.000042	0.000018	-0.000018
2	-0.000070	-0.000003	0.000018
3	0.000070	0.000008	0.000018
4	-0.000042	-0.000023	-0.000018

SC11QD1M (Z,X,Y) 5980.384461 2970.324310 575.791694  
 (Tz,Tx,Ty) 0.000301 -0.000190 0.000494  
 (Rz,Rx,Ry) 0.074727 0.097826 0.018630

	Vz	Vx	Vy
1	0.000014	0.000031	-0.000008
2	-0.000008	-0.000008	0.000008
3	0.000010	-0.000031	0.000008
4	-0.000015	0.000008	-0.000008

SC11BM1M (Z,X,Y) 5979.388715 2970.660289 575.791729  
 (Tz,Tx,Ty) -0.000825 0.000399 0.000529  
 (Rz,Rx,Ry) 0.011176 0.007399 -0.006394

	Vz	Vx	Vy
1	0.000014	-0.000004	0.000019
2	-0.000025	-0.000002	-0.000019
3	-0.000004	0.000005	-0.000019
4	0.000015	0.000001	0.000019

SC10SD1M (Z,X,Y) 5992.553172 2967.545454 575.791213  
 (Tz,Tx,Ty) -0.000338 0.000734 0.000023  
 (Rz,Rx,Ry) -0.007943 0.014528 0.022824

	Vz	Vx	Vy
1	-0.000015	-0.000043	0.000036
2	0.000016	-0.000036	0.000027
5	0.000041	0.000008	-0.000011
6	-0.000042	0.000071	-0.000052

SC10SF1M (Z,X,Y) 5991.175928 2967.737019 575.791239  
 (Tz,Tx,Ty) 0.000438 0.000079 0.000049  
 (Rz,Rx,Ry) 0.011136 -0.135571 0.032404

	Vz	Vx	Vy
1	0.000013	-0.000038	0.000024
2	-0.000021	-0.000008	0.000014
5	0.000011	0.000040	-0.000028

6 -0.000002 0.000006 -0.000009

SC10QFYM (Z,X,Y) 5990.645559 2967.810849 575.790855  
(Tz,Tx,Ty) -0.000061 -0.000011 -0.000335  
(Rz,Rx,Ry) -0.009165 -0.074103 0.067811

	Vz	Vx	Vy
1	-0.000005	-0.000018	0.000010
2	0.000012	0.000006	-0.000010
3	0.000017	0.000006	-0.000010
4	-0.000024	0.000006	0.000010

SC10SF2M (Z,X,Y) 5990.115592 2967.884604 575.791210  
(Tz,Tx,Ty) -0.000158 -0.000166 0.000020  
(Rz,Rx,Ry) -0.011104 -0.058562 0.038871

	Vz	Vx	Vy
1	-0.000021	-0.000008	0.000017
2	-0.000000	-0.000073	0.000049
5	0.000053	0.000032	-0.000039
6	-0.000032	0.000049	-0.000027

SC10SD2M (Z,X,Y) 5988.737600 2968.076982 575.791494  
(Tz,Tx,Ty) -0.000120 -0.000018 0.000304  
(Rz,Rx,Ry) 0.014499 0.028322 0.003955

	Vz	Vx	Vy
2	-0.000018	-0.000032	0.000028
5	0.000022	0.000032	-0.000028
6	-0.000003	0.000000	0.000000

SC10QDXM (Z,X,Y) 5996.019818 2967.421075 575.791276  
(Tz,Tx,Ty) -0.000182 0.000705 0.000096  
(Rz,Rx,Ry) -0.010279 -0.000621 0.006669

	Vz	Vx	Vy
1	0.000011	-0.000017	-0.000006
2	-0.000010	-0.000000	0.000006
3	0.000015	0.000014	0.000006
4	-0.000016	0.000003	-0.000006

SC10QFXM (Z,X,Y) 5995.155038 2967.421092 575.791343  
(Tz,Tx,Ty) 0.000038 0.000722 0.000153  
(Rz,Rx,Ry) -0.008315 0.000089 0.013691

	Vz	Vx	Vy
1	0.000042	0.000054	-0.000001
2	-0.000058	0.000022	0.000001
3	0.000030	-0.000037	0.000001
4	-0.000014	-0.000038	-0.000001

SC10QDYM (Z,X,Y) 5994.409351 2967.421193 575.791333  
(Tz,Tx,Ty) -0.000649 0.000823 0.000143  
(Rz,Rx,Ry) 0.008018 -0.002057 0.010991

	Vz	Vx	Vy
1	0.000046	-0.000020	-0.000004
2	-0.000051	-0.000027	0.000004
3	0.000066	0.000030	0.000004
4	-0.000061	0.000018	-0.000004

SC10BM1M (Z,X,Y) 5993.446984 2967.456189 575.791184  
(Tz,Tx,Ty) -0.000386 0.000809 -0.000006  
(Rz,Rx,Ry) 0.003525 -0.010544 0.002980

	Vz	Vx	Vy
1	0.000001	-0.000007	-0.000024
2	-0.000013	-0.000002	0.000024
3	0.000028	0.000013	0.000024
4	-0.000016	-0.000004	-0.000024

SC11QF2M (Z,X,Y) 5973.633920 2973.816904 575.791403  
(Tz,Tx,Ty) 0.000230 -0.000306 0.000193  
(Rz,Rx,Ry) -0.004910 0.014964 -0.002445

	Vz	Vx	Vy
2	-0.000069	-0.000008	-0.000006
1	0.000054	-0.000001	0.000006
4	-0.000027	0.000066	0.000006
3	0.000042	-0.000057	-0.000006

SC11QD2M (Z,X,Y) 5974.144150 2973.431391 575.791437  
(Tz,Tx,Ty) -0.000270 -0.000139 0.000227  
(Rz,Rx,Ry) 0.023168 -0.022983 -0.024752

	Vz	Vx	Vy
2	-0.000013	-0.000006	0.000000
1	0.000004	-0.000002	-0.000000
3	0.000009	0.000008	0.000000

SC11BM2M (Z,X,Y) 5975.011975 2972.839633 575.791300  
 (Tz,Tx,Ty) 0.000515 -0.000277 0.000090  
 (Rz,Rx,Ry) -0.003294 -0.009528 0.013693

	Vz	Vx	Vy
2	-0.000010	0.000019	0.000005
1	0.000027	-0.000020	-0.000005
4	-0.000023	0.000011	-0.000005
3	0.000007	-0.000009	0.000005

SC11SD2M (Z,X,Y) 5975.954909 2972.313591 575.791416  
 (Tz,Tx,Ty) 0.000529 -0.000519 0.000206  
 (Rz,Rx,Ry) 0.007088 -0.021484 -0.001338

	Vz	Vx	Vy
2	-0.000012	-0.000037	-0.000008
1	-0.000011	-0.000035	0.000068
6	0.000006	0.000070	-0.000011
5	0.000017	0.000002	-0.000049

SC11SF2M (Z,X,Y) 5976.698603 2971.942807 575.791250  
 (Tz,Tx,Ty) -0.000527 -0.000453 0.000050  
 (Rz,Rx,Ry) -0.002120 -0.008394 0.004067

	Vz	Vx	Vy
2	-0.000010	-0.000029	0.000009
1	-0.000015	-0.000041	0.000051
6	0.000008	0.000057	-0.000028
5	0.000018	0.000014	-0.000032

SC11QFCM (Z,X,Y) 5977.177551 2971.704770 575.790934  
 (Tz,Tx,Ty) -0.000489 -0.000020 -0.000266  
 (Rz,Rx,Ry) -0.018332 -0.019946 0.053135

	Vz	Vx	Vy
2	-0.000014	0.000003	-0.000041
1	0.000000	0.000017	0.000041

4	0.000004	-0.000027	0.000041
3	0.000010	0.000007	-0.000041

SC11SF1M (Z,X,Y) 5977.656812 2971.466198 575.791221  
(Tz,Tx,Ty) -0.000138 -0.000122 0.000021  
(Rz,Rx,Ry) -0.025997 0.003247 0.003301

	Vz	Vx	Vy
2	-0.000040	-0.000041	0.000044
1	0.000001	-0.000039	0.000027
6	0.000013	0.000055	-0.000045
5	0.000026	0.000024	-0.000026

SC11SD1M (Z,X,Y) 5978.401177 2971.095935 575.791808  
(Tz,Tx,Ty) -0.000523 0.000455 0.000608  
(Rz,Rx,Ry) -0.001303 0.029438 0.013057

	Vz	Vx	Vy
2	-0.000026	-0.000024	0.000027
6	0.000016	-0.000001	-0.000005
5	0.000011	0.000026	-0.000022