



Final Survey Report Appendix

18003 USGS MO FEMA

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Section 1: Appendix

1.1 Point Summary

1.1a (Topcon SN #10004 & #10738)

Point ID	Easting (meters)	Northing (meters)	Ortho Height (meters)	Code
BE01	4138795.996	499996.017	414.864	BE
BE02	4136525.994	512223.553	418.647	BE
BE03	4139266.284	535310.272	404.450	BE
BE04	4132309.203	559337.803	436.472	BE
BE05	4117003.868	557556.987	375.382	BE
BE05c	4065265.372	428504.651	450.986	BE
BE06	4118462.735	535337.092	435.568	BE
BE06c	4076207.152	438304.771	390.170	BE
BE07	4121580.538	501528.352	434.432	BE
BE07c	4049077.913	437393.886	323.736	BE
BE08	4112122.083	520662.508	501.906	BE
BE08c	4065354.314	440156.587	316.350	BE
BE09	4093255.908	517332.996	414.759	BE
BE10	4082847.382	517550.848	387.727	BE
BE11	4048542.646	529825.617	267.400	BE
BE12	4071201.590	529936.925	352.126	BE
BE13	4089304.225	529292.984	381.830	BE
BE14	4094595.111	535114.902	408.104	BE
BE15	4075449.107	541309.238	394.140	BE
BE16	4057711.252	543157.221	317.096	BE
BE17	4046582.445	546531.659	347.301	BE
BE18	4061874.096	556690.569	259.375	BE
BE19	4082664.715	550806.025	373.864	BE
BE21	4090116.479	563216.887	344.165	BE
BE22	4066117.476	569363.365	300.543	BE
BE23	4045491.414	565593.794	170.708	BE
BE24	4075970.267	560620.937	282.383	BE
BE25	4097232.620	570058.679	377.850	BE
BE26	4075471.570	580627.608	325.040	BE
BE27	4053321.022	576368.423	315.751	BE
BE28	4095394.721	591209.635	386.014	BE
BE29	4074693.920	588785.424	335.969	BE
BE30	4048594.979	593675.726	335.297	BE
BE31	4055861.491	638026.099	259.471	BE

BE32	4077515.445	632181.241	300.248	BE
BE33	4063818.223	610904.092	316.576	BE
BE34	4091479.486	611028.251	338.249	BE
BE35	4070056.708	599726.681	342.533	BE
BE36	4058353.714	652893.282	218.061	BE
BR01	4047750.338	660766.723	181.308	BR
BR02	4061647.516	650867.705	256.807	BR
BR03	4066463.941	634151.263	264.411	BR
BR04	4047741.845	643965.329	217.480	BR
BR05	4054906.227	624056.339	241.784	BR
BR05c	4058543.229	426185.883	433.590	BR
BR06	4052159.904	607431.114	283.385	BR
BR06c	4067455.798	444864.619	300.834	BR
BR07	4074778.752	593638.255	335.146	BR
BR07c	4081933.987	434375.807	450.899	BR
BR08	4068415.328	607735.039	345.542	BR
BR09	4092980.756	603118.300	364.663	BR
BR10	4098938.931	578632.597	382.377	BR
BR11	4086289.376	566010.139	364.197	BR
BR12	4074079.846	576250.339	223.599	BR
BR13	4052041.017	581781.544	317.854	BR
BR14	4060712.050	568154.209	291.844	BR
BR15	4045633.081	558691.669	187.845	BR
BR16	4050436.023	547360.502	324.649	BR
BR17	4066040.603	533997.332	313.137	BR
BR18	4067422.734	553151.857	300.776	BR
BR19	4084726.634	555531.524	300.078	BR
BR22	4122840.876	543803.643	348.789	BR
BR23	4128903.343	506748.902	444.654	BR
BR24	4140778.465	522178.136	367.704	BR
HG01	4110654.437	512792.317	498.308	HG
HG02	4118609.671	500740.897	452.888	HG
HG05	4074297.476	536663.852	389.556	HG
HG07	4138990.769	558919.000	380.820	HG
HG08	4117966.676	563215.033	454.244	HG
HG09	4087277.111	592851.239	408.068	HG
HG10	4066494.001	643291.964	283.998	HG
HG11	4061110.268	647183.655	230.443	HG
HG12	4047876.754	622061.740	267.168	HG
HG13	4062894.912	602596.894	294.997	HG
HG14	4068504.673	579961.106	328.180	HG

HG15	4071104.887	556610.015	226.471	HG
HG16	4073585.610	547269.953	316.272	HG
HG17	4050664.576	542065.878	239.958	HG
HG18	4043698.615	553629.639	201.828	HG
HG19	4057978.878	614887.888	298.357	HG
HG20	4113368.634	532403.584	386.751	HG
HG21	4083600.789	531041.073	394.034	HG
HG22	4085063.389	603022.623	345.199	HG
HG23	4069267.693	615805.859	308.014	HG
HG24	4063537.242	595146.649	341.702	HG
HG101	4058942.417	438393.988	464.104	HG
HG102	4040184.939	443444.490	362.222	HG
HG103	4072541.421	430342.889	432.956	HG
HG104	4065365.176	416097.210	447.982	HG
LCP01	4138789.089	499984.165	414.262	BE
LCP02	4136530.279	512234.355	418.653	BE
LCP03	4139272.117	535293.794	404.322	BE
LCP04	4132309.046	559332.641	436.493	BE
LCP05	4116997.023	557548.471	374.405	BE
LCP05c	4065266.967	428510.662	451.273	LCP
LCP06	4118475.471	535315.391	435.922	BE
LCP06c	4076178.350	438305.343	389.458	LCP
LCP07	4121573.120	501543.144	434.378	BE
LCP07c	4049081.716	437416.543	324.347	LCP
LCP08	4112130.285	520671.226	501.862	BE
LCP08c	4065379.544	440142.410	316.504	LCP
LCP09	4093269.124	517337.202	415.362	BE
LCP10	4082843.073	517536.007	387.168	BE
LCP11	4048532.638	529826.884	267.308	BE
LCP12	4071202.355	529947.604	352.257	BE
LCP14	4094569.228	535071.040	408.595	BE
LCP15	4075461.360	541283.124	393.055	BE
LCP16	4057676.216	543133.106	317.374	BE
LCP17	4046565.761	546513.368	348.883	BE
LCP18	4061859.059	556685.324	260.979	BE
LCP19	4082661.408	550802.571	373.613	LCP
LCP20	4081919.205	542547.716	350.580	LCP
LCP21	4090115.956	563225.965	344.076	BE
LCP22	4066124.530	569359.428	300.821	BE
LCP23	4045522.739	565642.458	170.449	BE
LCP24	4075966.797	560611.039	281.852	LCP

LCP25	4097243.011	570076.543	377.121	BE
LCP26	4075490.466	580657.534	325.712	BE
LCP27	4053324.651	576394.451	316.415	BE
LCP28	4095400.352	591219.100	385.870	LCP
LCP29	4074683.609	588785.043	335.971	BE
LCP30	4048587.588	593674.953	335.107	LCP
LCP31	4055869.533	638023.611	259.269	LCP
LCP32	4077507.829	632181.887	300.169	LCP
LCP33	4063826.029	610906.081	316.987	LCP
LCP34	4091491.365	611028.366	337.796	LCP
LCP35	4070054.719	599731.564	342.432	LCP
LCP36	4058352.992	652899.479	217.765	LCP
LCP37	4056960.675	616600.406	293.846	LCP
LCP38	4049912.787	622311.207	292.599	LCP
LCP39	4063255.366	624784.523	297.438	LCP
LCP40	4069321.105	621596.398	296.288	LCP
LCP41	4067376.940	616682.367	285.784	LCP
LCP49	4083590.479	531028.700	392.550	BE
LCP50	4073679.033	552593.005	312.840	BE
LCP51	4140752.001	522185.551	366.598	BE
LCP54	4090381.155	516421.650	429.793	BE
LCP55	4128178.018	498895.909	451.384	BE
LCP111	4058524.522	426231.039	434.564	LCP
LCP112	4074822.884	419931.839	436.865	LCP
LCP113	4083678.489	408408.878	383.073	LCP
LCPX501	4042125.551	576987.185	212.465	BE
LCPX502	4051714.328	553281.276	309.797	BE
LCPX503	4091794.275	579739.929	372.683	BE
LCPX504	4130387.961	563577.329	404.497	BE
LCPX505	4111074.398	528022.422	416.655	BE
LCPX506	4084208.486	523115.980	399.303	BE
NVAX501	4045628.779	558710.028	187.584	BE
NVAX502	4050437.913	547335.551	325.191	BE
NVAX503	4087262.314	577648.922	334.514	UR
NVAX504	4117947.446	563229.609	455.309	UR
NVAX505	4120271.515	510545.566	461.137	BE
NVAX506	4074280.150	536635.472	389.283	UR
OT01	4056637.373	657582.400	217.894	BE
OT02	4047852.086	659684.236	176.310	BE
OT03	4048765.230	635658.190	198.960	BE
OT03c	4068922.279	411850.083	412.498	BE

OT04	4047628.703	617138.439	276.940	BE
OT04c	4074840.156	419950.354	436.676	BE
OT05	4064811.437	628020.814	293.916	BE
OT05c	4073196.945	438383.189	352.910	BE
OT06	4070992.439	647573.619	266.057	BE
OT06c	4046831.357	430202.167	338.396	BE
OT07	4074227.626	614181.035	320.882	BE
OT07c	4054756.179	442941.320	343.669	BE
OT08	4081932.071	597419.740	376.279	BE
OT09	4063877.008	591090.246	301.519	BE
OT10	4053304.789	605798.783	293.474	BE
OT11	4061729.985	577210.845	313.901	BE
OT12	4091785.501	579742.748	372.498	BE
OT13	4082999.333	576604.284	326.424	BE
OT14	4052636.410	570638.604	277.830	BE
OT15	4042119.186	576947.184	212.069	BE
OT16	4051723.713	553291.350	309.730	BE
OT17	4044094.861	540598.867	318.801	BE
OT18	4058843.368	526111.551	250.202	BE
OT19	4070829.027	547235.170	274.850	BE
OT20	4088153.890	554375.269	271.256	BE
OT21	4086945.218	539291.379	271.641	BE
OT23	4084214.072	523119.329	399.669	BE
OT24	4090369.260	516427.223	429.930	BE
OT26	4111067.994	528039.381	416.482	BE
OT27	4117789.473	526297.490	463.370	BE
OT28	4127650.459	520757.520	441.995	BE
OT29	4128179.213	498898.638	451.468	BE
OT30	4113610.350	498992.181	419.310	BE
OT31	4137725.437	529977.185	439.516	BE
OT32	4136233.427	553599.629	329.855	BE
OT33	4130390.236	563593.041	404.936	BE
OT34	4125598.221	539829.116	462.776	BE
TR01	4142545.411	508387.385	385.864	TREE
TR02	4120268.068	510535.936	461.698	TREE
TR03	4130544.947	532668.133	483.334	TREE
TR03c	4040505.976	417250.481	482.127	TRE
TR04	4128387.466	560880.024	414.730	TREE
TR04c	4083670.156	408411.616	383.457	TRE
TR05	4045218.217	435995.596	315.577	TREE
TR06	4096946.500	531954.028	428.215	TREE

TR06c	4063188.389	434901.203	340.542	TRE
TR07	4069894.707	524698.117	398.436	TREE
TR07b	4083337.447	427823.146	460.173	TRE
TR08	4057446.506	562191.727	258.264	TREE
TR09	4081902.541	542550.020	351.414	TRE
TR10	4087256.904	577660.721	333.466	TREE
TR11	4092871.696	566479.155	317.719	TREE
TR12	4066404.227	583956.833	337.749	TRE
TR13	4045525.883	592060.085	313.181	TRE
TR14	4052906.864	630919.431	201.877	TRE
TR15	4046213.713	655973.485	198.725	TRE
TR16	4064469.807	639016.394	285.334	TRE
TR17	4077518.638	649258.322	277.003	TRE
TR18	4070161.997	643919.550	272.438	TRE
TR19	4079701.139	614060.055	328.755	TRE
TR20	4076777.005	595312.356	349.119	TRE
TR21	4093488.825	586956.900	396.690	TRE
TR22	4066006.089	543446.461	364.713	TREE
TR23	4047351.430	532666.755	216.858	TREE
TR25	4064923.211	620344.335	307.839	TRE
UR01	4093543.976	614324.256	363.401	UR
UR01c	4077968.249	409811.601	399.886	UR
UR02	4141078.981	504095.414	396.159	UR
UR02c	4079283.589	417952.649	420.517	UR
UR03	4132628.419	521690.964	443.505	UR
UR03c	4075324.339	429390.441	349.094	UR
UR04	4140803.899	547790.335	404.676	UR
UR04c	4056797.660	427733.895	465.483	UR
UR05	4123583.530	561352.853	434.840	UR
UR05c	4059329.529	420768.601	433.994	UR
UR06	4114656.369	540183.001	435.428	UR
UR07	4115530.318	512075.680	497.257	UR
UR08	4101866.802	515416.372	468.805	UR
UR10	4101565.850	551711.339	435.572	UR
UR11	4092223.698	540560.027	349.669	UR
UR12	4073647.634	552586.047	312.110	UR
UR13	4062923.324	565466.882	198.538	UR
UR14	4057655.647	546790.946	366.548	UR
UR15	4061267.080	527957.846	324.087	UR
UR16	4048324.600	523260.465	294.473	UR
UR17	4043880.235	572736.174	255.537	UR

UR18	4062762.158	582323.123	316.817	UR
UR19	4077454.297	567815.867	361.172	UR
UR20	4100672.889	579417.741	395.032	UR
UR21	4082974.062	583591.137	342.658	UR
UR22	4052411.540	586288.388	345.299	UR
UR23	4067220.961	587139.164	329.934	UR
UR24	4057197.909	601718.366	329.944	UR
UR25	4067283.814	623187.363	300.053	UR
UR26	4082466.805	630625.783	286.238	UR
UR27	4061443.041	643366.673	231.868	UR
UR28	4057513.953	664386.937	203.370	UR
UR29	4058238.008	622466.103	227.245	UR
UR30	4078958.303	608228.112	327.595	UR
UR31	4091530.918	599398.172	344.794	UR
UR32	4042075.385	607296.056	271.263	UR
UR33	4095619.049	562160.152	394.117	UR
UR34	4070310.631	630694.304	234.838	UR
UR35	4050630.643	629784.953	201.966	UR
UR36	4049056.697	650712.088	188.864	UR
VVAX501	4043908.407	572754.945	258.870	HG
VVAX502	4052629.299	570622.812	277.785	BR
VVAX503	4082956.758	583579.425	343.176	TREE
VVAX504	4123558.012	561379.554	434.399	HG
VVAX505	4115525.968	512123.209	496.408	TREE
VVAX506	4101550.671	551689.060	436.218	TREE
XLCP101	4047641.586	617184.660	275.388	LCP
XLCP102	4063302.045	619936.610	271.364	LCP
XLCP103	4087290.545	592855.104	407.914	LCP
XLCP104	4052158.959	607438.539	283.448	LCP
XLCP105	4070147.333	643914.618	272.193	LCP
XLCP106	4086950.980	539265.920	271.894	LCP
XLCP107	4081930.137	434353.831	450.482	LCP
XLCP108	4065340.944	416115.778	447.472	LCP
XNVA101	4047878.219	622050.704	266.795	BE
XNVA102	4066502.321	643294.691	283.751	BE
XNVA103	4079702.131	614078.747	328.701	BE
XNVA104	4052045.386	581784.893	318.219	BE
XNVA105	4077521.426	649268.024	276.865	BE
XNVA106	4084724.902	555524.965	299.893	BE
XNVA107	4067448.669	444872.855	300.596	BE
XNVA108	4040510.482	417233.997	482.323	BE

XVVA101	4050631.278	629778.744	201.912	TRE
XVVA102	4061524.387	643364.380	227.850	HG
XVVA103	4074226.580	614197.114	321.051	HG
XVVA104	4053317.624	605799.916	292.613	HG
XVVA105	4063841.951	591098.403	301.748	BR
XVVA106	4071001.289	647596.335	266.073	BR
XVVA107	4088142.345	554371.745	272.099	HG
XVVA108	4073221.589	438383.169	353.626	HG
XVVA109	4056777.009	427742.365	465.258	BR

1.1b (Trimble R8 SN #22371)

Point ID	Easting (meters)	Northing (meters)	Ortho Height (meters)	Code
BE01	368772.620	4063533.901	361.885	BE
BE02	394403.686	4054013.910	301.368	BE
BE03	414701.047	4049351.129	456.971	BE
BE04	410722.045	4059651.992	453.808	BE
BE09	393924.662	4045694.788	432.863	BE
BE10	357126.286	4047579.109	309.170	BE
BR01	357483.120	4053490.752	293.262	BR
BR02	387264.100	4055150.437	290.863	BR
BR03	417185.025	4053311.456	436.993	BR
BR04	398668.608	4064537.040	403.515	BR
HG501	363397.742	4045533.077	325.176	HG
HG502	373363.845	4063194.369	356.370	HG
HG503	402138.986	4062923.206	420.346	HG
LCP01	368770.089	4063540.599	361.725	BE
LCP02	394396.377	4054011.174	301.391	BE
LCP03	414688.707	4049333.213	456.683	BE
LCP04	410714.073	4059657.689	453.749	BE
LCP09	393933.021	4045673.568	433.097	BE
LCP10	357144.894	4047576.566	309.085	BE
LCP13	529272.522	4089279.903	381.257	BE
LCP52	598901.702	4068129.359	319.113	BE
LCP53	551011.832	4050797.248	228.270	BE
LCP58	584196.923	4059959.654	278.948	BE
LCP59	586591.285	4043309.108	299.663	BE
LCPX507	374721.068	4049135.015	271.017	BE
LCPX508	389316.733	4061147.245	352.136	BE
NVAX507	381919.970	4044843.336	332.836	BE
NVAX508	387277.206	4055135.982	290.712	BE

OT01	379677.771	4058429.304	371.844	BE
OT02	374737.098	4049133.688	270.862	BE
OT08	413284.823	4046793.324	443.841	BE
OT09	392618.542	4064727.811	394.885	BE
OT10	356670.699	4066916.146	335.034	BE
TR01	362984.370	4067242.948	271.213	TREE
TR02	381928.230	4044842.663	333.257	TREE
UR06	386525.872	4050076.708	390.580	UR
UR07	364911.985	4057142.260	335.575	UR
UR08	389334.654	4061148.594	353.478	UR
UR09	405950.823	4048011.323	442.224	UR
UR10	370996.614	4048129.726	261.321	UR
UR11	372300.776	4056090.122	276.289	UR
VVAX507	370961.124	4048145.936	256.680	BR
VVAX508	379704.658	4058428.763	371.646	TREE

1.2RTN - RTK GNSS Survey Control (QC) Observation Report

1.2a (Topcon HiperV SN #10004 & #10738)

Point Name	Horz RMS (USft)	Vert RMS (USft)	RMS	GPS Satellites	GLONASS Satellites	PDOP
VRS_0023 (23)-UR27	0.001	0.002	0.002	7	8	1.674
VRS_0028 (28)-HG08	0.001	0.002	0.002	10	8	1.385
VRS_0028 (28)-NVAX504	0.001	0.002	0.002	10	8	1.255
VRS_0034 (2)-TR18	0.001	0.002	0.003	9	8	1.373
VRS_0034 (2)-XLCP105	0.001	0.002	0.002	9	8	1.339
VRS_0042 (10)-BE06c	0.001	0.002	0.002	7	9	1.718
VRS_0042 (10)-LCP06c	0.001	0.002	0.002	10	9	1.586
VRS_0058 (26)-BE05	0.001	0.002	0.002	10	8	1.249
VRS_0058 (26)-LCP05	0.001	0.002	0.002	10	7	1.298
VRS_0063 (31)c-BENT_CHK103	0.001	0.003	0.004	7	5	1.965
VRS_0063 (31)-OT14	0.001	0.002	0.002	9	6	1.268
VRS_0063 (31)-VVAX502	0.002	0.003	0.003	9	7	1.241
VRS_0104 (8)-OT06	0.001	0.002	0.002	8	7	1.597
VRS_0104 (8)-XVVA106	0.001	0.002	0.002	7	7	1.813
VRS_0111 (15)-UR05	0.002	0.003	0.004	7	7	1.833
VRS_0111 (15)-VVAX504	0.001	0.002	0.002	8	9	1.522
VRS_0119 (23)-TR04	0.002	0.003	0.003	7	7	1.711
VRS_0120 (24)-XVVA102	0.001	0.002	0.002	9	7	1.433
VRS_0121 (25)-OT17	0.001	0.002	0.003	9	7	1.494
VRS_0125 (29)-OT07	0.001	0.002	0.002	9	6	1.359

VRS_0125 (29)-XVVA103	0.001	0.002	0.002	9	6	1.33
VRS_0126 (30)-LCPX504	0.004	0.006	0.007	7	9	1.396
VRS_0126 (30)-OT33	0.003	0.004	0.005	6	8	1.809
VRS_0131 (3)-TR17	0.001	0.002	0.003	8	5	1.657
VRS_0131 (3)-XNVA105	0.001	0.002	0.002	7	5	1.819
VRS_0132 (4)-OT05c	0.001	0.002	0.002	8	8	1.696
VRS_0132 (4)-XVVA108	0.001	0.002	0.002	8	8	1.727
VRS_0134 (6)-WEST_PLAINS_CHK06	0.001	0.002	0.002	7	4	2.444
VRS_0136 (8)-BE04	0.002	0.003	0.004	9	9	1.24
VRS_0136 (8)-LCP04	0.003	0.004	0.004	9	9	1.238
VRS_0143 (15)-HG07	0.001	0.002	0.002	8	6	1.448
VRS_0149 (21)-HG11	0.001	0.002	0.002	10	5	1.316
VRS_0152 (24)-BR05	0.001	0.002	0.002	8	7	1.299
VRS_0155 (27)-OT32	0.002	0.003	0.003	10	7	1.335
VRS_0160 (0)-BR02	0.001	0.002	0.002	9	7	1.314
VRS_0162 (2)-UR04	0.001	0.002	0.002	9	7	1.38
VRS_0165 (5)-BE36	0.001	0.002	0.002	10	6	1.311
VRS_0165 (5)-LCP36	0.001	0.002	0.002	10	6	1.304
VRS_0168 (8)-LCP03	0.002	0.002	0.003	10	7	1.302
VRS_0170 (10)-BE03	0.002	0.003	0.003	10	7	1.296
VRS_0175 (15)c-BR06c	0.001	0.002	0.003	7	7	1.882
VRS_0175 (15)-OT31	0.001	0.002	0.002	10	7	1.212
VRS_0178 (18)-TR03	0.002	0.003	0.003	11	6	1.165
VRS_0181 (21)-OT01	0.001	0.002	0.002	9	5	1.371
VRS_0183 (23)-OT34	0.002	0.003	0.004	9	4	1.785
VRS_0184 (24)-WP_CHK508	0.001	0.002	0.002	9	4	1.892
VRS_0188 (28)-UR28	0.001	0.002	0.002	9	4	1.689
VRS_0189 (29)-TR19	0.002	0.003	0.004	8	4	1.925
VRS_0189 (29)-XNVA103	0.001	0.002	0.002	8	6	1.483
VRS_0190 (30)-BR22	0.001	0.002	0.003	9	5	1.705
VRS_0195 (3)-BE06	0.002	0.004	0.004	10	5	1.677
VRS_0195 (3)-LCP06	0.002	0.004	0.004	10	5	1.654
VRS_0197 (5)-XNVA107	0.001	0.002	0.002	7	8	1.405
VRS_0202 (10)-UR06	0.002	0.002	0.003	10	6	1.339
VRS_0208 (16)-HG20	0.001	0.002	0.002	9	6	1.538
VRS_0213 (21)-TR16	0.002	0.003	0.003	8	4	1.873
VRS_0214 (22)-LCP37	0.001	0.002	0.002	9	6	1.443
VRS_0217 (25)-MF_CHK501	0.001	0.002	0.002	9	7	1.381
VRS_0218 (26)-TR03c	0.001	0.002	0.003	6	6	1.886
VRS_0218 (26)-XNVA108	0.001	0.003	0.003	7	5	2.372
VRS_0220 (28)-WEST_PLAINS_CHK09	0.001	0.002	0.002	8	6	1.55

VRS_0228 (4)-HG05	0.002	0.002	0.003	8	6	1.407
VRS_0231 (7)-MF_CHK502	0.001	0.002	0.002	9	8	1.233
VRS_0233 (9)-WEST_PLAINS_CHK10	0.001	0.002	0.002	8	5	1.729
VRS_0235 (11)_1-BE01	0.001	0.002	0.002	8	5	1.803
VRS_0235 (11)_1-LCP01	0.001	0.002	0.002	8	7	1.63
VRS_0235 (11)-TR23	0.002	0.004	0.004	7	5	1.826
VRS_0237 (13)-LCP38	0.001	0.002	0.002	10	6	1.294
VRS_0238 (14)-UR02	0.002	0.003	0.003	10	7	1.375
VRS_0240 (16)-NVAX506	0.003	0.004	0.005	9	7	1.276
VRS_0242 (18)-BE24	0.001	0.002	0.002	9	7	1.461
VRS_0242 (18)-LCP24	0.001	0.002	0.002	9	7	1.413
VRS_0245 (21)-TR01	0.002	0.004	0.004	10	8	1.285
VRS_0250 (26)-BE02	0.001	0.002	0.002	8	7	1.586
VRS_0250 (26)-LCP02	0.001	0.002	0.002	8	7	1.579
VRS_0251 (27)-BE29	0.001	0.002	0.002	8	6	1.402
VRS_0251 (27)c-BE08c	0.001	0.002	0.002	7	7	1.534
VRS_0251 (27)c-LCP08c	0.001	0.002	0.002	7	8	1.557
VRS_0251 (27)-LCP29	0.001	0.002	0.002	9	6	1.287
VRS_0256 (0)-BR19	0.001	0.002	0.002	8	7	1.524
VRS_0256 (0)-XNVA106	0.001	0.002	0.002	8	7	1.643
VRS_0259 (3)-UR24	0.001	0.002	0.002	9	6	1.3
VRS_0263 (7)-BR24	0.001	0.002	0.002	7	9	1.945
VRS_0263 (7)-LCP51	0.001	0.002	0.003	7	8	1.787
VRS_0269 (13)-OT20	0.001	0.002	0.002	8	6	1.356
VRS_0269 (13)-XVVA107	0.001	0.002	0.002	9	7	1.248
VRS_0271 (15)-UR03	0.001	0.002	0.003	7	8	1.443
VRS_0274 (18)b-OT28	0.001	0.002	0.002	10	6	1.337
VRS_0274 (18)-WEST_PLAINS_CHK02	0.001	0.002	0.002	7	4	2.489
VRS_0277 (21)-LCP39	0.001	0.002	0.002	10	6	1.267
VRS_0278 (22)-BE19	0.001	0.002	0.003	7	5	1.972
VRS_0278 (22)-LCP19	0.001	0.002	0.002	8	6	1.737
VRS_0285 (29)-LCPX502	0.001	0.002	0.002	9	5	1.849
VRS_0285 (29)-OT16	0.001	0.002	0.002	9	6	1.848
VRS_0289 (1)-OT27	0.001	0.002	0.002	9	7	1.278
VRS_0292 (4)-LCP40	0.001	0.002	0.002	8	5	1.845
VRS_0299 (11)-OT10	0.001	0.002	0.002	9	6	1.334
VRS_0299 (11)-XVVA104	0.002	0.002	0.003	9	6	1.332
VRS_0301 (13)-TR09	0.002	0.002	0.003	10	6	1.299
VRS_0303 (15)b-BE15	0.001	0.002	0.002	10	8	1.371
VRS_0303 (15)b-LCP15	0.001	0.002	0.003	10	8	1.307
VRS_0303 (15)-OT04	0.001	0.002	0.002	9	7	1.328

VRS_0303 (15)-XLCP101	0.001	0.002	0.002	9	7	1.359
VRS_0304 (16)-WP_CHK501	0.001	0.002	0.002	7	4	2.463
VRS_0310 (22)-BE08	0.001	0.002	0.002	10	7	1.298
VRS_0310 (22)-LCP08	0.001	0.002	0.002	10	7	1.3
VRS_0311 (23)-LCP41	0.001	0.002	0.002	8	6	1.715
VRS_0314 (26)-LCP20	0.001	0.002	0.002	10	6	1.321
VRS_0315 (27)-WP_CHK509	0.001	0.002	0.002	8	6	1.696
VRS_0317 (29)-BE34	0.001	0.002	0.002	9	8	1.272
VRS_0317 (29)-LCP34	0.001	0.002	0.002	9	8	1.302
VRS_0320 (0)-LCPX505	0.001	0.002	0.002	10	7	1.22
VRS_0320 (0)-OT26	0.001	0.002	0.002	9	7	1.359
VRS_0323 (3)-UR21	0.001	0.002	0.002	8	5	1.645
VRS_0323 (3)-VVAX503	0.002	0.002	0.003	10	4	1.503
VRS_0327 (7)-BE11	0.002	0.003	0.003	9	7	1.253
VRS_0327 (7)c-UR04c	0.001	0.002	0.002	10	8	1.285
VRS_0327 (7)c-XVVA109	0.001	0.002	0.002	10	7	1.383
VRS_0327 (7)-LCP11	0.002	0.003	0.004	9	8	1.234
VRS_0330 (10)-OT21	0.001	0.002	0.002	9	5	1.454
VRS_0332 (12)-XLCP106	0.001	0.002	0.002	9	5	1.469
VRS_0341 (21)-NVAX505	0.001	0.002	0.003	9	6	1.407
VRS_0341 (21)-TR02	0.002	0.002	0.003	9	6	1.404
VRS_0347 (27)c-TR06c	0.002	0.003	0.003	9	6	2.671
VRS_0347 (27)-UR07	0.001	0.002	0.003	9	6	1.424
VRS_0347 (27)-VVAX505	0.001	0.002	0.003	9	5	1.69
VRS_0348 (28)-BR16	0.001	0.002	0.003	9	7	1.535
VRS_0348 (28)-NVAX502	0.001	0.002	0.002	10	8	1.239
VRS_0352 (0)-HG16	0.001	0.002	0.002	10	6	1.238
VRS_0354 (2)-HG10	0.001	0.002	0.002	10	8	1.234
VRS_0354 (2)-XNVA102	0.001	0.002	0.002	9	7	1.247
VRS_0357 (5)-HG01	0.001	0.002	0.003	9	5	1.668
VRS_0363 (11)-BR05c	0.001	0.002	0.003	9	8	1.51
VRS_0363 (11)-LCP111	0.001	0.002	0.002	10	8	1.423
VRS_0366 (14)-BR06	0.002	0.003	0.003	8	6	1.544
VRS_0366 (14)-XLCP104	0.001	0.002	0.003	7	6	1.681
VRS_0367 (15)-OT30	0.002	0.003	0.003	9	6	1.493
VRS_0373 (21)-UR01	0.001	0.002	0.002	8	8	1.501
VRS_0376 (24)_1-HG02	0.002	0.003	0.003	10	5	1.34
VRS_0376 (24)-UR16	0.002	0.003	0.003	10	8	1.274
VRS_0379 (27)-OT12	0.002	0.003	0.004	9	7	1.662
VRS_0382 (30)-LCPX503	0.002	0.004	0.004	8	6	1.685
VRS_0383 (31)-BE07	0.001	0.002	0.003	9	5	1.559

VRS_0383 (31)-LCP07	0.002	0.002	0.003	9	6	1.362
VRS_0386 (2)-LCP50	0.002	0.002	0.003	10	5	1.384
VRS_0386 (2)-UR12	0.002	0.003	0.004	9	4	1.885
VRS_0387 (3)-BR23	0.001	0.002	0.002	8	5	1.734
VRS_0390 (6)_1-LCP55	0.001	0.002	0.002	8	5	1.858
VRS_0390 (6)_1-OT29	0.001	0.002	0.002	8	6	1.587
VRS_0390 (6)-HG17	0.001	0.002	0.002	10	8	1.311
VRS_0392 (8)-MP_CHK503	0.001	0.002	0.002	9	6	1.316
VRS_0414 (30)-NVAX503	0.001	0.003	0.003	8	4	2.037
VRS_0414 (30)-TR10	0.002	0.004	0.005	7	4	2.118
VRS_0418 (2)-BE05c	0.001	0.002	0.003	7	8	1.865
VRS_0418 (2)-LCP05c	0.001	0.002	0.002	7	7	1.909
VRS_0427 (11)-HG12	0.001	0.002	0.002	10	8	1.23
VRS_0427 (11)-XNVA101	0.001	0.002	0.002	10	8	1.224
VRS_0432 (16)-HG21	0.001	0.002	0.002	9	5	1.61
VRS_0432 (16)-LCP49	0.002	0.003	0.003	9	5	1.605
VRS_0434 (18)-UR32	0.001	0.002	0.003	9	7	1.52
VRS_0435 (19)-OT13	0.002	0.004	0.004	8	8	1.416
VRS_0440 (24)-HG101	0.001	0.002	0.002	10	8	1.39
VRS_0442 (26)-BR09	0.001	0.002	0.002	8	8	1.539
VRS_0455 (7)-TR06	0.001	0.002	0.003	9	5	1.509
VRS_0458 (10)_1-UR14	0.001	0.002	0.003	8	8	1.562
VRS_0458 (10)-OT18	0.002	0.003	0.003	8	6	1.616
VRS_0461 (13)-BE14	0.001	0.002	0.003	9	5	1.646
VRS_0461 (13)-LCP14	0.002	0.003	0.004	10	6	1.257
VRS_0466 (18)-UR11	0.001	0.002	0.003	8	5	1.71
VRS_0471 (23)-UR10	0.001	0.002	0.002	8	6	1.747
VRS_0471 (23)-VVAX506	0.002	0.003	0.004	8	5	1.527
VRS_0472 (24)-BE26	0.002	0.003	0.004	9	8	1.548
VRS_0472 (24)-LCP26	0.002	0.003	0.004	8	8	1.812
VRS_0478 (30)-MF_CHK503	0.001	0.002	0.002	8	7	1.456
VRS_0479 (31)-HG23	0.001	0.002	0.002	9	7	1.243
VRS_0482 (2)c-HG103	0.002	0.003	0.004	8	7	1.687
VRS_0482 (2)-TR13	0.002	0.004	0.004	10	8	1.506
VRS_0488 (8)-UR31	0.001	0.002	0.002	7	7	1.625
VRS_0489 (9)-MO_MON	0.001	0.002	0.002	9	7	1.557
VRS_0490 (10)-UR15	0.003	0.004	0.005	10	5	1.593
VRS_0500 (20)-OT07c	0.001	0.002	0.002	10	7	1.158
VRS_0501 (21)-BE16	0.001	0.002	0.002	9	7	1.901
VRS_0501 (21)-LCP16	0.002	0.004	0.005	8	7	1.986
VRS_0502 (22)-UR35	0.001	0.002	0.002	6	6	2.542

VRS_0502 (22)-XVVA101	0.002	0.003	0.004	8	7	1.491
VRS_0506 (26)-UR03c	0.002	0.003	0.004	8	8	1.827
VRS_0515 (3)-XLCP102	0.001	0.002	0.002	9	5	1.495
VRS_0516 (4)-BR12	0.003	0.006	0.007	6	8	2.118
VRS_0523 (11)-UR25	0.001	0.002	0.002	9	6	1.316
VRS_0529 (17)-BR17	0.001	0.002	0.002	9	6	1.762
VRS_0539 (27)-BE30	0.002	0.004	0.005	8	8	1.375
VRS_0539 (27)-LCP30	0.002	0.003	0.003	8	8	1.504
VRS_0542 (30)-BE27	0.002	0.004	0.004	9	6	1.467
VRS_0542 (30)-LCP27	0.001	0.002	0.002	9	6	1.333
VRS_0547 (3)-BE28	0.001	0.002	0.002	9	8	1.355
VRS_0547 (3)-LCP28	0.001	0.002	0.002	9	7	1.305
VRS_0555 (11)_1-TR25	0.001	0.002	0.002	9	6	1.451
VRS_0555 (11)-TR14	0.002	0.003	0.003	8	6	1.757
VRS_0561 (17)-OT05	0.001	0.002	0.002	9	7	1.231
VRS_0564 (20)-LCP112	0.001	0.002	0.002	8	8	1.361
VRS_0564 (20)-OT04c	0.001	0.002	0.002	9	8	1.214
VRS_0573 (29)-BE12	0.001	0.002	0.003	9	6	1.485
VRS_0573 (29)-LCP12	0.001	0.002	0.002	9	6	1.361
VRS_0578 (2)-BE33	0.001	0.002	0.002	9	5	1.523
VRS_0578 (2)-LCP33	0.001	0.002	0.002	10	6	1.285
VRS_0582 (6)-TR22	0.003	0.005	0.006	7	6	1.51
VRS_0590 (14)-TR07	0.002	0.002	0.003	10	6	1.368
VRS_0592 (16)-BR08	0.001	0.002	0.002	9	6	1.43
VRS_0593 (17)-UR19	0.002	0.004	0.005	7	7	1.935
VRS_0594 (18)-BE07c	0.001	0.002	0.002	9	5	1.627
VRS_0594 (18)-LCP07c	0.001	0.002	0.002	9	6	1.616
VRS_0600 (24)-UR30	0.001	0.002	0.002	9	6	1.336
VRS_0607 (31)-UR22	0.001	0.002	0.003	8	9	1.269
VRS_0608 (0)-MP_CHK504	0.001	0.002	0.002	9	6	1.309
VRS_0626 (18)-TR21	0.002	0.003	0.003	8	7	1.347
VRS_0631 (23)-BE31	0.001	0.002	0.002	9	9	1.174
VRS_0636 (28)-BR13	0.002	0.003	0.004	6	7	1.669
VRS_0636 (28)b-UR17	0.002	0.003	0.004	9	7	1.627
VRS_0636 (28)b-VVAX501	0.003	0.004	0.005	9	5	1.91
VRS_0636 (28)c-TR05	0.002	0.003	0.004	9	6	1.516
VRS_0636 (28)-XNVA104	0.002	0.003	0.004	7	6	1.626
VRS_0640 (0)-BR11	0.002	0.004	0.005	6	4	2.183
VRS_0646 (6)-LCP31	0.001	0.002	0.002	9	9	1.169
VRS_0656 (16)-UR34	0.001	0.002	0.002	10	8	1.137
VRS_0657 (17)-WEST_PLAINS_CHK03	0.001	0.002	0.002	7	4	3.156

VRS_0659 (19)-OT06c	0.001	0.002	0.002	9	6	1.447
VRS_0661 (21)-OT19	0.003	0.004	0.004	10	7	1.263
VRS_0667 (27)-WP_CHK502	0.001	0.002	0.002	7	6	1.778
VRS_0672 (0)-HG102	0.001	0.002	0.003	9	5	1.825
VRS_0677 (5)-BE21	0.002	0.002	0.003	8	7	1.472
VRS_0677 (5)-LCP21	0.002	0.002	0.003	8	6	1.46
VRS_0681 (9)-UR02c	0.001	0.002	0.002	9	7	1.24
VRS_0689 (17)-LCPX501	0.002	0.003	0.004	9	6	1.422
VRS_0689 (17)-OT15	0.003	0.004	0.005	9	8	1.333
VRS_0698 (26)-BENT_CHK101	0.001	0.002	0.002	9	5	1.771
VRS_0704 (0)-HG09	0.001	0.002	0.002	8	8	1.303
VRS_0715 (11)-UR18	0.001	0.002	0.003	9	7	1.334
VRS_0716 (12)-HG15	0.002	0.003	0.003	9	8	1.261
VRS_0718 (14)-XLC103	0.001	0.002	0.002	10	8	1.235
VRS_0719 (15)-MF_CHK_101	0.001	0.002	0.002	8	6	1.422
VRS_0722 (18)-UR33	0.002	0.002	0.003	9	8	1.347
VRS_0741 (5)-HG14	0.001	0.002	0.002	7	6	1.726
VRS_0743 (7)-TR11	0.005	0.006	0.008	10	6	1.595
VRS_0753 (17)-BE25	0.002	0.002	0.003	10	7	1.314
VRS_0753 (17)-LCP25	0.001	0.002	0.002	10	6	1.39
VRS_0758 (22)-LCP113	0.001	0.002	0.002	10	8	1.213
VRS_0758 (22)-TR04c	0.001	0.002	0.003	7	6	2.455
VRS_0759 (23)-OT03	0.001	0.002	0.002	10	7	1.148
VRS_0760 (24)-TR12	0.002	0.002	0.003	8	5	1.615
VRS_0763 (27)-HG22	0.001	0.002	0.002	9	6	1.392
VRS_0765 (29)-UR26	0.001	0.002	0.003	9	6	1.612
VRS_0766 (30)-BR18	0.002	0.003	0.004	10	6	1.352
VRS_0771 (3)-BE23	0.002	0.003	0.003	9	7	1.452
VRS_0771 (3)-LCP23	0.002	0.003	0.004	9	8	1.392
VRS_0795 (27)-UR23	0.002	0.002	0.003	10	5	1.28
VRS_0796 (28)_1-UR08	0.001	0.002	0.002	8	6	1.664
VRS_0796 (28)-BE18	0.002	0.002	0.003	10	6	1.44
VRS_0796 (28)-LCP18	0.001	0.002	0.002	9	7	1.272
VRS_0812 (12)-UR01c	0.001	0.002	0.002	10	7	1.273
VRS_0819 (19)-OT08	0.001	0.002	0.002	10	6	1.361
VRS_0822 (22)-WEST_PLAINS_CHK04	0.001	0.002	0.002	6	6	1.659
VRS_0828 (28)-UR20	0.002	0.003	0.004	9	5	1.624
VRS_0829 (29)-OT09	0.002	0.003	0.003	9	5	1.563
VRS_0829 (29)-XVVA105	0.002	0.003	0.004	9	5	1.565
VRS_0830 (30)-WP_CHK503	0.001	0.002	0.002	6	5	2.819
VRS_0832 (0)-TR08	0.001	0.002	0.002	9	4	1.791

VRS_0839 (7)-BR10	0.002	0.002	0.003	9	5	1.667
VRS_0841 (9)-BE32	0.001	0.002	0.003	10	8	1.253
VRS_0842 (10)-HG24	0.001	0.002	0.002	9	5	1.472
VRS_0843 (11)-TR20	0.001	0.002	0.002	9	4	1.846
VRS_0852 (20)-UR13	0.002	0.004	0.004	7	5	2.167
VRS_0854 (22)-BR04	0.001	0.002	0.002	10	7	1.258
VRS_0855 (23)_1-BE09	0.001	0.003	0.003	9	7	1.394
VRS_0855 (23)_1-LCP09	0.002	0.003	0.003	9	7	1.347
VRS_0855 (23)-WP_CHK506	0.001	0.002	0.002	8	5	2.039
VRS_0856 (24)-WEST_PLAINS_CHK07	0.001	0.002	0.002	8	3	2.079
VRS_0858 (26)-BR15	0.001	0.002	0.003	10	7	1.267
VRS_0858 (26)-NVAX501	0.001	0.002	0.003	10	8	1.241
VRS_0864 (0)-LCP32	0.001	0.002	0.002	10	7	1.378
VRS_0867 (3)-BR07	0.001	0.002	0.002	9	5	1.378
VRS_0872 (8)_1-LCP54	0.002	0.003	0.003	10	7	1.426
VRS_0872 (8)_1-OT24	0.002	0.003	0.004	10	7	1.424
VRS_0872 (8)-BE22	0.005	0.007	0.009	10	6	1.592
VRS_0872 (8)-LCP22	0.002	0.003	0.003	10	6	1.586
VRS_0874 (10)-OT03c	0.001	0.002	0.002	10	5	1.564
VRS_0886 (22)-BR14	0.001	0.002	0.002	9	6	1.363
VRS_0891 (27)-BE35	0.001	0.002	0.002	9	5	1.429
VRS_0891 (27)-LCP35	0.001	0.002	0.002	9	5	1.421
VRS_0897 (1)-OT11	0.003	0.004	0.005	7	6	1.594
VRS_0900 (4)-WEST_PLAINS_CHK05	0.001	0.002	0.002	8	5	1.663
VRS_0904 (8)-UR36	0.001	0.002	0.002	10	5	1.281
VRS_0909 (13)-WP_CHK504	0.001	0.002	0.002	8	6	1.596
VRS_0911 (15)-BE10	0.002	0.003	0.003	10	8	1.257
VRS_0911 (15)-LCP10	0.001	0.003	0.003	10	8	1.255
VRS_0913 (17)-HG104	0.001	0.002	0.002	9	5	1.945
VRS_0913 (17)-XLC108	0.001	0.002	0.002	9	6	1.935
VRS_0917 (21)-HG18	0.001	0.002	0.003	8	7	1.546
VRS_0938 (10)-BR03	0.001	0.002	0.002	8	7	1.608
VRS_0947 (19)-HG19	0.001	0.002	0.002	7	6	1.599
VRS_0951 (23)-BR01	0.001	0.002	0.002	9	5	1.577
VRS_0954 (26)-TR07b	0.001	0.003	0.003	10	7	1.481
VRS_0955 (27)_1-UR05c	0.001	0.002	0.002	9	6	1.585
VRS_0955 (27)c-BENT_CHK102	0.001	0.003	0.003	6	5	3.35
VRS_0955 (27)-LCPX506	0.002	0.003	0.003	8	7	1.631
VRS_0955 (27)-OT23	0.002	0.004	0.004	8	7	1.793
VRS_0974 (14)-OT02	0.001	0.002	0.002	10	5	1.482
VRS_0984 (24)-TR15	0.001	0.002	0.002	10	6	1.298

VRS_0990 (30)-HG13	0.001	0.002	0.002	8	5	1.553
VRS_0994 (2)-WP_CHK507	0.001	0.002	0.002	9	6	1.442
VRS_0995 (3)-BR07c	0.001	0.002	0.002	10	8	1.373
VRS_0995 (3)-XLCP107	0.001	0.002	0.002	10	8	1.371
VRS_0997 (5)-BE17	0.001	0.002	0.002	8	8	1.769
VRS_0997 (5)-LCP17	0.001	0.002	0.002	7	8	1.734
VRS_1013 (21)-BE13	0.003	0.005	0.005	7	8	1.597
VRS_1020 (28)_1-WEST_PLAINS_CHK08	0.001	0.002	0.002	9	5	1.664
VRS_1020 (28)-UR29	0.001	0.002	0.002	7	6	1.571
VRS_1022 (30)-WP_CHK505	0.001	0.002	0.002	7	6	1.6

1.2b (Trimble R8 SN #22371)

Point Name	Horz RMS (USft)	Vert RMS (USft)	RMS	GPS Satellites	PDOP
BE01	0.013	0.023	0.003	12	1.329
BE02	0.019	0.025	0.005	14	1.411
BE03	0.014	0.016	0.003	13	1.02
BE04	0.012	0.014	0.003	15	1.008
BE09	0.018	0.027	0.004	14	1.658
BE10	0.016	0.018	0.003	13	1.606
BENT_CHK501	0.017	0.02	0.007	11	1.618
BENT_CHK502	0.013	0.015	0.004	12	1.749
BENT_CHK503	0.012	0.02	0.004	11	2.194
BENT_CHK504	0.012	0.02	0.004	12	1.941
BR01	0.017	0.019	0.005	13	1.243
BR02	0.018	0.025	0.004	14	1.495
BR03	0.011	0.012	0.004	15	0.766
BR04	0.018	0.024	0.004	13	1.558
HG501	0.013	0.016	0.003	15	1.346
HG502	0.011	0.012	0.004	14	0.782
HG503	0.021	0.025	0.004	13	1.462
LCP01	0.013	0.022	0.003	12	1.314
LCP02	0.019	0.025	0.005	14	1.554
LCP03	0.013	0.015	0.003	14	0.956
LCP04	0.013	0.016	0.003	15	1.018
LCP09	0.02	0.028	0.005	15	1.553
LCP10	0.015	0.017	0.003	15	1.438
LCP13	0.016	0.02	0.004	16	1.284
LCP52	0.02	0.027	0.004	13	1.739
LCP53	0.01	0.011	0.003	16	0.753

LCP58	0.02	0.025	0.004	15	1.352
LCP59	0.019	0.025	0.004	13	1.483
LCPX507	0.012	0.014	0.003	16	1.151
LCPX508	0.015	0.019	0.003	13	1.514
MF_CHK511	0.007	0.009	0.003	14	1.032
NVAX507	0.015	0.016	0.004	14	1.453
NVAX508	0.013	0.017	0.003	14	1.294
OT01	0.015	0.017	0.004	13	1.085
OT02	0.012	0.014	0.003	16	1.125
OT08	0.013	0.015	0.002	12	1.187
OT09	0.02	0.026	0.005	14	1.36
OT10	0.013	0.021	0.003	14	1.492
TR01	0.013	0.022	0.005	13	1.306
TR02	0.016	0.017	0.005	15	1.344
UR06	0.018	0.025	0.004	12	1.899
UR07	0.013	0.017	0.004	15	1.077
UR08	0.014	0.018	0.003	14	1.443
UR09	0.013	0.016	0.003	14	1.354
UR10	0.013	0.015	0.003	14	1.15
UR11	0.013	0.019	0.003	14	1.141
VVAX507	0.012	0.014	0.003	15	1.32
VVAX508	0.014	0.016	0.003	11	1.121
WP_CHK511	0.012	0.021	0.003	11	2.627

1.3RTN - RTK GNSS Observation Digital Field Notes

1.3a (Topcon HiperV SN #10004 & #10738)

Point Name	Method	Duration	Start Time	Receiver	Rover Antenna Type	Rover Antenna Height (m)
BE01	Topo	0:00:19	12/10/2017 17:26	Q0362CYEP00	Hiper V	2.00
BE02	Topo	0:00:19	12/10/2017 18:36	Q0362CYEP00	Hiper V	2.00
BE03	Topo	0:00:19	12/9/2017 20:47	Q0362CYEP00	Hiper V	2.00
BE04	Topo	0:00:19	12/9/2017 19:30	Q0362CYEP00	Hiper V	2.00
BE05	Topo	0:00:19	12/9/2017 18:22	Q0362CYEP00	Hiper V	2.00
BE05c	Topo	0:02:08	12/13/2017 18:14	Q0362CYEP00	Hiper V	2.00
BE06	Topo	0:00:19	12/9/2017 22:14	Q0362CYEP00	Hiper V	2.00
BE06c	Topo	0:00:59	12/12/2017 18:21	Q0362CYEP00	Hiper V	2.00
BE07	Topo	0:00:19	12/10/2017 22:54	Q0362CYEP00	Hiper V	2.00
BE07c	Topo	0:00:59	12/12/2017 21:28	Q0362CYEP00	Hiper V	2.00
BE08	Topo	0:00:19	12/10/2017 20:38	Q0362CYEP00	Hiper V	2.00

BE08c	Topo	0:00:59	12/12/2017 19:26	Q0362CYEP00	Hiper V	2.00
BE09	Topo	0:00:19	12/11/2017 17:30	Q0362CYEP00	Hiper V	2.00
BE10	Topo	0:00:19	12/11/2017 18:09	Q0362CYEP00	Hiper V	2.00
BE11	Topo	0:00:19	12/6/2017 20:26	Q0362CYEP00	Hiper V	2.00
BE12	Topo	0:00:19	12/6/2017 22:21	Q0362CYEP00	Hiper V	2.00
BE13	Topo	0:00:19	12/11/2017 18:58	Q0362CYEP00	Hiper V	2.00
BE14	Topo	0:00:19	12/11/2017 22:37	Q0362CYEP00	Hiper V	2.00
BE15	Topo	0:00:19	12/11/2017 20:23	Q0362CYEP00	Hiper V	2.00
BE16	Topo	0:00:19	12/7/2017 19:10	Q0362CYEP00	Hiper V	2.00
BE17	Topo	0:00:19	12/6/2017 19:15	Q0362CYEP00	Hiper V	2.00
BE18	Topo	0:00:19	12/7/2017 21:14	Q0362CYEP00	Hiper V	2.00
BE19	Topo	0:00:59	12/10/2017 20:05	Q037DPOIUQ0	Hiper V	2.00
BE21	Topo	0:00:19	12/8/2017 20:01	Q0362CYEP00	Hiper V	2.00
BE22	Topo	0:00:05	12/7/2017 22:28	Q0362CYEP00	Hiper V	2.00
BE23	Topo	0:00:19	12/6/2017 17:57	Q0362CYEP00	Hiper V	2.00
BE24	Topo	0:02:01	12/10/2017 18:07	Q037DPOIUQ0	Hiper V	2.00
BE25	Topo	0:00:19	12/8/2017 20:53	Q0362CYEP00	Hiper V	2.00
BE26	Topo	0:00:19	12/8/2017 18:19	Q0362CYEP00	Hiper V	2.00
BE27	Topo	0:00:19	12/6/2017 16:36	Q0362CYEP00	Hiper V	2.00
BE28	Topo	0:00:59	12/7/2017 19:30	Q037DPOIUQ0	Hiper V	2.00
BE29	Topo	0:00:19	12/8/2017 16:15	Q0362CYEP00	Hiper V	2.00
BE30	Topo	0:00:59	12/8/2017 18:59	Q037DPOIUQ0	Hiper V	2.00
BE31	Topo	0:00:59	12/5/2017 19:45	Q037DPOIUQ0	Hiper V	2.00
BE32	Topo	0:00:59	12/6/2017 18:25	Q037DPOIUQ0	Hiper V	2.00
BE33	Topo	0:00:59	12/6/2017 22:26	Q037DPOIUQ0	Hiper V	2.00
BE34	Topo	0:00:59	12/7/2017 17:57	Q037DPOIUQ0	Hiper V	2.00
BE35	Topo	0:00:59	12/7/2017 22:45	Q037DPOIUQ0	Hiper V	2.00
BE36	Topo	0:00:59	12/9/2017 20:42	Q037DPOIUQ0	Hiper V	2.00
BENT_CHK101	Topo	0:02:59	12/13/2017 0:45	Q0362CYEP00	Hiper V	2.00
BENT_CHK102	Topo	0:02:59	12/13/2017 15:33	Q0362CYEP00	Hiper V	2.00
BENT_CHK103	Topo	0:06:49	12/13/2017 23:23	Q0362CYEP00	Hiper V	2.00
BR01	Topo	0:00:59	12/5/2017 21:58	Q037DPOIUQ0	Hiper V	2.00
BR02	Topo	0:00:59	12/9/2017 20:19	Q037DPOIUQ0	Hiper V	2.00
BR03	Topo	0:01:22	12/6/2017 19:00	Q037DPOIUQ0	Hiper V	2.00
BR04	Topo	0:00:39	12/5/2017 20:56	Q037DPOIUQ0	Hiper V	2.00
BR05	Topo	0:00:39	12/5/2017 17:14	Q037DPOIUQ0	Hiper V	2.00
BR05c	Topo	0:00:59	12/13/2017 17:48	Q0362CYEP00	Hiper V	2.00
BR06	Topo	0:00:59	12/8/2017 17:14	Q037DPOIUQ0	Hiper V	2.00
BR06c	Topo	0:00:59	12/12/2017 18:56	Q0362CYEP00	Hiper V	2.00
BR07	Topo	0:00:59	12/7/2017 22:17	Q037DPOIUQ0	Hiper V	2.00
BR07c	Topo	0:00:59	12/12/2017 17:57	Q0362CYEP00	Hiper V	2.00

BR08	Topo	0:00:59	12/6/2017 22:48	Q037DPOIUQ0	Hiper V	2.00
BR09	Topo	0:00:59	12/7/2017 18:50	Q037DPOIUQ0	Hiper V	2.00
BR10	Topo	0:00:19	12/8/2017 22:15	Q0362CYEP00	Hiper V	2.00
BR11	Topo	0:00:19	12/8/2017 19:46	Q0362CYEP00	Hiper V	2.00
BR12	Topo	0:00:19	12/8/2017 18:48	Q0362CYEP00	Hiper V	2.00
BR13	Topo	0:00:59	12/8/2017 19:44	Q037DPOIUQ0	Hiper V	2.00
BR14	Topo	0:00:19	12/7/2017 22:43	Q0362CYEP00	Hiper V	2.00
BR15	Topo	0:00:19	12/6/2017 18:30	Q0362CYEP00	Hiper V	2.00
BR16	Topo	0:00:19	12/7/2017 18:12	Q0362CYEP00	Hiper V	2.00
BR17	Topo	0:00:19	12/6/2017 21:52	Q0362CYEP00	Hiper V	2.00
BR18	Topo	0:00:19	12/7/2017 20:57	Q0362CYEP00	Hiper V	2.00
BR19	Topo	0:00:59	12/10/2017 19:00	Q037DPOIUQ0	Hiper V	2.00
BR22	Topo	0:00:19	12/9/2017 21:57	Q0362CYEP00	Hiper V	2.00
BR23	Topo	0:00:19	12/10/2017 23:11	Q0362CYEP00	Hiper V	2.00
BR24	Topo	0:00:19	12/10/2017 19:09	Q0362CYEP00	Hiper V	2.00
HG01	Topo	0:00:19	12/10/2017 22:00	Q0362CYEP00	Hiper V	2.00
HG02	Topo	0:00:19	12/10/2017 22:44	Q0362CYEP00	Hiper V	2.00
HG05	Topo	0:00:19	12/11/2017 19:55	Q0362CYEP00	Hiper V	2.00
HG07	Topo	0:00:19	12/9/2017 19:45	Q0362CYEP00	Hiper V	2.00
HG08	Topo	0:00:24	12/9/2017 18:05	Q0362CYEP00	Hiper V	2.00
HG09	Topo	0:00:59	12/7/2017 20:24	Q037DPOIUQ0	Hiper V	2.00
HG10	Topo	0:00:59	12/6/2017 20:38	Q037DPOIUQ0	Hiper V	2.00
HG101	Topo	0:00:59	12/12/2017 20:30	Q0362CYEP00	Hiper V	2.00
HG102	Topo	0:00:59	12/12/2017 22:35	Q0362CYEP00	Hiper V	2.00
HG103	Topo	0:00:59	12/13/2017 18:40	Q0362CYEP00	Hiper V	2.00
HG104	Topo	0:00:59	12/13/2017 21:26	Q0362CYEP00	Hiper V	2.00
HG11	Topo	0:00:59	12/9/2017 20:00	Q037DPOIUQ0	Hiper V	2.00
HG12	Topo	0:00:39	12/5/2017 18:36	Q037DPOIUQ0	Hiper V	2.00
HG13	Topo	0:00:59	12/5/2017 23:53	Q037DPOIUQ0	Hiper V	2.00
HG14	Topo	0:00:59	12/8/2017 20:36	Q037DPOIUQ0	Hiper V	2.00
HG15	Topo	0:00:55	12/7/2017 20:30	Q0362CYEP00	Hiper V	2.00
HG16	Topo	0:00:19	12/11/2017 20:47	Q0362CYEP00	Hiper V	2.00
HG17	Topo	0:00:19	12/7/2017 18:30	Q0362CYEP00	Hiper V	2.00
HG18	Topo	0:00:19	12/6/2017 18:53	Q0362CYEP00	Hiper V	2.00
HG19	Topo	0:00:39	12/5/2017 16:25	Q037DPOIUQ0	Hiper V	2.00
HG20	Topo	0:00:19	12/9/2017 22:59	Q0362CYEP00	Hiper V	2.00
HG21	Topo	0:00:19	12/11/2017 21:55	Q0362CYEP00	Hiper V	2.00
HG22	Topo	0:00:59	12/7/2017 20:56	Q037DPOIUQ0	Hiper V	2.00
HG23	Topo	0:00:59	12/6/2017 21:18	Q037DPOIUQ0	Hiper V	2.00
HG24	Topo	0:00:59	12/8/2017 22:28	Q037DPOIUQ0	Hiper V	2.00
LCP01	Topo	0:00:19	12/10/2017 17:28	Q0362CYEP00	Hiper V	2.00

LCP02	Topo	0:00:19	12/10/2017 18:37	Q0362CYEP00	Hiper V	2.00
LCP03	Topo	0:00:19	12/9/2017 20:45	Q0362CYEP00	Hiper V	2.00
LCP04	Topo	0:00:19	12/9/2017 19:30	Q0362CYEP00	Hiper V	2.00
LCP05	Topo	0:00:19	12/9/2017 18:23	Q0362CYEP00	Hiper V	2.00
LCP05c	Topo	0:02:59	12/13/2017 18:17	Q0362CYEP00	Hiper V	2.00
LCP06	Topo	0:00:19	12/9/2017 22:15	Q0362CYEP00	Hiper V	2.00
LCP06c	Topo	0:02:59	12/12/2017 18:17	Q0362CYEP00	Hiper V	2.00
LCP07	Topo	0:00:19	12/10/2017 22:55	Q0362CYEP00	Hiper V	2.00
LCP07c	Topo	0:02:59	12/12/2017 21:31	Q0362CYEP00	Hiper V	2.00
LCP08	Topo	0:00:19	12/10/2017 20:36	Q0362CYEP00	Hiper V	2.00
LCP08c	Topo	0:02:59	12/12/2017 19:28	Q0362CYEP00	Hiper V	2.00
LCP09	Topo	0:00:19	12/11/2017 17:31	Q0362CYEP00	Hiper V	2.00
LCP10	Topo	0:00:19	12/11/2017 18:11	Q0362CYEP00	Hiper V	2.00
LCP11	Topo	0:00:19	12/6/2017 20:27	Q0362CYEP00	Hiper V	2.00
LCP111	Topo	0:02:59	12/13/2017 17:50	Q0362CYEP00	Hiper V	2.00
LCP112	Topo	0:02:59	12/13/2017 19:16	Q0362CYEP00	Hiper V	2.00
LCP113	Topo	0:02:59	12/13/2017 20:23	Q0362CYEP00	Hiper V	2.00
LCP12	Topo	0:00:19	12/6/2017 22:22	Q0362CYEP00	Hiper V	2.00
LCP14	Topo	0:00:19	12/11/2017 22:38	Q0362CYEP00	Hiper V	2.00
LCP15	Topo	0:00:19	12/11/2017 20:25	Q0362CYEP00	Hiper V	2.00
LCP16	Topo	0:00:19	12/7/2017 19:12	Q0362CYEP00	Hiper V	2.00
LCP17	Topo	0:00:19	12/6/2017 19:17	Q0362CYEP00	Hiper V	2.00
LCP18	Topo	0:00:19	12/7/2017 21:15	Q0362CYEP00	Hiper V	2.00
LCP19	Topo	0:02:59	12/10/2017 20:01	Q037DPOIUQ0	Hiper V	2.00
LCP20	Topo	0:02:59	12/10/2017 20:39	Q037DPOIUQ0	Hiper V	2.00
LCP21	Topo	0:00:19	12/8/2017 20:02	Q0362CYEP00	Hiper V	2.00
LCP22	Topo	0:00:19	12/7/2017 22:29	Q0362CYEP00	Hiper V	2.00
LCP23	Topo	0:00:19	12/6/2017 17:59	Q0362CYEP00	Hiper V	2.00
LCP24	Topo	0:02:59	12/10/2017 18:10	Q037DPOIUQ0	Hiper V	2.00
LCP25	Topo	0:00:19	12/8/2017 20:54	Q0362CYEP00	Hiper V	2.00
LCP26	Topo	0:00:19	12/8/2017 18:20	Q0362CYEP00	Hiper V	2.00
LCP27	Topo	0:00:19	12/6/2017 16:38	Q0362CYEP00	Hiper V	2.00
LCP28	Topo	0:04:35	12/7/2017 19:31	Q037DPOIUQ0	Hiper V	2.00
LCP29	Topo	0:00:19	12/8/2017 16:16	Q0362CYEP00	Hiper V	2.00
LCP30	Topo	0:02:59	12/8/2017 19:01	Q037DPOIUQ0	Hiper V	2.00
LCP31	Topo	0:04:27	12/5/2017 19:47	Q037DPOIUQ0	Hiper V	2.00
LCP32	Topo	0:05:15	12/6/2017 18:32	Q037DPOIUQ0	Hiper V	2.00
LCP33	Topo	0:02:59	12/6/2017 22:28	Q037DPOIUQ0	Hiper V	2.00
LCP34	Topo	0:02:59	12/7/2017 17:59	Q037DPOIUQ0	Hiper V	2.00
LCP35	Topo	0:02:59	12/7/2017 22:47	Q037DPOIUQ0	Hiper V	2.00
LCP36	Topo	0:02:59	12/9/2017 20:43	Q037DPOIUQ0	Hiper V	2.00

LCP37	Topo	0:02:59	12/14/2017 21:37	Q0362CYEP00	Hiper V	2.00
LCP38	Topo	0:02:59	12/14/2017 21:52	Q0362CYEP00	Hiper V	2.00
LCP39	Topo	0:02:59	12/14/2017 22:29	Q0362CYEP00	Hiper V	2.00
LCP40	Topo	0:02:59	12/14/2017 22:55	Q0362CYEP00	Hiper V	2.00
LCP41	Topo	0:02:59	12/14/2017 23:17	Q0362CYEP00	Hiper V	2.00
LCP49	Topo	0:00:19	12/11/2017 21:56	Q0362CYEP00	Hiper V	2.00
LCP50	Topo	0:00:19	12/11/2017 21:09	Q0362CYEP00	Hiper V	2.00
LCP51	Topo	0:00:19	12/10/2017 19:10	Q0362CYEP00	Hiper V	2.00
LCP54	Topo	0:00:19	12/11/2017 17:47	Q0362CYEP00	Hiper V	2.00
LCP55	Topo	0:00:19	12/10/2017 23:39	Q0362CYEP00	Hiper V	2.00
LCPX501	Topo	0:00:19	12/6/2017 17:27	Q0362CYEP00	Hiper V	2.00
LCPX502	Topo	0:00:19	12/7/2017 17:48	Q0362CYEP00	Hiper V	2.00
LCPX503	Topo	0:00:19	12/8/2017 17:22	Q0362CYEP00	Hiper V	2.00
LCPX504	Topo	0:00:08	12/9/2017 19:14	Q0362CYEP00	Hiper V	2.00
LCPX505	Topo	0:00:19	12/10/2017 20:59	Q0362CYEP00	Hiper V	2.00
LCPX506	Topo	0:00:19	12/11/2017 18:31	Q0362CYEP00	Hiper V	2.00
MF_CHK_101	Topo	0:02:59	12/12/2017 15:50	Q0362CYEP00	Hiper V	2.00
MF_CHK501	Topo	0:02:59	12/10/2017 0:32	Q0362CYEP00	Hiper V	2.00
MF_CHK502	Topo	0:02:59	12/10/2017 16:58	Q0362CYEP00	Hiper V	2.00
MF_CHK503	Topo	0:02:59	12/12/2017 0:34	Q0362CYEP00	Hiper V	2.00
MO_MON	Topo	0:02:59	12/8/2017 18:38	Q037DPOIUQ0	Hiper V	2.00
MP_CHK503	Topo	0:02:59	12/11/2017 0:18	Q0362CYEP00	Hiper V	2.00
MP_CHK504	Topo	0:05:56	12/11/2017 15:55	Q0362CYEP00	Hiper V	2.00
NVAX501	Topo	0:00:19	12/6/2017 18:31	Q0362CYEP00	Hiper V	2.00
NVAX502	Topo	0:00:19	12/7/2017 18:13	Q0362CYEP00	Hiper V	2.00
NVAX503	Topo	0:00:19	12/8/2017 17:43	Q0362CYEP00	Hiper V	2.00
NVAX504	Topo	0:00:19	12/9/2017 18:06	Q0362CYEP00	Hiper V	2.00
NVAX505	Topo	0:00:19	12/10/2017 21:34	Q0362CYEP00	Hiper V	2.00
NVAX506	Topo	0:00:19	12/11/2017 20:00	Q0362CYEP00	Hiper V	2.00
OT01	Topo	0:00:59	12/9/2017 21:33	Q037DPOIUQ0	Hiper V	2.00
OT02	Topo	0:00:59	12/5/2017 22:35	Q037DPOIUQ0	Hiper V	2.00
OT03	Topo	0:02:18	12/5/2017 20:20	Q037DPOIUQ0	Hiper V	2.00
OT03c	Topo	0:00:59	12/13/2017 21:07	Q0362CYEP00	Hiper V	2.00
OT04	Topo	0:00:39	12/5/2017 17:59	Q037DPOIUQ0	Hiper V	2.00
OT04c	Topo	0:00:59	12/13/2017 19:14	Q0362CYEP00	Hiper V	2.00
OT05	Topo	0:00:59	12/6/2017 16:44	Q037DPOIUQ0	Hiper V	2.00
OT05c	Topo	0:00:59	12/12/2017 18:37	Q0362CYEP00	Hiper V	2.00
OT06	Topo	0:00:59	12/9/2017 18:41	Q037DPOIUQ0	Hiper V	2.00
OT06c	Topo	0:00:59	12/12/2017 22:12	Q0362CYEP00	Hiper V	2.00
OT07	Topo	0:00:59	12/7/2017 16:36	Q037DPOIUQ0	Hiper V	2.00
OT07c	Topo	0:00:59	12/12/2017 20:53	Q0362CYEP00	Hiper V	2.00

OT08	Topo	0:00:59	12/7/2017 21:31	Q037DPOIUQ0	Hiper V	2.00
OT09	Topo	0:00:59	12/8/2017 21:50	Q037DPOIUQ0	Hiper V	2.00
OT10	Topo	0:00:59	12/8/2017 16:41	Q037DPOIUQ0	Hiper V	2.00
OT11	Topo	0:00:19	12/7/2017 23:07	Q0362CYEP00	Hiper V	2.00
OT12	Topo	0:00:19	12/8/2017 17:20	Q0362CYEP00	Hiper V	2.00
OT13	Topo	0:00:19	12/8/2017 17:55	Q0362CYEP00	Hiper V	2.00
OT14	Topo	0:00:19	12/7/2017 16:42	Q0362CYEP00	Hiper V	2.00
OT15	Topo	0:00:19	12/6/2017 17:23	Q0362CYEP00	Hiper V	2.00
OT16	Topo	0:00:19	12/7/2017 17:48	Q0362CYEP00	Hiper V	2.00
OT17	Topo	0:00:19	12/6/2017 19:36	Q0362CYEP00	Hiper V	2.00
OT18	Topo	0:00:19	12/6/2017 21:10	Q0362CYEP00	Hiper V	2.00
OT19	Topo	0:00:19	12/7/2017 20:08	Q0362CYEP00	Hiper V	2.00
OT20	Topo	0:01:52	12/10/2017 19:33	Q037DPOIUQ0	Hiper V	2.00
OT21	Topo	0:00:59	12/10/2017 21:11	Q037DPOIUQ0	Hiper V	2.00
OT23	Topo	0:00:19	12/11/2017 18:30	Q0362CYEP00	Hiper V	2.00
OT24	Topo	0:00:19	12/11/2017 17:46	Q0362CYEP00	Hiper V	2.00
OT26	Topo	0:00:19	12/10/2017 20:58	Q0362CYEP00	Hiper V	2.00
OT27	Topo	0:00:19	12/10/2017 20:12	Q0362CYEP00	Hiper V	2.00
OT28	Topo	0:00:19	12/10/2017 19:48	Q0362CYEP00	Hiper V	2.00
OT29	Topo	0:00:19	12/10/2017 23:37	Q0362CYEP00	Hiper V	2.00
OT30	Topo	0:00:19	12/10/2017 22:27	Q0362CYEP00	Hiper V	2.00
OT31	Topo	0:00:19	12/9/2017 21:02	Q0362CYEP00	Hiper V	2.00
OT32	Topo	0:00:19	12/9/2017 20:04	Q0362CYEP00	Hiper V	2.00
OT33	Topo	0:00:14	12/9/2017 19:11	Q0362CYEP00	Hiper V	2.00
OT34	Topo	0:00:19	12/9/2017 21:39	Q0362CYEP00	Hiper V	2.00
TR01	Topo	0:00:19	12/10/2017 18:11	Q0362CYEP00	Hiper V	2.00
TR02	Topo	0:00:19	12/10/2017 21:33	Q0362CYEP00	Hiper V	2.00
TR03	Topo	0:00:19	12/9/2017 21:20	Q0362CYEP00	Hiper V	2.00
TR03c	Topo	0:00:59	12/13/2017 16:51	Q0362CYEP00	Hiper V	2.00
TR04	Topo	0:00:19	12/9/2017 18:59	Q0362CYEP00	Hiper V	2.00
TR04c	Topo	0:02:38	12/13/2017 20:20	Q0362CYEP00	Hiper V	2.00
TR05	Topo	0:01:06	12/12/2017 21:52	Q0362CYEP00	Hiper V	2.00
TR06	Topo	0:00:19	12/11/2017 22:20	Q0362CYEP00	Hiper V	2.00
TR06c	Topo	0:00:59	12/12/2017 20:01	Q0362CYEP00	Hiper V	2.00
TR07	Topo	0:00:19	12/6/2017 22:43	Q0362CYEP00	Hiper V	2.00
TR07b	Topo	0:00:59	12/12/2017 17:37	Q0362CYEP00	Hiper V	2.00
TR08	Topo	0:00:19	12/7/2017 21:39	Q0362CYEP00	Hiper V	2.00
TR09	Topo	0:00:59	12/10/2017 20:27	Q037DPOIUQ0	Hiper V	2.00
TR10	Topo	0:00:19	12/8/2017 17:42	Q0362CYEP00	Hiper V	2.00
TR11	Topo	0:00:55	12/8/2017 20:38	Q0362CYEP00	Hiper V	2.00
TR12	Topo	0:00:59	12/8/2017 20:58	Q037DPOIUQ0	Hiper V	2.00

TR13	Topo	0:00:59	12/8/2017 18:29	Q037DPOIUQ0	Hiper V	2.00
TR14	Topo	0:00:59	12/5/2017 19:21	Q037DPOIUQ0	Hiper V	2.00
TR15	Topo	0:04:01	12/5/2017 22:49	Q037DPOIUQ0	Hiper V	2.00
TR16	Topo	0:00:59	12/9/2017 23:16	Q037DPOIUQ0	Hiper V	2.00
TR17	Topo	0:00:53	12/9/2017 19:22	Q037DPOIUQ0	Hiper V	2.00
TR18	Topo	0:00:59	12/9/2017 18:19	Q037DPOIUQ0	Hiper V	2.00
TR19	Topo	0:00:59	12/7/2017 17:02	Q037DPOIUQ0	Hiper V	2.00
TR20	Topo	0:00:59	12/7/2017 21:49	Q037DPOIUQ0	Hiper V	2.00
TR21	Topo	0:00:59	12/7/2017 19:57	Q037DPOIUQ0	Hiper V	2.00
TR22	Topo	0:00:19	12/7/2017 19:45	Q0362CYEP00	Hiper V	2.00
TR23	Topo	0:00:19	12/6/2017 20:05	Q0362CYEP00	Hiper V	2.00
TR25	Topo	0:01:48	12/6/2017 22:09	Q037DPOIUQ0	Hiper V	2.00
UR01	Topo	0:00:59	12/7/2017 18:24	Q037DPOIUQ0	Hiper V	2.00
UR01c	Topo	0:01:10	12/13/2017 20:43	Q0362CYEP00	Hiper V	2.00
UR02	Topo	0:00:19	12/10/2017 17:48	Q0362CYEP00	Hiper V	2.00
UR02c	Topo	0:00:59	12/13/2017 19:52	Q0362CYEP00	Hiper V	2.00
UR03	Topo	0:00:19	12/10/2017 19:33	Q0362CYEP00	Hiper V	2.00
UR03c	Topo	0:01:00	12/13/2017 18:51	Q0362CYEP00	Hiper V	2.00
UR04	Topo	0:00:19	12/9/2017 20:19	Q0362CYEP00	Hiper V	2.00
UR04c	Topo	0:00:59	12/13/2017 17:32	Q0362CYEP00	Hiper V	2.00
UR05	Topo	0:00:19	12/9/2017 18:44	Q0362CYEP00	Hiper V	2.00
UR05c	Topo	0:00:59	12/13/2017 21:49	Q0362CYEP00	Hiper V	2.00
UR06	Topo	0:00:19	12/9/2017 22:38	Q0362CYEP00	Hiper V	2.00
UR07	Topo	0:00:19	12/10/2017 21:45	Q0362CYEP00	Hiper V	2.00
UR08	Topo	0:00:19	12/11/2017 17:10	Q0362CYEP00	Hiper V	2.00
UR10	Topo	0:00:19	12/11/2017 23:13	Q0362CYEP00	Hiper V	2.00
UR11	Topo	0:00:19	12/11/2017 22:52	Q0362CYEP00	Hiper V	2.00
UR12	Topo	0:00:19	12/11/2017 21:08	Q0362CYEP00	Hiper V	2.00
UR13	Topo	0:00:20	12/7/2017 21:58	Q0362CYEP00	Hiper V	2.00
UR14	Topo	0:00:19	12/7/2017 18:54	Q0362CYEP00	Hiper V	2.00
UR15	Topo	0:00:19	12/6/2017 21:24	Q0362CYEP00	Hiper V	2.00
UR16	Topo	0:00:19	12/6/2017 20:47	Q0362CYEP00	Hiper V	2.00
UR17	Topo	0:00:19	12/6/2017 17:03	Q0362CYEP00	Hiper V	2.00
UR18	Topo	0:00:59	12/8/2017 20:19	Q037DPOIUQ0	Hiper V	2.00
UR19	Topo	0:00:19	12/8/2017 19:22	Q0362CYEP00	Hiper V	2.00
UR20	Topo	0:00:19	12/8/2017 21:49	Q0362CYEP00	Hiper V	2.00
UR21	Topo	0:00:19	12/8/2017 16:52	Q0362CYEP00	Hiper V	2.00
UR22	Topo	0:00:59	12/8/2017 19:26	Q037DPOIUQ0	Hiper V	2.00
UR23	Topo	0:00:59	12/8/2017 21:26	Q037DPOIUQ0	Hiper V	2.00
UR24	Topo	0:00:59	12/8/2017 16:19	Q037DPOIUQ0	Hiper V	2.00
UR25	Topo	0:00:59	12/6/2017 16:29	Q037DPOIUQ0	Hiper V	2.00

UR26	Topo	0:00:59	12/6/2017 17:56	Q037DPOIUQ0	Hiper V	2.00
UR27	Topo	0:00:59	12/6/2017 19:23	Q037DPOIUQ0	Hiper V	2.00
UR28	Topo	0:00:59	12/9/2017 21:52	Q037DPOIUQ0	Hiper V	2.00
UR29	Topo	0:00:39	12/5/2017 16:48	Q037DPOIUQ0	Hiper V	2.00
UR30	Topo	0:00:59	12/6/2017 23:04	Q037DPOIUQ0	Hiper V	2.00
UR31	Topo	0:00:59	12/7/2017 19:05	Q037DPOIUQ0	Hiper V	2.00
UR32	Topo	0:00:59	12/8/2017 17:54	Q037DPOIUQ0	Hiper V	2.00
UR33	Topo	0:00:19	12/8/2017 20:23	Q0362CYEP00	Hiper V	2.00
UR34	Topo	0:00:59	12/6/2017 17:07	Q037DPOIUQ0	Hiper V	2.00
UR35	Topo	0:00:39	12/5/2017 19:02	Q037DPOIUQ0	Hiper V	2.00
UR36	Topo	0:00:59	12/5/2017 21:17	Q037DPOIUQ0	Hiper V	2.00
VVAX501	Topo	0:00:19	12/6/2017 17:05	Q0362CYEP00	Hiper V	2.00
VVAX502	Topo	0:00:19	12/7/2017 16:46	Q0362CYEP00	Hiper V	2.00
VVAX503	Topo	0:00:19	12/8/2017 16:54	Q0362CYEP00	Hiper V	2.00
VVAX504	Topo	0:00:19	12/9/2017 18:45	Q0362CYEP00	Hiper V	2.00
VVAX505	Topo	0:00:19	12/10/2017 21:46	Q0362CYEP00	Hiper V	2.00
VVAX506	Topo	0:00:19	12/11/2017 23:15	Q0362CYEP00	Hiper V	2.00
WEST_PLAINS_CHK02	Topo	0:02:59	12/6/2017 15:21	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK03	Topo	0:02:59	12/6/2017 23:37	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK04	Topo	0:02:59	12/7/2017 15:07	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK05	Topo	0:02:59	12/7/2017 23:12	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK06	Topo	0:02:59	12/8/2017 15:18	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK07	Topo	0:02:59	12/8/2017 23:16	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK08	Topo	0:02:59	12/9/2017 16:52	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK09	Topo	0:02:59	12/10/2017 0:45	Q037DPOIUQ0	Hiper V	2.00
WEST_PLAINS_CHK10	Topo	0:02:59	12/10/2017 17:04	Q037DPOIUQ0	Hiper V	2.00
WP_CHK501	Topo	0:02:59	12/6/2017 15:29	Q0362CYEP00	Hiper V	2.00
WP_CHK502	Topo	0:03:22	12/7/2017 0:24	Q0362CYEP00	Hiper V	2.00
WP_CHK503	Topo	0:02:59	12/7/2017 15:14	Q0362CYEP00	Hiper V	2.00
WP_CHK504	Topo	0:02:59	12/8/2017 0:15	Q0362CYEP00	Hiper V	2.00
WP_CHK505	Topo	0:02:59	12/8/2017 14:57	Q0362CYEP00	Hiper V	2.00
WP_CHK506	Topo	0:02:59	12/8/2017 23:12	Q0362CYEP00	Hiper V	2.00
WP_CHK507	Topo	0:02:59	12/9/2017 16:24	Q0362CYEP00	Hiper V	2.00
WP_CHK508	Topo	0:02:59	12/14/2017 21:07	Q0362CYEP00	Hiper V	2.00
WP_CHK509	Topo	0:02:59	12/14/2017 23:53	Q0362CYEP00	Hiper V	2.00
XLCP101	Topo	0:02:59	12/5/2017 18:02	Q037DPOIUQ0	Hiper V	2.00
XLCP102	Topo	0:01:53	12/6/2017 21:43	Q037DPOIUQ0	Hiper V	2.00
XLCP103	Topo	0:02:59	12/7/2017 20:32	Q037DPOIUQ0	Hiper V	2.00
XLCP104	Topo	0:02:59	12/8/2017 17:16	Q037DPOIUQ0	Hiper V	2.00
XLCP105	Topo	0:05:33	12/9/2017 18:21	Q037DPOIUQ0	Hiper V	2.00
XLCP106	Topo	0:04:15	12/10/2017 21:19	Q037DPOIUQ0	Hiper V	2.00

XLCP107	Topo	0:02:59	12/12/2017 18:00	Q0362CYEP00	Hiper V	2.00
XLCP108	Topo	0:02:59	12/13/2017 21:30	Q0362CYEP00	Hiper V	2.00
XNVA101	Topo	0:00:39	12/5/2017 18:37	Q037DPOIUQ0	Hiper V	2.00
XNVA102	Topo	0:00:59	12/6/2017 20:40	Q037DPOIUQ0	Hiper V	2.00
XNVA103	Topo	0:00:59	12/7/2017 17:08	Q037DPOIUQ0	Hiper V	2.00
XNVA104	Topo	0:00:59	12/8/2017 19:47	Q037DPOIUQ0	Hiper V	2.00
XNVA105	Topo	0:00:59	12/9/2017 19:24	Q037DPOIUQ0	Hiper V	2.00
XNVA106	Topo	0:00:59	12/10/2017 19:02	Q037DPOIUQ0	Hiper V	2.00
XNVA107	Topo	0:00:59	12/12/2017 19:07	Q0362CYEP00	Hiper V	2.00
XNVA108	Topo	0:00:59	12/13/2017 16:53	Q0362CYEP00	Hiper V	2.00
XVVA101	Topo	0:00:39	12/5/2017 19:04	Q037DPOIUQ0	Hiper V	2.00
XVVA102	Topo	0:00:39	12/6/2017 19:35	Q037DPOIUQ0	Hiper V	2.00
XVVA103	Topo	0:00:59	12/7/2017 16:38	Q037DPOIUQ0	Hiper V	2.00
XVVA104	Topo	0:00:59	12/8/2017 16:44	Q037DPOIUQ0	Hiper V	2.00
XVVA105	Topo	0:00:59	12/8/2017 21:53	Q037DPOIUQ0	Hiper V	2.00
XVVA106	Topo	0:00:59	12/9/2017 18:43	Q037DPOIUQ0	Hiper V	2.00
XVVA107	Topo	0:00:59	12/10/2017 19:36	Q037DPOIUQ0	Hiper V	2.00
XVVA108	Topo	0:00:59	12/12/2017 18:39	Q0362CYEP00	Hiper V	2.00
XVVA109	Topo	0:00:59	12/13/2017 17:34	Q0362CYEP00	Hiper V	2.00

1.3b (Trimble R8 SN #22371)

Point Name	Method	Duration	Start Time	Receiver	Rover Antenna Type	Rover Antenna Height (m)
BE01	Topo	00:10.0	12/12/2017 23:25	Trimble	R8 GNSS/SPS88x Internal	2.00
BE02	Topo	00:10.0	12/13/2017 18:54	Trimble	R8 GNSS/SPS88x Internal	2.00
BE03	Topo	00:10.0	12/13/2017 21:17	Trimble	R8 GNSS/SPS88x Internal	2.00
BE04	Topo	00:10.0	12/13/2017 20:31	Trimble	R8 GNSS/SPS88x Internal	2.00
BE09	Topo	00:10.0	12/13/2017 18:23	Trimble	R8 GNSS/SPS88x Internal	2.00
BE10	Topo	00:11.0	12/12/2017 21:20	Trimble	R8 GNSS/SPS88x Internal	2.00
BENT_CHK501	Topo	03:05.0	12/12/2017 19:11	Trimble	R8 GNSS/SPS88x Internal	2.00
BENT_CHK502	Topo	03:12.0	12/13/2017 0:39	Trimble	R8 GNSS/SPS88x Internal	2.00
BENT_CHK503	Topo	03:14.0	12/13/2017 14:58	Trimble	R8 GNSS/SPS88x Internal	2.00
BENT_CHK504	Topo	03:08.0	12/13/2017 23:06	Trimble	R8 GNSS/SPS88x Internal	2.00
BR01	Topo	00:11.0	12/12/2017 21:45	Trimble	R8 GNSS/SPS88x Internal	2.00
BR02	Topo	00:12.0	12/13/2017 17:28	Trimble	R8 GNSS/SPS88x Internal	2.00
BR03	Topo	00:11.0	12/13/2017 20:55	Trimble	R8 GNSS/SPS88x Internal	2.00
BR04	Topo	00:14.0	12/13/2017 19:34	Trimble	R8 GNSS/SPS88x Internal	2.00
HG501	Topo	00:14.0	12/12/2017 20:56	Trimble	R8 GNSS/SPS88x Internal	2.00
HG502	Topo	00:10.0	12/13/2017 16:08	Trimble	R8 GNSS/SPS88x Internal	2.00

HG503	Topo	00:10.0	12/13/2017 20:11	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP01	Topo	00:10.0	12/12/2017 23:26	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP02	Topo	00:12.0	12/13/2017 18:55	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP03	Topo	00:10.0	12/13/2017 21:19	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP04	Topo	00:10.0	12/13/2017 20:32	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP09	Topo	00:11.0	12/13/2017 18:25	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP10	Topo	00:10.0	12/12/2017 21:21	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP13	Topo	00:12.0	12/14/2017 20:08	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP52	Topo	00:13.0	12/14/2017 23:05	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP53	Topo	00:10.0	12/14/2017 20:56	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP58	Topo	00:10.0	12/14/2017 22:26	Trimble	R8 GNSS/SPS88x Internal	2.00
LCP59	Topo	00:10.0	12/14/2017 21:54	Trimble	R8 GNSS/SPS88x Internal	2.00
LCPX507	Topo	00:21.0	12/12/2017 20:08	Trimble	R8 GNSS/SPS88x Internal	2.00
LCPX508	Topo	00:10.0	12/13/2017 17:09	Trimble	R8 GNSS/SPS88x Internal	2.00
MF_CHK511	Topo	03:10.0	12/14/2017 18:55	Trimble	R8 GNSS/SPS88x Internal	2.00
NVAX507	Topo	00:24.0	12/12/2017 19:52	Trimble	R8 GNSS/SPS88x Internal	2.00
NVAX508	Topo	00:10.0	12/13/2017 17:30	Trimble	R8 GNSS/SPS88x Internal	2.00
OT01	Topo	00:10.0	12/13/2017 16:47	Trimble	R8 GNSS/SPS88x Internal	2.00
OT02	Topo	00:22.0	12/12/2017 20:07	Trimble	R8 GNSS/SPS88x Internal	2.00
OT08	Topo	00:11.0	12/13/2017 21:31	Trimble	R8 GNSS/SPS88x Internal	2.00
OT09	Topo	00:10.0	12/13/2017 19:13	Trimble	R8 GNSS/SPS88x Internal	2.00
OT10	Topo	00:10.0	12/12/2017 22:47	Trimble	R8 GNSS/SPS88x Internal	2.00
TR01	Topo	00:10.0	12/12/2017 23:04	Trimble	R8 GNSS/SPS88x Internal	2.00
TR02	Topo	00:21.0	12/12/2017 19:50	Trimble	R8 GNSS/SPS88x Internal	2.00
UR06	Topo	00:10.0	12/13/2017 17:59	Trimble	R8 GNSS/SPS88x Internal	2.00
UR07	Topo	00:12.0	12/12/2017 22:26	Trimble	R8 GNSS/SPS88x Internal	2.00
UR08	Topo	00:10.0	12/13/2017 17:08	Trimble	R8 GNSS/SPS88x Internal	2.00
UR09	Topo	00:11.0	12/13/2017 21:51	Trimble	R8 GNSS/SPS88x Internal	2.00
UR10	Topo	00:32.0	12/12/2017 20:22	Trimble	R8 GNSS/SPS88x Internal	2.00
UR11	Topo	00:10.0	12/12/2017 23:48	Trimble	R8 GNSS/SPS88x Internal	2.00
VVAX507	Topo	00:10.0	12/12/2017 20:29	Trimble	R8 GNSS/SPS88x Internal	2.00
VVAX508	Topo	00:12.0	12/13/2017 16:49	Trimble	R8 GNSS/SPS88x Internal	2.00
WP_CHK511	Topo	03:13.0	12/14/2017 23:26	Trimble	R8 GNSS/SPS88x Internal	2.00

1.4RTN - RTK Checkpoint Survey -vs- OPUS Solution Comparison

WP_CHK	4063910.714	600464.872	312.750	OPUS	N	E	ELV
WEST_PLAINS_CHK02	4063910.735	600464.876	312.763	CHK	-0.021	-0.004	-0.013
WEST_PLAINS_CHK03	4063910.719	600464.858	312.737	CHK	-0.005	0.014	0.013
WEST_PLAINS_CHK04	4063910.722	600464.884	312.737	CHK	-0.008	-0.012	0.013
WEST_PLAINS_CHK05	4063910.728	600464.879	312.746	CHK	-0.014	-0.007	0.004
WEST_PLAINS_CHK06	4063910.723	600464.867	312.741	CHK	-0.009	0.005	0.009
WEST_PLAINS_CHK07	4063910.733	600464.87	312.771	CHK	-0.019	0.002	-0.021
WEST_PLAINS_CHK08	4063910.73	600464.863	312.747	CHK	-0.016	0.009	0.003
WEST_PLAINS_CHK09	4063910.714	600464.872	312.744	CHK	0.000	0.000	0.006
WEST_PLAINS_CHK10	4063910.718	600464.869	312.742	CHK	-0.004	0.003	0.008
WP_CHK501	4063910.729	600464.886	312.754	CHK	-0.015	-0.014	-0.004
WP_CHK502	4063910.736	600464.85	312.745	CHK	-0.022	0.022	0.005
WP_CHK503	4063910.71	600464.86	312.745	CHK	0.004	0.012	0.005
WP_CHK504	4063910.724	600464.868	312.772	CHK	-0.010	0.004	-0.022
WP_CHK505	4063910.736	600464.853	312.748	CHK	-0.022	0.019	0.002
WP_CHK506	4063910.731	600464.877	312.758	CHK	-0.017	-0.005	-0.008
WP_CHK507	4063910.699	600464.861	312.75	CHK	0.015	0.011	0.000
WP_CHK508	4063910.706	600464.875	312.763	CHK	0.008	-0.003	-0.013
WP_CHK509	4063910.73	600464.87	312.737	CHK	-0.016	0.002	0.013
WP_CHK511	4063910.713	600464.890	312.743	CHK	0.001	-0.018	0.007
<i>WestPlains Checks</i>				Averages	-0.009	0.002	0.000

MF_CHK	4132854.775	506313.157	450.086	OPUS	N	E	ELV
MF_CHK_101	4132854.797	506313.155	450.087	CHK	-0.022	0.002	-0.001
MF_CHK501	4132854.784	506313.158	450.092	CHK	-0.009	-0.001	-0.006
MF_CHK502	4132854.78	506313.173	450.103	CHK	-0.005	-0.016	-0.017
MF_CHK503	4132854.782	506313.156	450.102	CHK	-0.007	0.001	-0.016
MP_CHK503	4132854.783	506313.159	450.094	CHK	-0.008	-0.002	-0.008
MP_CHK504	4132854.792	506313.16	450.088	CHK	-0.017	-0.003	-0.002
MF_CHK511	4132854.793	506313.169	450.100	CHK	-0.018	-0.012	-0.014
<i>Marshfield Checks</i>				Averages	-0.012	-0.004	-0.009

BENT_CHK	4022023.231	393320.087	386.218	OPUS	N	E	ELV
BENT_CHK501	4022023.261	393320.102	386.152	CHK	-0.030	-0.015	0.066
BENT_CHK502	4022023.227	393320.115	386.193	CHK	0.004	-0.028	0.025
BENT_CHK503	4022023.240	393320.097	386.149	CHK	-0.009	-0.010	0.069
BENT_CHK504	4022023.215	393320.103	386.164	CHK	0.016	-0.016	0.054
BENT_CHK101	4022023.233	393320.107	386.187	CHK	-0.002	-0.020	0.031
BENT_CHK102	4022023.256	393320.119	386.24	CHK	-0.025	-0.032	-0.022
BENT_CHK103	4022023.244	393320.071	386.114	CHK	-0.013	0.016	0.104
<i>Bentonville Checks</i>				Averages	-0.008	-0.015	0.047

1.5 Survey Checkpoint Photographs

- Due to the vast amount of points collected all pictures are submitted in digital format with the final project deliverables organized by date of capture.

1.6 GNSS Static Session Forms

- Due to the vast amount of points collected all session forms are submitted in digital format with the final project deliverables organized by date of collection

1.7 OPUS Solution Reports

- Due to the vast amount of points collected all OPUS Solution Reports are submitted in digital format with the final project deliverables organized by date of collection.

2 Custody Transference Assurance

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