

# Component Registration Report

Project: 1\_Apr\_rc

Wed, Apr 9, 2025 12:28:50

RealityCapture 1.5.1.118081 RC

Component Name	Component 0				
Camera Count	206 / 208	<b>Engine</b>		RealityCapture / High / Downscale 1x	
Automatic Point Count	757979	<b>Features / Pre-selector / Sensitivity</b>		40000 / 10000 / Medium	
Control Point Count	0	<b>Max Re-projection Error</b>		2.00	
Constraints Used	0	<b>Lens Model</b>		K + Brown3 with tangential2	
Use Camera Positions	True	<b>Final Optimization</b>		True	
Output Coordinate System	local.1 - Eudidean	<b>Camera Groups Count</b>		all inputs are registered independently	

## Control Points

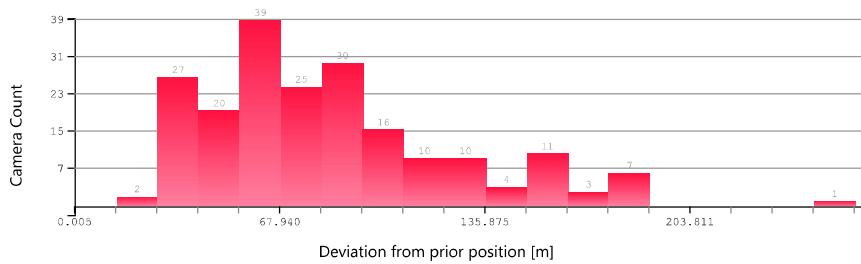
The following table shows the accuracy report for all ground or test control points with their assigned prior value.

Name	Type	X [m]	Y [m]	Z [m]	Cal. X [m]	Cal. Y [m]	Cal. Z [m]	dX [m]	dY [m]	dZ [m]
c2	GCP	1160610.030 +/-0.050	5413020.159 +/-0.050	3157379.118 +/-0.100	1160610.135	5413020.713	3157378.958	-0.024	0.420	-0.409
c3	GCP	1160642.089 +/-0.050	5413012.152 +/-0.050	3157380.892 +/-0.100	1160642.091	5413012.149	3157380.893	0.002	-0.002	0.002
c4	GCP	1160630.907 +/-0.050	5413029.541 +/-0.050	3157355.460 +/-0.100	1160630.881	5413029.504	3157355.492	-0.016	-0.049	0.020
				Mean		-0.012	0.123	-0.129		
				Std		0.011	0.211	0.198		
				RMSE		0.016	0.244	0.237		

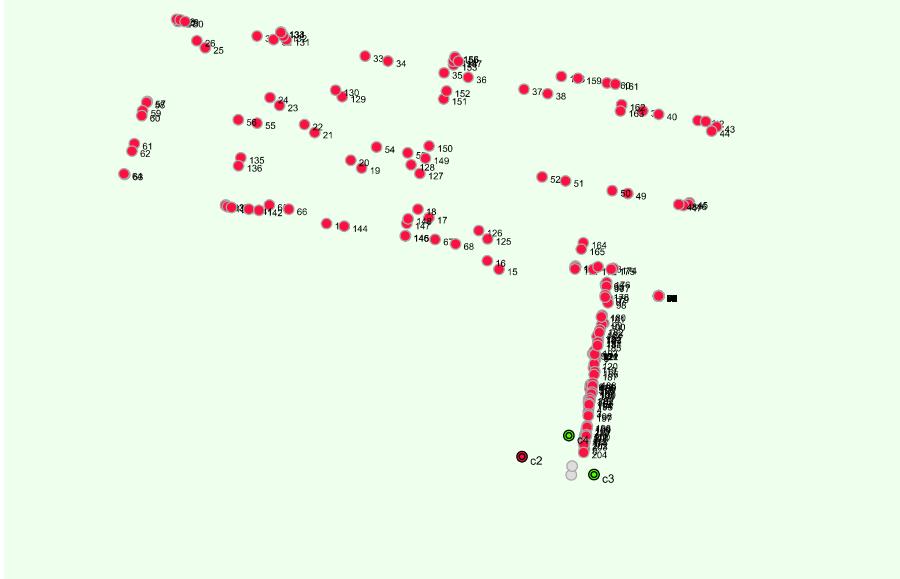
Table cells are color-coded based on achieved accuracy. See [legend](#) below.

## Camera Position

The following histogram shows the number of cameras (Y-axis) whose total 3D deviation to the prior is within values on the X-axis. Histogram bins are colored as described in [legend](#) below with the accuracy threshold set to 0.35 m.



Geo-location of cameras and ground and test control points with color coded accuracy.



Gray dots represent un-registered images with known prior positions. Cyan dots represent registered images with unknown prior positions. Accuracy is color coded as described in [legend](#) below.

## Camera Information

Detailed information only for cameras with the geo-location outside of the defined prior accuracy region

Index	Name	X [m]	Y [m]	Z [m]	Cal. X [m]	Cal. Y [m]	Cal. Z [m]	dX [m]	dY [m]	dZ [m]	
0	DSC00234.JPG	1160625.070	+/-0.200	5412973.099	+/-0.200	3157341.967	+/-0.200	1160637.798	5413023.547	3157368.598	1.869
1	DSC00235.JPG	1160625.071	+/-0.200	5412973.106	+/-0.200	3157341.987	+/-0.200	1160638.129	5413027.075	3157370.628	1.453
2	DSC00236.JPG	1160625.069	+/-0.200	5412973.096	+/-0.200	3157341.981	+/-0.200	1160638.291	5413028.640	3157371.465	1.283
3	DSC00237.JPG	1160625.064	+/-0.200	5412973.101	+/-0.200	3157341.983	+/-0.200	1160639.564	5413040.280	3157376.762	0.094
4	DSC00238.JPG	1160625.5921	+/-0.200	5412974.785	+/-0.200	3157343.300	+/-0.200	1160639.790	5413041.865	3157377.527	-0.503
5	DSC00239.JPG	1160626.346	+/-0.200	5412976.150	+/-0.200	3157344.434	+/-0.200	1160640.416	5413050.819	3157381.425	-1.897
6	DSC00240.JPG	1160626.809	+/-0.200	5412979.482	+/-0.200	3157346.629	+/-0.200	1160640.487	5413052.299	3157382.161	-1.892
7	DSC00241.JPG	1160627.031	+/-0.200	5412980.988	+/-0.200	3157347.550	+/-0.200	1160642.766	5413063.458	3157388.289	-1.904
8	DSC00242.JPG	1160628.715	+/-0.200	5412992.212	+/-0.200	3157353.444	+/-0.200	1160642.877	5413064.961	3157389.027	-1.405
9	DSC00243.JPG	1160628.993	+/-0.200	5412993.744	+/-0.200	3157354.273	+/-0.200	1160641.490	5413066.014	3157389.350	-2.933
10	DSC00244.JPG	1160629.957	+/-0.200	5413002.222	+/-0.200	3157358.563	+/-0.200	1160641.668	5413065.941	3157389.232	-1.908
11	DSC00245.JPG	1160630.104	+/-0.200	5413003.613	+/-0.200	3157359.362	+/-0.200	1160642.645	5413065.786	3157389.584	-0.949
12	DSC00246.JPG	1160632.771	+/-0.200	5413013.822	+/-0.200	3157365.837	+/-0.200	1160642.672	5413065.919	3157389.704	-1.241
13	DSC00247.JPG	1160632.929	+/-0.200	5413015.233	+/-0.200	3157366.632	+/-0.200	1160643.786	5413071.579	3157392.320	-1.197
14	DSC00248.JPG	1160631.693	+/-0.200	5413016.207	+/-0.200	3157367.046	+/-0.200	1160644.055	5413073.049	3157392.955	0.171
15	DSC00249.JPG	1160631.852	+/-0.200	5413016.102	+/-0.200	3157366.925	+/-0.200	1160599.789	5413103.680	3157378.023	-49.711
16	DSC00250.JPG	1160632.619	+/-0.200	5413015.897	+/-0.200	3157367.236	+/-0.200	1160594.563	5413107.472	3157376.356	-56.409
17	DSC00251.JPG	1160632.825	+/-0.200	5413015.978	+/-0.200	3157367.355	+/-0.200	1160568.742	5413126.663	3157366.767	-86.028
18	DSC00252.JPG	1160634.139	+/-0.200	5413021.168	+/-0.200	3157370.150	+/-0.200	1160563.669	5413130.454	3157364.844	-91.815
19	DSC00253.JPG	1160634.481	+/-0.200	5413022.558	+/-0.200	3157370.858	+/-0.200	1160538.600	5413148.807	3157355.501	-120.218
20	DSC00254.JPG	1160591.220	+/-0.200	5413055.648	+/-0.200	3157357.359	+/-0.200	1160533.759	5413152.301	3157353.604	-76.446
21	DSC00255.JPG	1160586.043	+/-0.200	5413059.753	+/-0.200	3157355.847	+/-0.200	1160517.696	5413164.617	3157348.050	-88.812
22	DSC00256.JPG	1160560.150	+/-0.200	5413080.459	+/-0.200	3157347.589	+/-0.200	1160513.137	5413168.223	3157346.390	-64.367
23	DSC00257.JPG	1160555.256	+/-0.200	5413084.448	+/-0.200	3157345.996	+/-0.200	1160502.053	5413176.733	3157342.396	-71.371
24	DSC00258.JPG	1160530.297	+/-0.200	5413104.298	+/-0.200	3157337.987	+/-0.200	1160497.784	5413180.253	3157340.899	-47.711
25	DSC00259.JPG	1160529.297	+/-0.200	5413104.302	+/-0.200	3157338.000	+/-0.200	1160497.821	5413180.253	3157340.936	-31.064

25	DSC00259.JPG	1160525.486	+/-0.200	5413108.086	+/-0.200	3157336.414	+/-0.200	1160468.941	5413202.456	3157330.988	-75.071	44.748	-67.040
26	DSC00260.JPG	1160509.323	+/-0.200	5413121.344	+/-0.200	3157331.623	+/-0.200	1160465.210	5413205.578	3157329.581	-60.790	38.177	-62.391
27	DSC00261.JPG	1160504.859	+/-0.200	5413125.169	+/-0.200	3157330.218	+/-0.200	1160465.815	5413214.192	3157326.950	-65.638	41.161	-65.126
28	DSC00262.JPG	1160493.721	+/-0.200	5413134.461	+/-0.200	3157326.926	+/-0.200	1160456.185	5413215.153	3157326.788	-53.617	35.487	-61.530
29	DSC00263.JPG	1160489.310	+/-0.200	5413138.242	+/-0.200	3157325.673	+/-0.200	1160457.804	5413214.882	3157327.709	-46.871	32.259	-60.275
30	DSC00264.JPG	1160460.545	+/-0.200	5413162.233	+/-0.200	3157317.459	+/-0.200	1160459.937	5413214.141	3157327.822	-11.475	16.221	-49.065
31	DSC00265.JPG	1160456.784	+/-0.200	5413165.584	+/-0.200	3157316.246	+/-0.200	1160491.993	5413207.659	3157329.515	25.607	12.652	-48.686
32	DSC00266.JPG	1160448.434	+/-0.200	5413174.697	+/-0.200	3157310.010	+/-0.200	1160499.368	5413206.096	3157329.965	43.221	6.766	-43.828
33	DSC00267.JPG	1160447.836	+/-0.200	5413175.720	+/-0.200	3157313.968	+/-0.200	1160540.137	5413198.753	3157333.166	85.422	4.197	-45.868
34	DSC00268.JPG	1160449.270	+/-0.200	5413175.489	+/-0.200	3157314.539	+/-0.200	1160550.297	5413196.513	3157333.983	94.376	3.917	-45.874
35	DSC00269.JPG	1160451.474	+/-0.200	5413174.725	+/-0.200	3157314.602	+/-0.200	1160557.290	5413191.290	3157336.108	117.592	2.337	-47.262
36	DSC00270.JPG	1160483.995	+/-0.200	5413166.844	+/-0.200	3157315.002	+/-0.200	1160586.034	5413189.263	3157337.071	95.073	2.427	-48.548
37	DSC00271.JPG	1160491.571	+/-0.200	5413164.995	+/-0.200	3157315.274	+/-0.200	1160610.908	5413183.966	3157338.902	112.709	1.201	-49.546
38	DSC00272.JPG	1160532.582	+/-0.200	5413156.102	+/-0.200	3157317.266	+/-0.200	1160621.439	5413181.976	3157339.494	81.459	2.595	-49.162
39	DSC00273.JPG	1160543.098	+/-0.200	5413153.572	+/-0.200	3157317.745	+/-0.200	1160663.799	5413174.305	3157343.308	113.673	0.524	-52.252
40	DSC00274.JPG	1160568.207	+/-0.200	5413147.550	+/-0.200	3157319.183	+/-0.200	1160670.894	5413217.773	3157343.927	95.118	1.539	-52.376
41	DSC00275.JPG	1160579.026	+/-0.200	5413144.911	+/-0.200	3157319.751	+/-0.200	1160688.378	5413170.023	3157345.794	101.658	1.055	-54.142
42	DSC00276.JPG	1160604.462	+/-0.200	5413138.742	+/-0.200	3157320.845	+/-0.200	1160689.184	5413169.592	3157346.138	78.978	2.211	-54.637
43	DSC00277.JPG	1160614.897	+/-0.200	5413136.221	+/-0.200	3157321.214	+/-0.200	1160696.706	5413167.232	3157347.489	73.489	0.851	-54.252
44	DSC00278.JPG	1160657.225	+/-0.200	5413126.552	+/-0.200	3157324.018	+/-0.200	1160694.500	5413165.302	3157348.866	28.323	1.208	-52.007
45	DSC00279.JPG	1160664.239	+/-0.200	5413125.014	+/-0.200	3157324.486	+/-0.200	1160684.635	5413133.300	3157412.596	18.205	-70.248	-54.606
46	DSC00280.JPG	1160681.580	+/-0.200	5413121.467	+/-0.200	3157325.890	+/-0.200	1160684.184	5413132.671	3157414.095	0.197	-70.766	-53.893
47	DSC00281.JPG	1160685.126	+/-0.200	5413120.686	+/-0.200	3157326.147	+/-0.200	1160681.949	5413132.105	3157416.275	-5.500	-72.933	-53.981
48	DSC00282.JPG	1160690.268	+/-0.200	5413118.328	+/-0.200	3157327.019	+/-0.200	1160679.842	5413132.576	3157416.318	-13.181	-71.593	-54.650
49	DSC00283.JPG	1160690.009	+/-0.200	5413117.296	+/-0.200	3157328.741	+/-0.200	1160657.150	5413137.453	3157414.894	-36.355	-68.330	-54.014
50	DSC00284.JPG	1160679.254	+/-0.200	5413081.640	+/-0.200	3157391.472	+/-0.200	1160650.201	5413138.734	3157414.198	-40.378	5.056	-54.446
51	DSC00285.JPG	1160678.729	+/-0.200	5413080.865	+/-0.200	3157393.070	+/-0.200	1160629.437	5413143.055	3157411.794	-61.236	8.895	-53.095
52	DSC00286.JPG	1160676.171	+/-0.200	5413079.893	+/-0.200	3157395.736	+/-0.200	1160618.982	5413144.879	3157410.844	-69.543	12.568	-52.229
53	DSC00287.JPG	1160673.982	+/-0.200	5413080.409	+/-0.200	3157396.063	+/-0.200	1160559.133	5413155.583	3157405.048	-128.077	16.816	-47.332
54	DSC00288.JPG	1160651.197	+/-0.200	5413086.104	+/-0.200	3157395.169	+/-0.200	1160545.234	5413158.180	3157403.723	-118.719	16.611	-46.110
55	DSC00289.JPG	1160644.146	+/-0.200	5413087.651	+/-0.200	3157394.774	+/-0.200	1160492.022	5413168.847	3157399.242	-165.766	19.776	-43.417
56	DSC00290.JPG	1160623.150	+/-0.200	5413092.780	+/-0.200	3157392.931	+/-0.200	1160483.651	5413170.349	3157398.621	-152.660	18.269	-43.246
57	DSC00291.JPG	1160612.786	+/-0.200	5413094.990	+/-0.200	3157392.120	+/-0.200	1160443.100	5413178.554	3157395.802	-183.434	19.778	-41.841
58	DSC00292.JPG	1160552.266	+/-0.200	5413107.954	+/-0.200	3157387.855	+/-0.200	1160442.816	5413178.064	3157396.104	-121.716	15.555	-43.660
59	DSC00293.JPG	1160538.448	+/-0.200	5413111.078	+/-0.200	3157387.035	+/-0.200	1160441.022	5413174.353	3157402.804	-108.526	6.962	-43.795
60	DSC00294.JPG	1160484.741	+/-0.200	5413123.845	+/-0.200	3157384.154	+/-0.200	1160440.655	5413172.183	3157406.913	-53.239	-8.084	-44.307
61	DSC00295.JPG	1160476.045	+/-0.200	5413125.748	+/-0.200	3157383.664	+/-0.200	1160437.351	5413159.664	3157435.119	-44.944	-32.148	-47.346
62	DSC00296.JPG	1160436.112	+/-0.200	5413134.892	+/-0.200	3157381.179	+/-0.200	1160436.300	5413156.391	3157442.281	-4.323	-42.501	-48.689
63	DSC00297.JPG	1160435.959	+/-0.200	5413134.705	+/-0.200	3157381.723	+/-0.200	1160433.054	5413145.977	3157465.799	-5.203	-67.727	-50.894
64	DSC00298.JPG	1160434.238	+/-0.200	5413130.749	+/-0.200	3157388.251	+/-0.200	1160432.735	5413146.253	3157465.862	-4.719	-59.915	-51.518
65	DSC00299.JPG	1160433.939	+/-0.200	5413128.390	+/-0.200	3157392.392	+/-0.200	1160497.571	5413123.367	3157407.282	16.332	-58.975	-53.713
66	DSC00300.JPG	1160430.465	+/-0.200	5413114.177	+/-0.200	3157420.275	+/-0.200	1160506.149	5413130.464	3157470.972	70.589	-28.137	-52.812
67	DSC00301.JPG	1160429.660	+/-0.200	5413110.742	+/-0.200	3157427.400	+/-0.200	1160571.347	5413116.998	3157475.772	137.228	-24.114	-55.147
68	DSC00302.JPG	1160426.439	+/-0.200	5413099.149	+/-0.200	3157450.575	+/-0.200	1160580.443	5413114.966	3157476.576	147.267	1.227	-54.353
69	DSC00303.JPG	1160426.260	+/-0.200	5413099.280	+/-0.200	3157450.895	+/-0.200	1160670.891	5413091.803	3157484.466	240.764	-7.220	-54.845
70	DSC00304.JPG	1160490.601	+/-0.200	5413083.334	+/-0.200	3157453.474	+/-0.200	1160670.892	5413091.803	3157484.466	174.510	-3.934	-55.388
71	DSC00305.JPG	1160499.197	+/-0.200	5413081.084	+/-0.200	3157453.822	+/-0.200	1160670.893	5413091.803	3157484.466	165.635	-3.434	-55.560
72	DSC00306.JPG	1160654.560	+/-0.200	5413042.060	+/-0.200	3157465.279	+/-0.200	1160670.893	5413091.803	3157484.466	98.410	-0.064	-55.648
73	DSC00307.JPG	1160573.769	+/-0.200	5413063.135	+/-0.200	3157457.224	+/-0.200	1160670.893	5413091.803	3157484.466	88.956	0.472	-55.531
74	DSC00308.JPG	1160641.131	+/-0.200	5413047.628	+/-0.200	3157460.812	+/-0.200	1160670.893	5413091.803	3157484.466	19.839	4.102	-54.647
75	DSC00309.JPG	1160647.252	+/-0.200	5413046.376	+/-0.200	3157461.269	+/-0.200	1160670.893	5413091.803	3157484.466	13.592	4.469	-54.368
76	DSC00310.JPG	1160665.169	+/-0.200	5413042.060	+/-0.200	3157462.254	+/-0.200	1160670.893	5413091.803	3157484.466	-4.832	5.554	-54.279
77	DSC00311.JPG	1160665.324	+/-0.200	5413041.875	+/-0.200	3157462.405	+/-0.200	1160670.893	5413091.803	3157484.466	-5.022	5.758	-54.333
78	DSC00312.JPG	1160663.565	+/-0.200	5413042.667	+/-0.200	3157462.377	+/-0.200	1160670.893	5413091.803	3157484.466	-3.136	5.533	-53.995
79	DSC00313.JPG	1160663.450	+/-0.200	5413042.626	+/-0.200	3157462.373	+/-0.200	1160670.893	5413091.803	3157484.466	-3.032	5.561	-54.053
80	DSC00314.JPG	1160663.673	+/-0.200	5413042.380	+/-0.200	3157462.359	+/-0.200	1160670.893	5413091.803	3157484.466	-3.302	5.646	-54.228
81	DSC00315.JPG	1160663.650	+/-0.200	5413042.478	+/-0.200	3157462.314	+/-0.200	1160670.893	5413091.803	3157484.466	-3.259	5.561	-54.171
82	DSC00316.JPG	1160663.563	+/-0.200	5413042.626	+/-0.200	3157462.241	+/-0.200	1160670.893	5413091.803	3157484.466	-3.142	5.434	-54.098

83	DSC00317.JPG	1160663.484	+/-0.200	5413042.697	+/-0.200	3157462.246	+/-0.200	1160670.893	5413091.803	3157484.466	-3.050	5.413	-54.050
84	DSC00318.JPG	1160663.382	+/-0.200	5413043.338	+/-0.200	3157462.204	+/-0.200	1160670.893	5413091.803	3157484.466	-2.817	5.075	-53.546
85	DSC00319.JPG	1160663.490	+/-0.200	5413043.256	+/-0.200	3157462.464	+/-0.200	1160670.893	5413091.803	3157484.466	-2.940	5.328	-53.466
86	DSC00320.JPG	1160663.510	+/-0.200	5413042.818	+/-0.200	3157462.447	+/-0.200	1160670.893	5413091.803	3157484.466	-3.050	5.526	-53.842
87	DSC00321.JPG	1160663.692	+/-0.200	5413042.818	+/-0.200	3157462.250	+/-0.200	1160670.893	5413091.803	3157484.466	-3.228	5.335	-53.907
88	DSC00322.JPG	1160663.856	+/-0.200	5413042.469	+/-0.200	3157462.773	+/-0.200	1160670.893	5413091.803	3157484.466	-3.462	5.942	-53.913
89	DSC00323.JPG	1160663.857	+/-0.200	5413042.419	+/-0.200	3157462.834	+/-0.200	1160670.893	5413091.803	3157484.466	-3.474	6.019	-53.925
90	DSC00324.JPG	1160663.907	+/-0.200	5413042.329	+/-0.200	3157462.676	+/-0.200	1160670.893	5413091.803	3157484.466	-3.542	5.920	-54.071
91	DSC00325.JPG	1160664.003	+/-0.200	5413042.337	+/-0.200	3157462.546	+/-0.200	1160670.893	5413091.803	3157484.466	-3.634	5.794	-54.111
92	DSC00326.JPG	1160664.231	+/-0.200	5413042.167	+/-0.200	3157462.405	+/-0.200	1160670.893	5413091.803	3157484.466	-3.892	5.730	-54.284
93	DSC00327.JPG	1160664.248	+/-0.200	5413042.071	+/-0.200	3157462.434	+/-0.200	1160670.893	5413091.803	3157484.466	-3.929	5.802	-54.347
94	DSC00328.JPG	1160664.177	+/-0.200	5413042.092	+/-0.200	3157462.567	+/-0.200	1160670.893	5413091.803	3157484.464	-3.856	5.915	-54.276
95	DSC00329.JPG	1160664.148	+/-0.200	5413042.131	+/-0.200	3157462.675	+/-0.200	1160647.215	5413097.035	3157403.789	-28.067	76.030	-14.154
96	DSC00330.JPG	1160663.958	+/-0.200	5413041.541	+/-0.200	3157462.654	+/-0.200	1160647.365	5413096.172	3157403.681	-27.678	76.008	-13.942
97	DSC00331.JPG	1160663.422	+/-0.200	5413040.211	+/-0.200	3157461.445	+/-0.200	1160648.175	5413090.553	3157402.323	-25.462	74.189	-10.476
98	DSC00332.JPG	1160657.494	+/-0.200	5413037.557	+/-0.200	3157445.636	+/-0.200	1160648.294	5413088.719	3157401.361	-19.721	62.344	-19.664
99	DSC00333.JPG	1160655.644	+/-0.200	5413038.394	+/-0.200	3157439.877	+/-0.200	1160646.455	5413079.647	3157398.008	-17.634	55.435	-12.461
100	DSC00334.JPG	1160638.420	+/-0.200	5413044.211	+/-0.200	3157382.196	+/-0.200	1160645.580	5413078.983	3157397.876	-0.289	4.079	-38.595
101	DSC00335.JPG	1160638.564	+/-0.200	5413043.448	+/-0.200	3157382.053	+/-0.200	1160644.058	5413074.701	3157394.741	-1.180	4.787	-33.818
102	DSC00336.JPG	1160639.181	+/-0.200	5413038.179	+/-0.200	3157380.429	+/-0.200	1160643.878	5413073.358	3157393.908	-2.782	5.929	-37.396
103	DSC00337.JPG	1160639.238	+/-0.200	5413036.367	+/-0.200	3157379.942	+/-0.200	1160642.187	5413067.131	3157389.542	-3.566	6.514	-31.659
104	DSC00338.JPG	1160637.137	+/-0.200	5413027.854	+/-0.200	3157375.768	+/-0.200	1160642.023	5413065.845	3157388.811	-3.187	7.696	-39.598
105	DSC00339.JPG	1160636.285	+/-0.200	5413027.283	+/-0.200	3157375.646	+/-0.200	1160641.140	5413051.943	3157381.920	-0.423	7.072	-24.916
106	DSC00340.JPG	1160634.666	+/-0.200	5413023.305	+/-0.200	3157372.502	+/-0.200	1160640.901	5413050.892	3157381.362	0.313	6.399	-28.937
107	DSC00341.JPG	1160634.380	+/-0.200	5413022.061	+/-0.200	3157371.624	+/-0.200	1160640.757	5413048.726	3157380.470	0.645	5.976	-28.174
108	DSC00342.JPG	1160632.572	+/-0.200	5413016.411	+/-0.200	3157367.121	+/-0.200	1160640.863	5413048.171	3157380.244	1.448	4.948	-34.973
109	DSC00343.JPG	1160632.362	+/-0.200	5413015.198	+/-0.200	3157366.382	+/-0.200	1160638.857	5413032.731	3157372.404	2.675	3.992	-19.047
110	DSC00344.JPG	1160630.944	+/-0.200	5413002.165	+/-0.200	3157359.951	+/-0.200	1160638.698	5413032.084	3157372.133	1.309	3.944	-33.344
111	DSC00345.JPG	1160630.663	+/-0.200	5413001.151	+/-0.200	3157358.324	+/-0.200	1160638.245	5413030.303	3157371.472	1.302	3.582	-32.644
112	DSC00346.JPG	1160630.444	+/-0.200	5412999.102	+/-0.200	3157357.358	+/-0.200	1160638.019	5413029.579	3157371.161	1.017	3.659	-34.092
113	DSC00347.JPG	1160630.519	+/-0.200	5412998.542	+/-0.200	3157357.085	+/-0.200	1160637.693	5413027.968	3157370.264	0.846	3.646	-32.818
114	DSC00348.JPG	1160627.940	+/-0.200	5412983.731	+/-0.200	3157348.541	+/-0.200	1160637.571	5413027.244	3157369.912	0.294	3.657	-49.289
115	DSC00411.JPG	1160625.039	+/-0.200	5412972.751	+/-0.200	3157342.263	+/-0.200	1160639.603	5413044.398	3157378.128	-0.781	5.300	-81.260
116	DSC00412.JPG	1160624.971	+/-0.200	5412972.815	+/-0.200	3157342.218	+/-0.200	1160639.727	5413045.837	3157378.668	-0.881	5.482	-82.751
117	DSC00413.JPG	1160624.966	+/-0.200	5412972.820	+/-0.200	3157342.204	+/-0.200	1160640.279	5413050.401	3157380.935	-1.292	5.766	-87.863
118	DSC00414.JPG	1160624.958	+/-0.200	5412972.814	+/-0.200	3157342.183	+/-0.200	1160640.549	5413051.965	3157381.779	-1.350	5.825	-89.666
119	DSC00415.JPG	1160624.953	+/-0.200	5412972.819	+/-0.200	3157342.177	+/-0.200	1160641.837	5413059.760	3157385.867	-1.718	6.203	-98.546
120	DSC00416.JPG	1160628.788	+/-0.200	5412996.035	+/-0.200	3157354.958	+/-0.200	1160642.182	5413061.482	3157386.700	-0.624	5.735	-73.735
121	DSC00417.JPG	1160628.965	+/-0.200	5412997.391	+/-0.200	3157355.569	+/-0.200	1160642.395	5413065.700	3157388.205	-1.190	6.357	-76.615
122	DSC00418.JPG	1160629.701	+/-0.200	5413001.703	+/-0.200	3157358.046	+/-0.200	1160642.407	5413065.742	3157388.301	-1.003	6.268	-71.676
123	DSC00419.JPG	1160630.019	+/-0.200	5413003.156	+/-0.200	3157358.933	+/-0.200	1160643.798	5413073.013	3157393.045	-1.173	5.866	-78.725
124	DSC00420.JPG	1160631.586	+/-0.200	5413010.406	+/-0.200	3157363.330	+/-0.200	1160643.427	5413073.696	3157393.126	-1.691	6.209	-70.655
125	DSC00423.JPG	1160632.399	+/-0.200	5413015.938	+/-0.200	3157365.997	+/-0.200	1160594.700	5413117.210	3157366.445	-58.090	44.973	-79.248
126	DSC00424.JPG	1160634.130	+/-0.200	5413022.565	+/-0.200	3157370.990	+/-0.200	1160590.769	5413120.927	3157364.341	-63.020	49.129	-72.211
127	DSC00425.JPG	1160633.971	+/-0.200	5413023.171	+/-0.200	3157371.149	+/-0.200	1160564.526	5413146.394	3157349.394	-93.735	71.610	-81.028
128	DSC00426.JPG	1160628.481	+/-0.200	5413027.949	+/-0.200	3157367.766	+/-0.200	1160560.653	5413150.263	3157347.168	-91.964	70.332	-81.127
129	DSC00427.JPG	1160625.581	+/-0.200	5413030.688	+/-0.200	3157366.378	+/-0.200	1160529.935	5413180.620	3157330.199	-124.954	94.387	-91.730
130	DSC00428.JPG	1160586.140	+/-0.200	5413070.049	+/-0.200	3157346.628	+/-0.200	1160526.593	5413120.252	3157339.348	-33.725	28.235	-59.332
131	DSC00429.JPG	1160582.251	+/-0.200	5413074.066	+/-0.200	3157344.677	+/-0.200	1160505.102	5413205.983	3157317.133	-103.089	80.059	-84.118
132	DSC00430.JPG	1160556.188	+/-0.200	5413101.424	+/-0.200	3157331.339	+/-0.200	1160503.728	5413207.713	3157316.387	-73.576	59.238	-73.145
133	DSC00431.JPG	1160552.356	+/-0.200	5413105.586	+/-0.200	3157329.346	+/-0.200	1160502.648	5413209.463	3157317.721	-70.379	55.466	-73.257
134	DSC00432.JPG	1160521.836	+/-0.200	5413138.125	+/-0.200	3157314.292	+/-0.200	1160502.593	5413209.252	3157319.348	-33.725	28.235	-59.332
135	DSC00433.JPG	1160518.841	+/-0.200	5413141.359	+/-0.200	3157312.854	+/-0.200	1160484.785	5413153.394	3157431.474	-35.823	-100.566	-63.077
136	DSC00434.JPG	1160497.215	+/-0.200	5413165.238	+/-0.200	3157302.965	+/-0.200	1160483.761	5413149.838	3157439.705	-9.926	-127.486	-52.581
137	DSC00435.JPG	1160495.855	+/-0.200	5413167.041	+/-0.200	3157302.326	+/-0.200	1160478.072	5413132.300	3157480.819	-10.105	-173.564	-56.183
138	DSC00436.JPG	1160494.964	+/-0.200	5413168.659	+/-0.200	3157302.623	+/-0.200	1160478.081	5413132.145	3157481.399	-8.854	-174.578	-54.983
139	DSC00437.JPG	1160494.439	+/-0.200	5413168.174	+/-0.200	3157303.848	+/-0.200	1160478.852	5413131.599	3157482.081	-7.574	-174.002	-54.897
140	DSC00438.JPG	1160478.647	+/-0.200	5413107.434	+/-0.200	3157415.973	+/-0.200	1160480.648	5413131.271	3157482.068	-3.040	-45.504	-53.488

141	DSC00439.JPG	1160477.478	+/-0.200	5413103.214	+/-0.200	3157424.305	+/-0.200	1160488.362	5413130.483	3157481.901	4.926	-35.536	-53.780
142	DSC00440.JPG	1160471.885	+/-0.200	5413083.924	+/-0.200	3157464.881	+/-0.200	1160492.860	5413129.982	3157481.911	10.854	9.846	-51.347
143	DSC00441.JPG	1160471.725	+/-0.200	5413083.615	+/-0.200	3157465.729	+/-0.200	1160522.965	5413124.054	3157481.956	41.625	10.965	-51.685
144	DSC00442.JPG	1160472.112	+/-0.200	5413083.342	+/-0.200	3157466.321	+/-0.200	1160530.812	5413122.897	3157482.156	49.104	11.653	-52.096
145	DSC00443.JPG	1160473.761	+/-0.200	5413083.005	+/-0.200	3157466.533	+/-0.200	1160558.146	5413118.653	3157483.012	75.037	11.874	-53.773
146	DSC00444.JPG	1160481.727	+/-0.200	5413081.947	+/-0.200	3157466.386	+/-0.200	1160558.026	5413118.592	3157483.080	66.922	11.329	-53.256
147	DSC00445.JPG	1160486.064	+/-0.200	5413081.165	+/-0.200	3157466.283	+/-0.200	1160558.704	5413124.119	3157473.910	62.021	21.881	-53.425
148	DSC00446.JPG	1160516.152	+/-0.200	5413074.543	+/-0.200	3157465.511	+/-0.200	1160559.297	5413126.181	3157469.231	31.361	26.420	-53.482
149	DSC00447.JPG	1160523.886	+/-0.200	5413073.166	+/-0.200	3157465.564	+/-0.200	1160567.030	5413153.181	3157413.264	25.411	88.815	-49.649
150	DSC00448.JPG	1160551.408	+/-0.200	5413068.082	+/-0.200	3157465.852	+/-0.200	1160568.649	5413158.645	3157402.109	-2.127	101.171	-48.186
151	DSC00449.JPG	1160551.333	+/-0.200	5413068.054	+/-0.200	3157465.900	+/-0.200	1160575.127	5413179.642	3157359.266	-0.128	149.287	-45.849
152	DSC00450.JPG	1160552.252	+/-0.200	5413072.955	+/-0.200	3157465.750	+/-0.200	1160576.426	5413183.170	3157352.021	0.532	147.006	-45.702
153	DSC00451.JPG	1160552.741	+/-0.200	5413075.356	+/-0.200	3157452.289	+/-0.200	1160579.551	5413194.826	3157329.633	1.169	167.335	-45.102
154	DSC00452.JPG	1160560.514	+/-0.200	5413105.106	+/-0.200	3157397.473	+/-0.200	1160579.477	5413196.391	3157326.823	-0.595	107.691	-45.673
155	DSC00453.JPG	1160562.138	+/-0.200	5413111.036	+/-0.200	3157386.536	+/-0.200	1160580.167	5413198.345	3157323.701	-0.674	98.708	-46.123
156	DSC00454.JPG	1160568.682	+/-0.200	5413134.500	+/-0.200	3157343.926	+/-0.200	1160580.214	5413198.185	3157323.207	-2.076	50.177	-45.782
157	DSC00455.JPG	1160569.767	+/-0.200	5413138.416	+/-0.200	3157336.787	+/-0.200	1160581.727	5413196.436	3157323.260	-0.470	41.226	-44.637
158	DSC00457.JPG	1160573.043	+/-0.200	5413152.640	+/-0.200	3157312.017	+/-0.200	1160627.551	5413189.663	3157325.387	45.536	12.118	-47.960
159	DSC00458.JPG	1160573.856	+/-0.200	5413154.734	+/-0.200	3157308.844	+/-0.200	1160634.955	5413188.837	3157326.067	52.592	8.044	-48.601
160	DSC00459.JPG	1160573.833	+/-0.200	5413154.539	+/-0.200	3157308.358	+/-0.200	1160647.894	5413186.764	3157326.898	65.659	7.341	-50.021
161	DSC00460.JPG	1160575.337	+/-0.200	5413154.196	+/-0.200	3157308.135	+/-0.200	1160651.569	5413186.311	3157327.056	67.806	7.184	-50.513
162	DSC00461.JPG	1160577.602	+/-0.200	5413153.891	+/-0.200	3157308.212	+/-0.200	1160654.419	5413177.034	3157342.473	70.258	-10.426	-50.649
163	DSC00462.JPG	1160621.111	+/-0.200	5413145.069	+/-0.200	3157309.285	+/-0.200	1160653.876	5413174.248	3157348.084	25.921	-16.021	-0.018
164	DSC00463.JPG	1160628.611	+/-0.200	5413143.922	+/-0.200	3157309.763	+/-0.200	1160637.339	5413135.482	3157462.167	14.496	-15.103	-53.355
165	DSC00464.JPG	1160641.394	+/-0.200	5413141.420	+/-0.200	3157310.287	+/-0.200	1160636.446	5413112.625	3157468.038	1.199	-151.340	-53.231
166	DSC00465.JPG	1160645.151	+/-0.200	5413140.685	+/-0.200	3157310.335	+/-0.200	1160633.823	5413105.096	3157483.916	-3.615	-169.042	-54.191
167	DSC00466.JPG	1160649.841	+/-0.200	5413131.262	+/-0.200	3157326.017	+/-0.200	1160633.797	5413104.660	3157485.117	-10.110	-152.601	-53.746
168	DSC00467.JPG	1160649.336	+/-0.200	5413128.380	+/-0.200	3157331.360	+/-0.200	1160633.776	5413104.734	3157485.623	-10.256	-146.916	-53.931
169	DSC00468.JPG	1160633.223	+/-0.200	5413064.277	+/-0.200	3157444.332	+/-0.200	1160633.770	5413104.739	3157485.683	-7.948	-16.112	-55.004
170	DSC00469.JPG	1160632.346	+/-0.200	5413061.241	+/-0.200	3157449.997	+/-0.200	1160633.840	5413104.660	3157485.449	-7.642	-9.449	-54.741
171	DSC00470.JPG	1160629.834	+/-0.200	5413053.130	+/-0.200	3157465.369	+/-0.200	1160633.656	5413103.818	3157485.159	-6.889	7.916	-53.530
172	DSC00471.JPG	1160629.752	+/-0.200	5413052.574	+/-0.200	3157466.470	+/-0.200	1160641.737	5413103.679	3157445.361	1.004	44.438	-35.002
173	DSC00472.JPG	1160629.795	+/-0.200	5413052.628	+/-0.200	3157467.310	+/-0.200	1160643.891	5413104.824	3157437.387	2.840	52.833	-31.921
174	DSC00473.JPG	1160629.758	+/-0.200	5413052.601	+/-0.200	3157467.323	+/-0.200	1160650.678	5413104.119	3157408.700	9.654	78.105	-18.297
175	DSC00474.JPG	1160629.797	+/-0.200	5413052.549	+/-0.200	3157467.347	+/-0.200	1160649.730	5413103.711	3157407.738	7.864	78.684	-17.323
176	DSC00475.JPG	1160629.659	+/-0.200	5413051.787	+/-0.200	3157466.772	+/-0.200	1160647.599	5413097.803	3157403.929	8.050	78.792	-11.017
177	DSC00476.JPG	1160637.056	+/-0.200	5413053.322	+/-0.200	3157462.964	+/-0.200	1160647.657	5413096.076	3157403.189	1.402	42.539	-26.343
178	DSC00477.JPG	1160639.162	+/-0.200	5413054.794	+/-0.200	3157419.070	+/-0.200	1160647.149	5413092.281	3157401.481	-0.049	34.338	-24.481
179	DSC00478.JPG	1160642.755	+/-0.200	5413052.916	+/-0.200	3157389.970	+/-0.200	1160647.088	5413091.270	3157401.192	-3.805	9.394	-38.897
180	DSC00479.JPG	1160641.801	+/-0.200	5413052.599	+/-0.200	3157389.122	+/-0.200	1160645.734	5413083.152	3157397.535	-2.560	7.992	-30.815
181	DSC00480.JPG	1160639.574	+/-0.200	5413046.664	+/-0.200	3157385.370	+/-0.200	1160645.383	5413082.443	3157397.064	-1.821	7.885	-37.217
182	DSC00481.JPG	1160639.405	+/-0.200	5413045.083	+/-0.200	3157384.560	+/-0.200	1160644.736	5413076.675	3157394.221	-1.409	7.559	-32.568
183	DSC00482.JPG	1160638.798	+/-0.200	5413041.491	+/-0.200	3157382.771	+/-0.200	1160644.464	5413075.506	3157393.556	-1.591	7.799	-35.243
184	DSC00483.JPG	1160638.715	+/-0.200	5413040.547	+/-0.200	3157382.434	+/-0.200	1160643.845	5413071.147	3157391.111	-1.399	7.909	-31.200
185	DSC00484.JPG	1160637.119	+/-0.200	5413032.986	+/-0.200	3157378.598	+/-0.200	1160643.688	5413069.703	3157390.356	-1.274	8.366	-38.182
186	DSC00485.JPG	1160636.804	+/-0.200	5413032.281	+/-0.200	3157378.157	+/-0.200	1160642.484	5413058.043	3157385.054	0.152	7.154	-26.312
187	DSC00486.JPG	1160635.969	+/-0.200	5413026.892	+/-0.200	3157375.193	+/-0.200	1160642.156	5413056.728	3157384.445	-0.206	7.149	-31.032
188	DSC00487.JPG	1160635.671	+/-0.200	5413025.825	+/-0.200	3157374.502	+/-0.200	1160641.948	5413052.926	3157382.364	0.065	6.990	-27.964
189	DSC00488.JPG	1160634.911	+/-0.200	5413021.781	+/-0.200	3157371.944	+/-0.200	1160641.444	5413051.692	3157381.768	0.117	6.726	-31.443
190	DSC00489.JPG	1160634.711	+/-0.200	5413020.437	+/-0.200	3157371.158	+/-0.200	1160641.255	5413048.865	3157380.659	0.439	6.284	-30.025
191	DSC00490.JPG	1160633.122	+/-0.200	5413009.629	+/-0.200	3157365.468	+/-0.200	1160640.903	5413048.053	3157380.163	-0.447	6.776	-41.313
192	DSC00491.JPG	1160632.756	+/-0.200	5413008.391	+/-0.200	3157364.818	+/-0.200	1160640.329	5413046.084	3157379.139	-0.498	6.723	-40.470
193	DSC00492.JPG	1160632.018	+/-0.200	5413004.833	+/-0.200	3157362.518	+/-0.200	1160640.272	5413045.042	3157378.593	-0.359	6.584	-33.551
194	DSC00493.JPG	1160631.878	+/-0.200	5413003.681	+/-0.200	3157361.979	+/-0.200	1160639.813	5413043.821	3157377.682	-0.657	6.514	-43.436
195	DSC00494.JPG	1160631.581	+/-0.200	5413001.004	+/-0.200	3157360.757	+/-0.200	1160639.895	5413043.362	3157377.683	-0.751	6.810	-45.858
196	DSC00495.JPG	1160631.218	+/-0.200	5413000.281	+/-0.200	3157360.251	+/-0.200	1160639.603	5413039.079	3157375.952	0.064	6.148	-42.241
197	DSC00496.JPG	1160630.593	+/-0.200	5412998.421	+/-0.200	3157359.155	+/-0.200	1160639.559	5413038.353	3157375.620	0.395	6.099	-43.689
198	DSC00497.JPG	1160630.490	+/-0.200	5412997.439	+/-0.200	3157358.559	+/-0.200	1160639.111	5413033.874	3157373.451	0.791	5.725	-39.877

199	DSC00498.JPG	1160630.001	+/-0.200	5412996.305	+/-0.200	3157357.905	+/-0.200	1160639.043	5413033.257	3157373.141	1.094	5.721	-40.564
200	DSC00499.JPG	1160630.065	+/-0.200	5412995.870	+/-0.200	3157357.627	+/-0.200	1160638.740	5413029.928	3157371.718	1.341	5.267	-37.473
201	DSC00500.JPG	1160629.631	+/-0.200	5412991.767	+/-0.200	3157355.694	+/-0.200	1160638.606	5413029.274	3157371.364	0.912	5.609	-41.238
202	DSC00501.JPG	1160629.558	+/-0.200	5412991.073	+/-0.200	3157355.328	+/-0.200	1160637.719	5413026.183	3157369.698	0.619	5.484	-38.410
203	DSC00502.JPG	1160628.984	+/-0.200	5412986.755	+/-0.200	3157352.997	+/-0.200	1160637.590	5413025.485	3157369.331	0.295	5.590	-42.539
204	DSC00233.JPG	1160625.073	+/-0.200	5412973.115	+/-0.200	3157341.976	+/-0.200	1160637.479	5413022.015	3157367.530	1.878	2.942	-56.445

Accuracy is color coded as described in [legend](#) below.

Accuracy of geo-location of cameras and ground and test control points is color coded as follows:

- **green/blue** if the total deviation is smaller than the expected prior accuracy,
- **yellow** if the total deviation is 1.0 times greater than the prior accuracy,
- **orange** if the total deviation is 1.5 times greater than the prior accuracy,
- **red** if the total deviation is 2.0 times greater than the prior accuracy,

### Relative Camera Position Uncertainty



*Ellipses represent relative camera position uncertainties. Blue points in the middle of the ellipses represent estimated camera positions. Color of the ellipses correspond to relative camera position in Z direction. The uncertainty ellipses are 3000x magnified.*

Statistics of relative camera position uncertainty in X,Y,Z direction.

	X[m]	Y[m]	Z[m]
Mean	0.000	0.000	0.000
Std	0.000	0.000	0.000
Max	0.002	0.002	0.002
Min	0.000	0.000	0.000