

Point Cloud Registration Quality Report

Hoerfroegade

2013-03-01

Produced by: John Doe

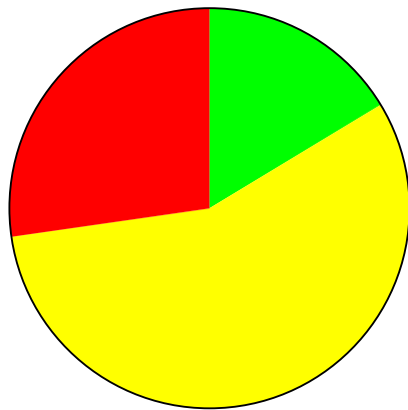
For: Jane Doe

Scanner Serial Number: LLS0123456789

Scanner Model: FARO Focus 3D S 120

Summary

Quality of scans



■ High; 9 (16.4%)
■ Medium; 31 (56.4%)
■ Low; 15 (27.3%)

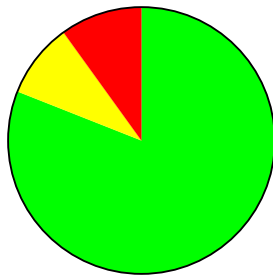
Reasons for decreased quality:

- Point drift (76.1%)
- Num quadrants occupied (34.8%)
- Num distinct references (32.6%)
- Contains broken references (21.7%)
- Scan is manually placed (19.6%)
- Point distance (4.3%)
- Orthogonal mismatch (2.2%)

Project average point distance error

3.9 mm

Quality of references

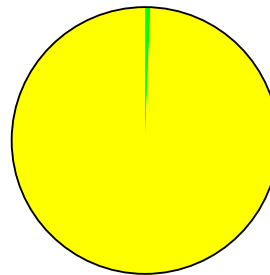


■ High (81.0%)
■ Medium (9.1%)
■ Low (9.9%)

Reasons for decreased quality:

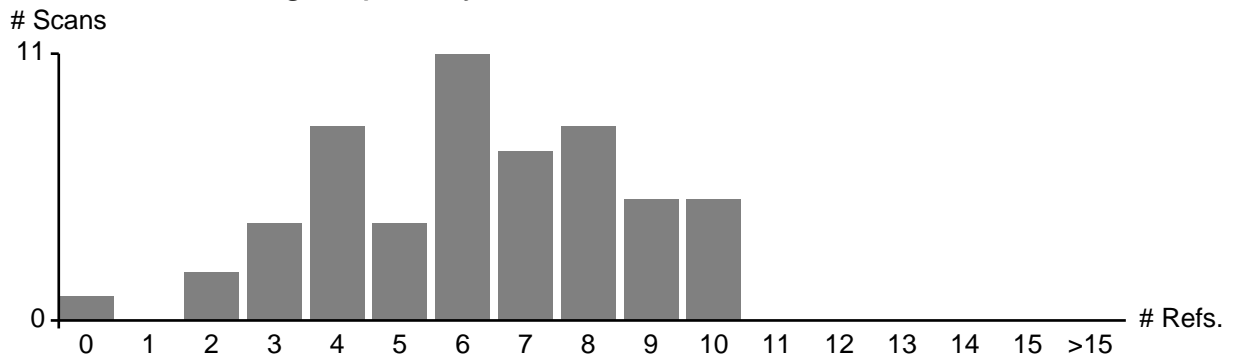
- Broken reference (47.7%)
- Low point num. (36.9%)
- Dist. tension (18.5%)
- Long. tension (13.8%)
- Orth. tension (6.2%)

References used for fitting



■ Surveyed (0.6%)
■ Derived (99.4%)

Scans grouped by number of references used



Total number of scans:	55
Total number of references:	102 (2 surveyed and 100 derived)
Based on workspace:	Hoerfroegade.fws (2013-03-01 14:50:48)

Quality intervals











































Quality thresholds based on template:












FARO Normal

Name		High threshold		Low threshold
Quality of scans				
Point distance quality [mm]		10		20
Point drift quality [mm]	High	1	Medium	5
Longitudinal mismatch quality [mm]		10		20
Orthogonal mismatch quality [mm]		10		20
Inclinometer mismatch quality [deg]		1		5
Quality of references				
Num points quality		80		20
Distance mismatch quality [mm]		10		20
Longitudinal mismatch quality [mm]		10		20
Orthogonal mismatch quality [mm]		10		20

High > [High threshold] >= Medium >= [Low threshold] > Low

Scans

Name	Pt. dist	Refs.	Inclin.	X	Y	Z
 Osth000	4.41	6	YES	30.293	2.070	2.794
 Osth001	5.01	10	YES	20.143	0.973	2.743
 Osth003	3.14	6	YES	15.041	0.755	2.855
 Osth004	3.34	8	YES	4.493	0.705	2.748
 Osth005	2.33	4	YES	19.456	-4.337	2.952
 Osth006	3.81	3	YES	1.957	0.155	2.613
 Osth007	4.66	4	YES	3.894	5.719	2.759
 Osth008	3.98	6	YES	3.348	8.324	2.527
 Osth009	3.22	8	YES	3.123	12.848	2.811
 Osth010	3.01	8	YES	12.703	19.523	2.888
 Osth011	6.31	9	YES	27.105	21.442	2.818
 Osth012	4.96	7	YES	39.137	23.266	2.859
 Osth013	3.54	4	YES	39.273	26.310	2.877
 Osth015	5.31	8	YES	34.057	10.404	2.808
 Osth016	6.50	10	YES	20.089	9.109	2.858
 Osth017	0.13	4	YES	1.539	7.985	2.735
 Osth018	1.07	6	YES	1.191	5.015	2.963
 Osth020	1.51	6	YES	5.614	6.315	2.721
 Osth021	0.50	5	YES	6.143	4.498	2.718
 Osth022	0.00	0	YES	1.542	2.002	2.678
 Osth023	23.45	6	YES	1.612	-1.775	2.649
 Osth024	3.90	7	YES	4.228	10.677	6.926
 Osth025	3.31	6	YES	4.165	19.207	6.617
 Osth026	3.24	10	YES	19.161	20.679	6.895
 Osth027	3.51	5	YES	16.708	24.247	6.970
 Osth028	2.37	4	YES	2.272	7.436	6.933
 Osth029	3.14	7	YES	36.197	25.369	6.963
 Osth030	0.66	3	YES	40.654	23.503	6.950
 Osth031	1.06	2	YES	42.764	25.253	6.759
 Osth032	3.53	4	YES	38.754	26.366	7.011
 Osth034	3.30	8	YES	19.416	9.290	6.958
 Osth035	2.66	8	YES	19.764	0.880	6.963
 Osth036	1.55	4	YES	19.371	-4.673	6.492
 Osth037	2.92	7	YES	11.687	7.702	6.647
 Osth038	2.70	8	YES	8.460	-0.081	6.529
 Osth039	2.35	4	YES	0.782	-0.085	6.717
 Osth040	2.60	6	YES	7.831	5.353	6.716
 Osth041	3.06	10	YES	6.624	9.745	10.181
 Osth042	1.63	3	YES	2.090	4.304	9.793
 Osth043	2.86	3	YES	2.263	8.169	9.769
 Osth044	2.99	7	YES	6.165	19.675	9.700
 Osth045	5.32	8	YES	18.468	20.497	9.743
 Osth046	9.29	10	YES	33.429	14.939	9.821
 Osth047	11.45	2	YES	42.205	26.071	9.740

Name	Pt. dist	Refs.	Inclin.	X	Y	Z
 Osth048	4.61	9	YES	19.234	10.618	10.004
 Osth049	3.29	6	YES	23.084	1.477	12.673
 Osth050	3.48	6	YES	16.050	14.669	14.309
 Osth052	2.64	5	YES	-2.408	11.019	2.431
 Osth053	3.65	5	YES	-12.117	-0.876	2.155
 Osth054	3.87	7	YES	-12.715	27.120	2.468
 Osth056	3.49	7	YES	3.901	30.543	1.950
 Osth057	5.08	9	YES	20.226	33.910	2.244
 Osth058	4.45	9	YES	35.577	36.754	2.397
 Osth059	4.72	9	YES	49.863	29.976	2.241
 Osth060	4.44	6	YES	49.207	12.648	2.003

References

Name	Type	Size	X	Y	Z
00	Sphere	72.5	20.063	-1.422	2.569
05	Sphere	100.0	11.408	1.109	1.351
08	Sphere	72.5	19.107	9.446	1.969
09	Sphere	72.5	23.361	5.023	2.656
FixSphere2	Sphere	72.5	35.877	4.931	3.169
Osth000	Sphere	72.5	30.293	2.070	2.791
Osth001	Sphere	72.5	20.144	0.974	2.741
Osth003	Sphere	100.0	15.038	0.755	2.853
Osth004	Sphere	72.5	4.495	0.704	2.747
Osth009	Sphere	72.5	3.122	12.851	2.811
Osth010	Sphere	72.5	12.704	19.523	2.886
Osth011	Sphere	72.5	27.105	21.443	2.816
Osth012	Sphere	72.5	39.136	23.273	2.859
Osth013	Sphere	72.5	39.273	26.310	2.877
Osth015	Sphere	72.5	34.057	10.404	2.808
Osth016	Sphere	72.5	20.089	9.113	2.853
Osth024	Sphere	72.5	4.228	10.677	6.925
Osth025	Sphere	72.5	4.165	19.207	6.615
Osth026	Sphere	72.5	19.161	20.679	6.894
Osth028	Sphere	72.5	2.272	7.436	6.933
Osth029	Sphere	72.5	36.197	25.369	6.963
Osth030	Sphere	72.5	40.654	23.503	6.950
Osth031	Sphere	72.5	42.764	25.253	6.759
Osth034	Sphere	72.5	19.416	9.290	6.957
Osth035	Sphere	72.5	19.764	0.880	6.962
Osth036	Sphere	72.5	19.371	-4.673	6.491
Osth038	Sphere	72.5	8.460	-0.081	6.529
Osth039	Sphere	72.5	0.782	-0.085	6.716
Osth041	Sphere	72.5	6.624	9.745	10.180
Osth042	Sphere	72.5	2.090	4.305	9.793
Osth044	Sphere	72.5	6.165	19.675	9.699
Osth045	Sphere	72.5	18.468	20.497	9.739
Osth046	Sphere	72.5	33.429	14.939	9.814
Osth047	Sphere	72.5	42.205	26.071	9.734
Osth048	Sphere	72.5	19.234	10.618	10.003
Osth049	Sphere	72.5	23.084	1.477	12.672
Osth050	Sphere	72.5	16.050	14.669	14.308
Osth052	Sphere	72.5	-2.408	11.019	2.430
Osth053	Sphere	72.5	-12.117	-0.876	2.156
Osth054	Sphere	72.5	-12.715	27.120	2.466
Osth056	Sphere	72.5	3.900	30.543	1.948
Osth057	Sphere	72.5	20.226	33.910	2.242
Osth058	Sphere	72.5	35.577	36.754	2.394
Osth059	Sphere	72.5	49.863	29.976	2.238

Name	Type	Size	X	Y	Z
<i>Osth060</i>	<i>Sphere</i>	72.5	49.207	12.648	2.000
<i>Sphere</i>	<i>Sphere</i>	72.5	18.137	2.841	2.915
<i>Sphere10</i>	<i>Sphere</i>	172.5	26.938	20.796	5.469
<i>Sphere11</i>	<i>Sphere</i>	72.5	4.825	6.982	9.636
<i>Sphere12</i>	<i>Sphere</i>	100.0	-1.578	18.252	6.877
<i>Sphere13</i>	<i>Sphere</i>	72.5	18.012	1.788	2.799
<i>Sphere14</i>	<i>Sphere</i>	72.5	39.705	14.737	2.426
<i>Sphere15</i>	<i>Sphere</i>	72.5	15.302	12.751	5.445
<i>Sphere17</i>	<i>Sphere</i>	100.0	4.964	-1.642	1.367
<i>Sphere18</i>	<i>Sphere</i>	72.5	0.329	14.303	8.709
<i>Sphere19</i>	<i>Sphere</i>	172.5	7.134	6.550	6.251
<i>Sphere20</i>	<i>Sphere</i>	72.5	21.325	4.141	7.014
<i>Sphere21</i>	<i>Sphere</i>	72.5	3.824	8.850	3.273
<i>Sphere21@Osth026</i>	<i>Sphere</i>	72.5	32.092	14.107	5.476
<i>Sphere22</i>	<i>Sphere</i>	100.0	18.122	25.535	2.855
<i>Sphere23</i>	<i>Sphere</i>	72.5	2.463	17.151	2.872
<i>Sphere24</i>		-	30.691	5.453	5.456
<i>Sphere26</i>	<i>Sphere</i>	72.5	9.502	16.952	5.708
<i>Sphere28</i>	<i>Sphere</i>	72.5	40.005	26.540	7.557
<i>Sphere31</i>	<i>Sphere</i>	72.5	8.861	-0.419	7.240
<i>Sphere32</i>	<i>Sphere</i>	72.5	9.765	8.775	2.251
<i>Sphere32@Osth029</i>	<i>Sphere</i>	72.5	36.834	27.243	6.545
<i>Sphere33</i>	<i>Sphere</i>	72.5	1.345	7.576	7.075
<i>Sphere34</i>	<i>Sphere</i>	72.5	4.381	-0.661	5.502
<i>Sphere37</i>	<i>Sphere</i>	72.5	8.482	2.557	6.806
<i>Sphere38</i>	<i>Sphere</i>	100.0	31.100	5.291	2.639
<i>Sphere4</i>	<i>Sphere</i>	100.0	22.689	17.550	5.451
<i>Sphere40</i>	<i>Sphere</i>	72.5	-0.589	7.377	9.166
<i>Sphere41</i>	<i>Sphere</i>	72.5	9.471	17.575	9.706
<i>Sphere42</i>	<i>Sphere</i>	72.5	16.229	6.192	8.691
<i>Sphere43</i>	<i>Sphere</i>	100.0	20.269	16.432	8.697
<i>Sphere44</i>	<i>Sphere</i>	172.5	9.734	0.402	10.419
<i>Sphere45</i>	<i>Sphere</i>	72.5	21.280	8.297	9.580
<i>Sphere46</i>	<i>Sphere</i>	72.5	25.945	18.889	9.640
<i>Sphere47</i>	<i>Sphere</i>	72.5	38.499	11.635	9.450
<i>Sphere48</i>	<i>Sphere</i>	72.5	36.787	27.265	9.768
<i>Sphere50</i>	<i>Sphere</i>	172.5	29.317	1.967	10.293
<i>Sphere51</i>	<i>Sphere</i>	100.0	40.883	16.737	13.357
<i>Sphere52</i>	<i>Sphere</i>	100.0	-0.401	-0.263	10.105
<i>Sphere53</i>	<i>Sphere</i>	72.5	-1.076	8.979	2.499
<i>Sphere54</i>	<i>Sphere</i>	72.5	-14.146	12.049	1.080
<i>Sphere55</i>	<i>Sphere</i>	72.5	-0.831	37.799	3.116
<i>Sphere56</i>	<i>Sphere</i>	72.5	-0.474	26.597	0.850
<i>Sphere57</i>	<i>Sphere</i>	72.5	15.103	39.059	2.997
<i>Sphere58</i>	<i>Sphere</i>	72.5	16.202	25.823	2.255
<i>Sphere59</i>	<i>Sphere</i>	72.5	30.884	35.194	0.906
<i>Sphere6</i>	<i>Sphere</i>	72.5	33.050	15.352	1.354

Name	Type	Size	X	Y	Z
<i>Sphere60</i>	<i>Sphere</i>	72.5	28.203	43.481	3.385
<i>Sphere61</i>	<i>Sphere</i>	72.5	44.968	27.225	1.009
<i>Sphere62</i>	<i>Sphere</i>	72.5	52.652	31.407	0.855
<i>Sphere63</i>	<i>Sphere</i>	72.5	40.847	16.469	2.314
<i>Sphere9</i>	<i>Sphere</i>	72.5	15.000	6.649	5.457

Report

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth000							
00	20.063	-1.421	2.568	-0.4	0.6	-0.8	4.0
FixSphere2	35.876	4.932	3.172	-1.0	0.8	2.7	8.6
Osth000	30.293	2.070	2.794	0.3	0.2	2.9	4.4
Osth001	20.143	0.973	2.743	-0.8	-0.3	2.1	2.5
Osth003	15.041	0.755	2.855	2.9	0.6	1.6	4.2
Sphere	18.138	2.840	2.915	0.5	-0.6	0.2	2.7
Osth001							
00	20.065	-1.426	2.572	1.7	-4.1	2.9	7.7
05	11.408	1.107	1.355	-0.4	-2.3	4.1	5.7
08	19.106	9.446	1.971	-1.1	-0.5	1.4	3.5
FixSphere2	35.872	4.930	3.162	-5.1	-1.5	-6.9	8.6
Osth000	30.292	2.070	2.788	-0.3	-0.2	-2.9	4.4
Osth001	20.143	0.973	2.743	-0.8	-0.3	2.1	1.4
Osth003	15.033	0.753	2.855	-4.9	-1.5	1.7	2.9
Sphere	18.134	2.839	2.914	-2.5	-2.0	-1.4	3.8
Sphere13	18.008	1.786	2.800	-4.2	-1.8	1.1	4.9
Sphere17	4.964	-1.645	1.372	0.3	-2.8	4.9	7.1
Osth003							
05	11.412	1.110	1.351	3.6	0.3	-0.1	2.4
Osth001	20.150	0.976	2.742	6.1	2.7	1.0	1.9
Osth003	15.041	0.755	2.855	2.9	0.6	1.6	1.8
Osth004	4.497	0.701	2.747	2.6	-2.9	0.1	3.9
Sphere13	18.018	1.791	2.801	6.4	3.4	2.1	4.3
Sphere17	4.968	-1.643	1.365	4.7	-1.0	-1.8	4.6
Osth004							
05	11.405	1.111	1.347	-3.2	2.0	-4.1	3.1
Osth001	20.142	0.971	2.735	-2.0	-3.0	-5.7	3.9
Osth004	4.493	0.705	2.748	-1.2	1.7	0.7	0.8
[Sphere12]	-	-	-	-	-	-	-
Sphere13	18.012	1.786	2.795	-0.1	-2.1	-4.3	2.6
Sphere17	4.959	-1.638	1.364	-5.0	3.8	-3.1	2.5
Sphere21	3.825	8.852	3.273	0.8	1.3	-0.0	3.5
Sphere23	2.466	17.148	2.874	2.4	-3.3	1.4	4.6
Osth005							
08	19.106	9.443	1.972	-1.3	-3.3	2.6	4.0
Osth001	20.142	0.974	2.741	-2.4	0.8	0.5	0.0
Sphere	18.137	2.840	2.916	0.0	-1.0	0.5	3.8
Sphere13	18.010	1.788	2.800	-2.0	0.4	1.1	1.5

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth006							
<i>[FixSphere1]</i>	-	-	-	-	-	-	-
<i>Sphere10</i>	11.403	1.110	1.353	-15535.219686.34116.15.6			
<i>Sphere11</i>	4.495	0.704	2.754	-329.4 -6278.4-6882.40.0			
Osth007							
<i>Sphere15</i>	4.495	0.704	2.754	-10807.212047.82691.70.0			
<i>[Sphere16]</i>	-	-	-	-	-	-	-
<i>Sphere18</i>	3.825	8.854	3.277	3496.6 -5448.3-5431.77.0			
<i>Sphere19</i>	4.961	-1.637	1.372	-2173.4-8187.5-4878.23.9			
Osth008							
<i>Osth004</i>	4.495	0.704	2.754	0.6 -0.1 6.4 0.0			
<i>Sphere17</i>	4.961	-1.637	1.372	-2.8 5.4 4.7 4.4			
<i>Sphere21</i>	3.829	8.852	3.284	4.8 2.0 10.1 5.6			
<i>Sphere22</i>	18.114	25.534	2.866	-8.2 -1.0 10.4 6.8			
<i>Sphere23</i>	2.466	17.151	2.877	2.6 -0.7 4.1 3.9			
<i>[Sphere26]</i>	-	-	-	-	-	-	-
Osth009							
<i>08</i>	19.110	9.445	1.970	2.5 -1.0 0.2 3.1			
<i>Osth004</i>	4.493	0.705	2.747	-1.4 1.2 -0.8 0.0			
<i>Osth009</i>	3.123	12.848	2.811	1.9 -2.3 -0.3 0.0			
<i>[Sphere20]</i>	-	-	-	-	-	-	-
<i>Sphere21</i>	3.826	8.848	3.274	1.9 -2.3 0.7 4.6			
<i>Sphere22</i>	18.116	25.534	2.857	-5.8 -1.6 2.1 7.3			
<i>Sphere23</i>	2.465	17.152	2.875	1.5 0.8 2.1 4.6			
<i>Sphere32</i>	9.770	8.773	2.250	4.4 -2.1 -1.8 3.0			
Osth010							
<i>08</i>	19.105	9.438	1.971	-1.8 -7.7 2.1 4.5			
<i>Osth009</i>	3.120	12.853	2.812	-1.9 2.3 0.3 0.0			
<i>Osth010</i>	12.703	19.523	2.888	-0.6 0.4 1.6 1.7			
<i>Osth011</i>	27.105	21.442	2.818	0.0 -0.6 1.9 1.7			
<i>Sphere21</i>	3.821	8.854	3.277	-3.6 3.4 3.3 3.9			
<i>Sphere22</i>	18.122	25.533	2.858	0.5 -2.7 2.5 2.8			
<i>Sphere23</i>	2.463	17.154	2.875	-0.8 3.1 2.8 4.7			
<i>Sphere32</i>	9.762	8.773	2.252	-3.2 -2.1 1.1 4.6			

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth011							
<i>08</i>	<i>19.107</i>	<i>9.440</i>	<i>1.968</i>	<i>-0.1</i>	<i>-6.5</i>	<i>-1.6</i>	<i>1.8</i>
<i>Osth010</i>	<i>12.705</i>	<i>19.523</i>	<i>2.885</i>	<i>0.6</i>	<i>-0.4</i>	<i>-1.6</i>	<i>1.7</i>
<i>Osth011</i>	<i>27.105</i>	<i>21.442</i>	<i>2.818</i>	<i>0.0</i>	<i>-0.6</i>	<i>1.9</i>	<i>2.3</i>
<i>Osth012</i>	<i>39.137</i>	<i>23.266</i>	<i>2.859</i>	<i>1.4</i>	<i>-6.6</i>	<i>-0.0</i>	<i>2.8</i>
<i>Sphere14</i>	<i>39.706</i>	<i>14.730</i>	<i>2.426</i>	<i>0.5</i>	<i>-7.6</i>	<i>0.2</i>	<i>3.7</i>
<i>Sphere22</i>	<i>18.126</i>	<i>25.533</i>	<i>2.857</i>	<i>4.1</i>	<i>-2.2</i>	<i>1.2</i>	<i>3.2</i>
<i>Sphere23</i>	<i>2.467</i>	<i>17.154</i>	<i>2.870</i>	<i>3.8</i>	<i>2.3</i>	<i>-2.2</i>	<i>2.7</i>
<i>Sphere32</i>	<i>9.764</i>	<i>8.777</i>	<i>2.250</i>	<i>-1.5</i>	<i>1.7</i>	<i>-1.2</i>	<i>2.7</i>
<i>Sphere35 (09)</i>	<i>23.361</i>	<i>5.039</i>	<i>2.655</i>	<i>-0.0</i>	<i>15.9</i>	<i>-1.0</i>	<i>36.0</i>
Osth012							
<i>Osth011</i>	<i>27.104</i>	<i>21.444</i>	<i>2.812</i>	<i>-0.1</i>	<i>1.3</i>	<i>-3.8</i>	<i>2.8</i>
<i>Osth012</i>	<i>39.137</i>	<i>23.266</i>	<i>2.859</i>	<i>1.4</i>	<i>-6.6</i>	<i>-0.0</i>	<i>1.6</i>
<i>Osth013</i>	<i>39.273</i>	<i>26.310</i>	<i>2.877</i>	<i>-0.0</i>	<i>0.0</i>	<i>-0.0</i>	<i>1.9</i>
<i>Sphere14</i>	<i>39.706</i>	<i>14.728</i>	<i>2.427</i>	<i>0.2</i>	<i>-9.7</i>	<i>1.6</i>	<i>5.7</i>
<i>Sphere22</i>	<i>18.131</i>	<i>25.538</i>	<i>2.853</i>	<i>9.1</i>	<i>2.2</i>	<i>-2.6</i>	<i>7.8</i>
<i>Sphere38</i>	<i>31.097</i>	<i>5.280</i>	<i>2.640</i>	<i>-3.6</i>	<i>-11.2</i>	<i>1.2</i>	<i>8.6</i>
<i>Sphere6</i>	<i>33.052</i>	<i>15.338</i>	<i>1.356</i>	<i>1.4</i>	<i>-14.0</i>	<i>1.6</i>	<i>6.3</i>
Osth013							
<i>Osth012</i>	<i>39.135</i>	<i>23.267</i>	<i>2.856</i>	<i>-0.3</i>	<i>-5.4</i>	<i>-3.6</i>	<i>1.9</i>
<i>Osth013</i>	<i>39.273</i>	<i>26.310</i>	<i>2.877</i>	<i>0.0</i>	<i>-0.0</i>	<i>0.0</i>	<i>1.9</i>
<i>Sphere14</i>	<i>39.701</i>	<i>14.735</i>	<i>2.420</i>	<i>-4.7</i>	<i>-2.9</i>	<i>-5.5</i>	<i>5.6</i>
<i>Sphere6</i>	<i>33.047</i>	<i>15.347</i>	<i>1.347</i>	<i>-3.1</i>	<i>-5.5</i>	<i>-6.9</i>	<i>4.8</i>
Osth015							
<i>08</i>	<i>19.109</i>	<i>9.460</i>	<i>1.964</i>	<i>1.7</i>	<i>14.0</i>	<i>-5.7</i>	<i>5.0</i>
<i>Osth012</i>	<i>39.133</i>	<i>23.291</i>	<i>2.863</i>	<i>-2.6</i>	<i>18.7</i>	<i>3.6</i>	<i>0.0</i>
<i>Osth015</i>	<i>34.057</i>	<i>10.404</i>	<i>2.808</i>	<i>0.0</i>	<i>0.0</i>	<i>-0.0</i>	<i>4.7</i>
<i>Osth016</i>	<i>20.089</i>	<i>9.118</i>	<i>2.849</i>	<i>-0.1</i>	<i>4.6</i>	<i>-4.8</i>	<i>4.7</i>
<i>Sphere14</i>	<i>39.709</i>	<i>14.758</i>	<i>2.429</i>	<i>4.0</i>	<i>20.1</i>	<i>3.8</i>	<i>4.0</i>
<i>Sphere35 (09)</i>	<i>23.359</i>	<i>5.024</i>	<i>2.652</i>	<i>-2.0</i>	<i>1.3</i>	<i>-3.5</i>	<i>16.6</i>
<i>Sphere38</i>	<i>31.102</i>	<i>5.297</i>	<i>2.636</i>	<i>2.1</i>	<i>6.0</i>	<i>-3.3</i>	<i>5.5</i>
<i>Sphere6</i>	<i>33.053</i>	<i>15.363</i>	<i>1.356</i>	<i>2.6</i>	<i>10.9</i>	<i>2.4</i>	<i>2.0</i>

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth016							
00	20.062	-1.418	2.567	-1.2	3.6	-2.1	4.2
08	19.107	9.451	1.970	-0.1	4.9	1.0	3.3
Osth015	34.057	10.404	2.808	-0.0	-0.0	0.0	4.7
Osth016	20.089	9.109	2.858	0.1	-4.6	4.8	4.7
Sphere	18.139	2.845	2.916	2.0	3.6	0.8	3.3
Sphere22	18.114	25.540	2.852	-7.9	4.3	-3.2	11.1
Sphere32	9.766	8.778	2.253	0.4	2.5	1.8	4.7
Sphere35 (09)	23.364	5.015	2.661	3.1	-8.3	5.2	20.0
Sphere38	31.102	5.296	2.641	1.5	5.2	2.1	4.9
Sphere6	33.050	15.361	1.357	-0.9	8.6	2.9	4.1
Osth017							
[PlaneEx1]	-	-	-	-	-	-	-
[PlaneEx2]	-	-	-	-	-	-	-
[PlaneEx3]	-	-	-	-	-	-	-
Sphere24	-0.083	7.835	3.269	-30773.8	3382.6	-2187.10	0.0
Osth018							
[PlaneEx121]	-	-	-	-	-	-	-
[PlaneEx122]	-	-	-	-	-	-	-
[PlaneEx123]	-	-	-	-	-	-	-
[PlaneEx124]	-	-	-	-	-	-	-
[PlaneEx127]	-	-	-	-	-	-	-
[PlaneEx131]	-	-	-	-	-	-	-
Osth020							
[PlaneEx100]	-	-	-	-	-	-	-
[PlaneEx101]	-	-	-	-	-	-	-
[PlaneEx102]	-	-	-	-	-	-	-
[PlaneEx103]	-	-	-	-	-	-	-
[PlaneEx104]	-	-	-	-	-	-	-
[PlaneEx110]	-	-	-	-	-	-	-
Osth021							
[PlaneEx110]	-	-	-	-	-	-	-
[PlaneEx112]	-	-	-	-	-	-	-
[PlaneEx113]	-	-	-	-	-	-	-
[PlaneEx114]	-	-	-	-	-	-	-
[PlaneEx115]	-	-	-	-	-	-	-
Osth022							

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth023							
<i>[PlaneEx]</i>	-	-	-	-	-	-	-
<i>[PlaneEx133]</i>	-	-	-	-	-	-	-
<i>[PlaneEx134]</i>	-	-	-	-	-	-	-
<i>[PlaneEx149]</i>	-	-	-	-	-	-	-
<i>[PlaneEx154]</i>	-	-	-	-	-	-	-
<i>[PlaneEx156]</i>	-	-	-	-	-	-	-
Osth024							
<i>Osth024</i>	4.228	10.677	6.926	0.0	0.2	1.5	2.2
<i>Osth025</i>	4.165	19.206	6.613	0.1	-0.3	-2.0	3.6
<i>Osth028</i>	2.272	7.436	6.933	-0.0	-0.0	-0.5	0.8
<i>Sphere1 (Sphere26)</i>	9.502	16.952	5.705	-0.2	-0.4	-3.2	4.2
<i>Sphere15</i>	15.303	12.749	5.442	0.5	-2.2	-3.4	5.0
<i>Sphere4</i>	22.687	17.545	5.445	-1.5	-4.7	-5.8	8.6
<i>Sphere9</i>	15.000	6.648	5.459	0.0	-1.3	1.8	3.0
Osth025							
<i>Osth024</i>	4.228	10.676	6.923	0.0	-0.4	-2.1	3.6
<i>Osth025</i>	4.165	19.207	6.617	0.1	0.2	1.6	2.5
<i>Osth026</i>	19.161	20.679	6.893	-0.2	-0.0	-1.0	1.3
<i>Sphere1 (Sphere26)</i>	9.502	16.952	5.707	0.5	-0.2	-1.6	3.0
<i>Sphere15</i>	15.303	12.752	5.443	0.5	0.8	-2.7	3.5
<i>Sphere4</i>	22.685	17.551	5.447	-3.5	1.6	-3.6	5.9
Osth026							
<i>Osth025</i>	4.165	19.207	6.615	-0.2	0.2	0.3	1.3
<i>Osth026</i>	19.161	20.679	6.895	0.1	0.0	0.3	0.4
<i>Sphere1 (Sphere26)</i>	9.500	16.952	5.708	-2.0	0.1	-0.3	0.9
<i>Sphere10</i>	26.939	20.797	5.467	1.0	0.5	-2.0	3.1
<i>Sphere15</i>	15.301	12.751	5.445	-1.9	-0.5	-0.9	2.6
<i>Sphere20</i>	21.321	4.140	7.011	-3.8	-1.1	-3.3	6.2
<i>Sphere21 (Sphere21@Osth026)</i>	32.094	14.107	5.473	1.9	0.5	-3.0	4.9
<i>Sphere23 (Sphere12)</i>	-1.576	18.251	6.878	2.6	-1.2	1.1	6.0
<i>Sphere4</i>	22.689	17.550	5.452	0.7	0.2	0.5	1.0
<i>Sphere9</i>	14.997	6.651	5.454	-2.6	2.0	-3.0	6.0
Osth027							
<i>Osth026</i>	19.161	20.679	6.895	0.1	0.0	0.3	0.0
<i>Sphere10</i>	26.937	20.798	5.469	-1.3	1.5	-0.3	2.7
<i>Sphere21 (Sphere21@Osth026)</i>	32.090	14.108	5.477	-2.0	1.3	1.2	3.5
<i>Sphere23 (Sphere12)</i>	-1.577	18.256	6.880	1.9	4.7	2.2	6.0
<i>Sphere4</i>	22.687	17.553	5.453	-2.1	3.9	1.8	5.3

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth028							
<i>Osth024</i>	4.228	10.677	6.925	-0.0	0.2	0.7	0.8
<i>Osth028</i>	2.272	7.436	6.933	0.0	0.0	0.3	0.4
<i>Sphere19</i>	7.135	6.549	6.251	1.4	-1.1	0.1	2.8
<i>Sphere33</i>	1.343	7.576	7.075	-2.7	0.6	-0.2	5.5
Osth029							
<i>Osth026</i>	19.161	20.679	6.895	0.1	0.0	0.3	0.0
<i>Osth029</i>	36.197	25.369	6.963	-0.0	0.0	0.1	0.1
<i>Osth030</i>	40.654	23.503	6.950	0.0	0.0	0.2	0.3
<i>Sphere10</i>	26.937	20.795	5.471	-0.6	-1.8	2.2	3.8
<i>Sphere21 (Sphere21@Osth026)</i>	32.090	14.102	5.480	-1.8	-4.8	4.1	8.8
<i>Sphere28</i>	40.003	26.540	7.555	-2.0	0.1	-1.8	5.4
<i>Sphere4</i>	22.691	17.550	5.453	2.7	0.5	1.7	3.6
Osth030							
<i>Osth029</i>	36.197	25.369	6.963	0.0	-0.0	-0.2	0.3
<i>Osth030</i>	40.654	23.503	6.950	0.0	0.0	0.4	0.7
<i>Osth031</i>	42.764	25.253	6.758	-0.0	-0.0	-0.5	1.1
Osth031							
<i>Osth030</i>	40.654	23.503	6.949	-0.0	-0.0	-0.6	1.1
<i>Osth031</i>	42.764	25.253	6.759	0.0	0.0	0.5	1.1
Osth032							
<i>Osth029</i>	36.197	25.369	6.963	-0.0	0.0	0.1	0.0
<i>Sphere10</i>	26.939	20.796	5.469	0.9	-0.3	0.1	1.2
<i>Sphere28</i>	40.007	26.540	7.559	2.0	-0.1	1.8	5.4
<i>Sphere4</i>	22.694	17.553	5.450	5.7	3.4	-0.7	7.5
Osth034							
<i>Osth034</i>	19.416	9.290	6.958	-0.0	0.1	1.1	1.7
<i>Osth035</i>	19.764	0.879	6.960	0.0	-0.4	-2.7	3.4
<i>Sphere1 (Sphere26)</i>	9.499	16.951	5.711	-2.6	-0.8	3.1	4.3
<i>Sphere15</i>	15.302	12.751	5.448	-1.0	-0.0	2.9	3.7
<i>Sphere20</i>	21.326	4.139	7.013	1.0	-1.9	-1.0	2.8
<i>Sphere21 (Sphere21@Osth026)</i>	32.094	14.110	5.473	1.8	3.0	-2.3	5.6
<i>Sphere4</i>	22.689	17.548	5.452	-0.1	-2.0	1.3	2.7
<i>Sphere9</i>	14.999	6.648	5.457	-1.0	-1.2	0.4	2.1

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth035							
<i>Osth034</i>	19.416	9.290	6.956	-0.0	0.8	-0.5	1.8
<i>Osth035</i>	19.764	0.880	6.963	0.0	-0.0	0.7	0.9
<i>Osth036</i>	19.371	-4.673	6.490	-0.0	-0.3	-1.0	2.1
<i>Sphere15</i>	15.303	12.751	5.447	0.7	-0.8	1.8	2.5
<i>Sphere20</i>	21.327	4.144	7.015	1.4	3.2	0.5	4.3
<i>Sphere31</i>	8.861	-0.419	7.237	0.1	0.4	-2.6	3.3
<i>Sphere34</i>	4.382	-0.661	5.501	0.5	0.8	-0.9	1.9
<i>Sphere4</i>	22.689	17.547	5.454	0.4	-2.8	2.8	4.5
Osth036							
<i>Osth034</i>	19.417	9.289	6.956	0.0	-1.0	-0.6	2.1
<i>Osth035</i>	19.764	0.880	6.963	-0.1	0.5	0.5	0.6
<i>Osth036</i>	19.371	-4.673	6.492	0.0	0.3	1.0	2.1
<i>Sphere20</i>	21.326	4.141	7.015	0.9	-0.1	0.8	1.5
Osth037							
<i>Osth035</i>	19.764	0.880	6.963	0.0	-0.0	0.7	0.0
<i>Sphere1 (Sphere26)</i>	9.500	16.953	5.710	-2.4	0.6	1.7	2.7
<i>Sphere15</i>	15.304	12.754	5.448	1.2	2.8	2.3	4.6
<i>Sphere20</i>	21.326	4.141	7.015	0.8	0.3	0.9	1.5
<i>Sphere31</i>	8.860	-0.417	7.241	-0.9	2.2	1.2	3.3
<i>Sphere4</i>	22.687	17.549	5.453	-2.3	-0.2	2.0	3.4
<i>Sphere9</i>	15.003	6.650	5.458	3.6	0.4	0.8	4.9
Osth038							
<i>Osth035</i>	19.764	0.880	6.963	0.0	-0.0	0.7	0.0
<i>Osth038</i>	8.460	-0.081	6.529	-0.0	0.0	0.8	1.3
<i>Osth039</i>	0.782	-0.085	6.714	0.0	0.0	-1.3	2.5
<i>Sphere19</i>	7.133	6.549	6.250	-1.0	-1.3	-0.9	2.8
<i>Sphere20</i>	21.325	4.140	7.016	-0.3	-0.5	2.2	2.7
<i>Sphere31</i>	8.863	-0.421	7.243	2.0	-1.5	3.5	5.4
<i>Sphere34</i>	4.380	-0.662	5.502	-1.1	-0.4	0.6	1.9
<i>Sphere37</i>	8.481	2.560	6.805	-0.4	2.4	-0.6	5.0
Osth039							
<i>Osth038</i>	8.460	-0.081	6.527	0.0	0.0	-1.7	2.5
<i>Osth039</i>	0.782	-0.085	6.717	-0.0	-0.0	1.3	2.5
<i>Sphere31</i>	8.860	-0.420	7.237	-0.7	-0.5	-2.4	3.2
<i>Sphere34</i>	4.382	-0.662	5.502	0.6	-0.4	0.3	1.2

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth040							
<i>Osth028</i>	2.272	7.436	6.933	0.0	0.0	0.3	0.0
<i>Osth038</i>	8.460	-0.081	6.529	-0.0	-0.0	0.8	0.0
<i>Sphere19</i>	7.133	6.553	6.251	-0.5	2.4	0.8	3.9
<i>Sphere31</i>	8.861	-0.420	7.240	-0.5	-0.6	0.4	1.1
<i>Sphere33</i>	1.348	7.575	7.075	2.7	-0.6	0.2	5.5
<i>Sphere37</i>	8.482	2.555	6.807	0.4	-2.4	0.6	5.0
Osth041							
<i>Osth041</i>	6.624	9.745	10.181	-0.1	-0.1	0.8	1.1
<i>Osth042</i>	2.090	4.305	9.792	0.1	0.2	-0.8	1.6
<i>Osth044</i>	6.165	19.675	9.698	0.3	0.1	-0.8	1.9
<i>Sphere11</i>	4.822	6.979	9.635	-2.4	-2.5	-0.8	3.8
<i>Sphere18</i>	0.328	14.303	8.707	-0.7	0.5	-1.5	1.5
<i>Sphere40</i>	-0.586	7.378	9.165	2.6	0.4	-0.6	5.4
<i>Sphere41</i>	9.470	17.574	9.709	-1.0	-1.2	3.5	4.8
<i>Sphere42</i>	16.228	6.189	8.691	-0.7	-2.6	0.1	3.6
<i>Sphere43</i>	20.267	16.430	8.698	-2.4	-2.0	1.5	4.6
<i>Sphere44</i>	9.732	0.401	10.419	-1.4	-0.1	0.6	2.3
Osth042							
<i>Osth041</i>	6.624	9.745	10.179	0.2	0.2	-0.7	1.6
<i>Osth042</i>	2.090	4.304	9.793	-0.1	-0.2	0.8	1.6
<i>Sphere11</i>	4.825	6.982	9.635	0.0	0.5	-0.9	1.7
Osth043							
<i>Osth041</i>	6.624	9.745	10.181	-0.1	-0.1	0.8	0.0
<i>Sphere11</i>	4.823	6.981	9.637	-1.2	-1.3	0.7	3.1
<i>Sphere40</i>	-0.592	7.377	9.166	-2.6	-0.4	0.6	5.4
Osth044							
<i>Osth041</i>	6.624	9.745	10.179	-0.1	-0.0	-1.0	1.9
<i>Osth044</i>	6.165	19.675	9.700	0.3	-0.0	1.1	1.7
<i>Osth045</i>	18.467	20.497	9.742	-0.5	-0.1	2.3	1.7
<i>Sphere11</i>	4.824	6.985	9.632	-0.5	2.8	-4.4	5.6
<i>Sphere18</i>	0.328	14.302	8.708	-0.8	-0.8	-0.7	1.5
<i>Sphere41</i>	9.473	17.573	9.710	1.6	-2.0	4.5	6.5
<i>Sphere42</i>	16.229	6.192	8.690	0.6	0.9	-1.0	2.0

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth045							
<i>Osth044</i>	6.164	19.675	9.699	-0.5	-0.1	-0.4	1.7
<i>Osth045</i>	18.468	20.497	9.743	0.2	-0.0	3.8	5.1
<i>Osth046</i>	33.429	14.939	9.808	-0.0	0.1	-6.2	13.7
<i>Sphere41</i>	9.470	17.575	9.710	-0.9	-0.6	4.5	5.8
<i>Sphere42</i>	16.228	6.192	8.689	-0.4	0.7	-1.8	2.6
<i>Sphere43</i>	20.269	16.434	8.697	-0.5	1.8	0.6	2.6
<i>Sphere45</i>	21.279	8.296	9.575	-0.8	-1.3	-4.8	7.6
<i>Sphere46</i>	25.947	18.889	9.639	1.7	-0.4	-1.7	3.6
Osth046							
<i>Osth045</i>	18.468	20.496	9.726	0.0	-1.3	-13.3	17.1
<i>Osth046</i>	33.429	14.939	9.821	0.1	0.0	7.5	10.0
<i>Osth047</i>	42.205	26.071	9.728	-0.0	-0.1	-5.7	11.5
<i>Osth048</i>	19.234	10.619	10.002	-0.1	0.7	-0.7	2.0
<i>Sphere41</i>	9.472	17.576	9.687	0.5	0.5	-18.7	23.3
<i>Sphere43</i>	20.273	16.431	8.690	3.4	-1.0	-6.9	10.3
<i>Sphere45</i>	21.280	8.299	9.585	-0.1	1.9	5.3	8.4
<i>Sphere46</i>	25.944	18.888	9.637	-1.6	-1.2	-3.0	5.4
<i>Sphere49 (Sphere47)</i>	38.501	11.634	9.454	1.5	-0.6	4.0	2.5
<i>Sphere50</i>	29.318	1.967	10.293	1.4	0.1	-0.6	2.3
Osth047							
<i>Osth046</i>	33.429	14.938	9.810	0.0	-0.1	-4.0	11.5
<i>Osth047</i>	42.205	26.071	9.740	0.0	0.1	5.7	11.5
Osth048							
<i>Osth045</i>	18.468	20.498	9.746	0.3	1.4	7.2	3.7
<i>Osth046</i>	33.429	14.939	9.817	-0.2	0.0	2.6	4.9
<i>Osth048</i>	19.234	10.618	10.004	0.1	-0.7	0.7	2.0
<i>Sphere41</i>	9.471	17.579	9.712	-0.3	3.3	6.2	8.7
<i>Sphere42</i>	16.229	6.193	8.693	0.5	1.1	2.6	3.8
<i>Sphere43</i>	20.269	16.433	8.701	-0.5	1.1	4.8	6.6
<i>Sphere45</i>	21.281	8.296	9.580	1.0	-0.5	-0.5	1.8
<i>Sphere46</i>	25.945	18.891	9.645	-0.1	1.6	4.7	7.4
<i>Sphere49 (Sphere47)</i>	38.499	11.636	9.452	-0.3	0.8	2.9	2.5
Osth049							
<i>Osth049</i>	23.084	1.477	12.673	0.1	-0.1	1.2	2.3
<i>Osth050</i>	16.050	14.669	14.307	-0.1	0.1	-1.2	2.3
<i>Sphere44</i>	9.736	0.399	10.419	2.0	-2.3	0.1	4.5
<i>Sphere50</i>	29.318	1.967	10.294	1.0	-0.1	0.5	1.7
<i>Sphere51</i>	40.885	16.735	13.359	1.5	-2.5	1.7	6.6
<i>Sphere52</i>	-0.399	-0.264	10.105	1.7	-0.9	0.7	2.3

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth050							
<i>Osth049</i>	23.084	1.477	12.671	-0.1	0.1	-1.2	2.3
<i>Osth050</i>	16.050	14.669	14.309	0.1	-0.1	1.2	2.3
<i>Sphere44</i>	9.733	0.404	10.418	-0.6	2.4	-0.6	3.8
<i>Sphere50</i>	29.315	1.967	10.293	-2.4	-0.0	0.0	3.6
<i>Sphere51</i>	40.882	16.741	13.357	-1.5	3.1	-0.2	6.6
<i>Sphere52</i>	-0.400	-0.262	10.104	1.3	0.6	-0.9	2.3
Osth052							
<i>Osth052</i>	-2.408	11.019	2.431	-0.0	-0.1	0.7	1.0
<i>Osth053</i>	-12.117	-0.876	2.156	0.1	0.1	0.4	0.8
<i>Osth054</i>	-12.715	27.120	2.466	0.1	0.1	-0.5	2.8
<i>Sphere53</i>	-1.075	8.978	2.499	0.9	-1.7	0.5	4.0
<i>Sphere54</i>	-14.145	12.049	1.083	0.3	0.0	3.0	4.5
Osth053							
<i>Osth052</i>	-2.408	11.019	2.431	0.1	0.1	1.4	0.8
<i>Osth053</i>	-12.117	-0.876	2.155	-0.1	-0.1	-0.4	0.8
<i>Sphere52</i>	-0.403	-0.266	10.107	-2.3	-2.8	2.2	7.3
<i>Sphere53</i>	-1.077	8.981	2.498	-0.9	1.7	-0.5	4.0
<i>Sphere54</i>	-14.148	12.049	1.077	-2.0	0.1	-2.9	5.2
Osth054							
<i>Osth052</i>	-2.408	11.019	2.428	-0.1	-0.0	-2.1	2.8
<i>Osth054</i>	-12.715	27.120	2.468	0.2	0.0	2.3	3.4
<i>Osth056</i>	3.900	30.543	1.946	-0.3	-0.1	-2.0	4.0
<i>Sphere52</i>	-0.401	-0.260	10.103	-0.6	3.1	-2.0	7.3
<i>Sphere54</i>	-14.144	12.049	1.079	1.6	-0.1	-0.1	2.5
<i>Sphere55</i>	-0.831	37.799	3.114	-0.5	-0.8	-1.8	4.0
<i>Sphere56</i>	-0.473	26.597	0.849	1.0	-0.1	-1.2	3.1
Osth056							
<i>Osth054</i>	-12.715	27.120	2.464	-0.3	-0.1	-1.7	4.0
<i>Osth056</i>	3.901	30.543	1.950	0.2	0.0	2.0	3.0
<i>Osth057</i>	20.226	33.910	2.243	-0.1	-0.0	0.5	1.9
<i>Sphere55</i>	-0.830	37.800	3.117	0.5	0.8	1.8	4.0
<i>Sphere56</i>	-0.475	26.597	0.852	-1.0	0.1	1.2	3.1
<i>Sphere57</i>	15.105	39.058	2.998	1.9	-0.8	0.8	4.3
<i>Sphere58</i>	16.202	25.822	2.253	0.6	-0.4	-1.9	4.1

Name	X	Y	Z	dX	dY	dZ	Dist.
Osth057							
<i>Osth056</i>	3.901	30.543	1.948	0.1	0.0	0.0	1.9
<i>Osth057</i>	20.226	33.910	2.244	0.0	0.0	2.4	3.6
<i>Osth058</i>	35.577	36.754	2.391	0.1	-0.0	-2.3	5.3
<i>Sphere32 (Sphere32@Osth029)</i>	36.833	27.247	6.544	-1.5	3.4	-1.2	5.3
<i>Sphere48</i>	36.787	27.270	9.767	0.2	4.1	-1.0	7.2
<i>Sphere57</i>	15.101	39.060	2.997	-1.9	0.8	-0.8	4.3
<i>Sphere58</i>	16.201	25.823	2.257	-0.6	0.4	1.9	4.1
<i>Sphere59</i>	30.887	35.195	0.906	2.1	1.1	-0.5	4.8
<i>Sphere60</i>	28.202	43.482	3.381	-0.6	0.9	-4.4	9.0
Osth058							
<i>Osth057</i>	20.226	33.910	2.239	0.1	0.0	-2.9	5.3
<i>Osth058</i>	35.577	36.754	2.397	0.0	-0.0	2.9	4.4
<i>Osth059</i>	49.863	29.976	2.238	-0.1	-0.1	-0.5	3.5
<i>Sphere32 (Sphere32@Osth029)</i>	36.832	27.241	6.545	-2.4	-1.9	-0.1	4.1
<i>Sphere48</i>	36.787	27.263	9.767	-0.1	-2.6	-0.9	5.1
<i>Sphere59</i>	30.882	35.192	0.907	-2.1	-1.1	0.5	4.8
<i>Sphere60</i>	28.204	43.480	3.390	0.6	-0.9	4.4	9.0
<i>Sphere61</i>	44.967	27.226	1.010	-0.5	0.6	0.4	1.3
<i>Sphere62</i>	52.651	31.406	0.855	-1.6	-0.4	0.0	2.5
Osth059							
<i>Osth058</i>	35.577	36.754	2.393	-0.1	0.0	-0.6	3.5
<i>Osth059</i>	49.863	29.976	2.241	0.0	-0.1	3.0	4.5
<i>Osth060</i>	49.207	12.648	1.997	0.0	0.1	-2.7	5.5
<i>Sphere32 (Sphere32@Osth029)</i>	36.830	27.242	6.541	-4.3	-1.1	-4.5	4.8
<i>Sphere48</i>	36.783	27.264	9.761	-3.8	-1.7	-6.8	7.4
<i>Sphere51</i>	40.883	16.735	13.355	-0.7	-2.2	-2.5	5.3
<i>Sphere61</i>	44.967	27.224	1.009	-0.9	-1.4	-0.2	2.5
<i>Sphere62</i>	52.654	31.407	0.857	1.7	0.3	2.0	4.0
<i>Sphere63</i>	40.848	16.467	2.312	0.4	-1.7	-1.8	5.0
Osth060							
<i>Osth059</i>	49.863	29.976	2.236	0.0	0.2	-2.5	5.5
<i>Osth060</i>	49.207	12.648	2.003	-0.0	-0.1	2.7	5.5
<i>Sphere51</i>	40.884	16.739	13.358	0.7	1.5	1.0	5.3
<i>Sphere61</i>	44.969	27.226	1.009	1.3	0.8	-0.3	2.3
<i>Sphere62</i>	52.652	31.407	0.853	-0.1	0.1	-2.1	3.1
<i>Sphere63</i>	40.847	16.470	2.316	-0.4	1.7	1.8	5.0