

Point Cloud Registration Quality Report

12U21782_Tunnel900

2013-05-02

Produced by: John Doe

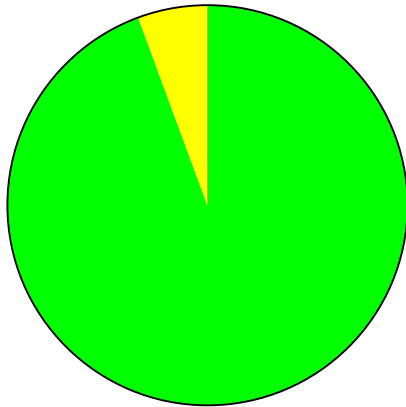
For: Jane Doe

Scanner Serial Number: LLS0123456789

Scanner Model: FARO Focus 3D S 120

Summary

Quality of scans



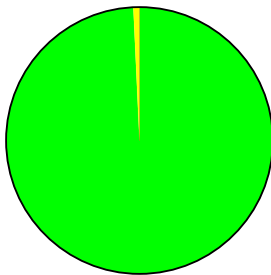
■ High; 67 (94.4%)
■ Medium; 4 (5.6%)
■ Low; 0 (0.0%)

Reasons for decreased quality:
 Num distinct references (100.0%)
 Num quadrants occupied (50.0%)

Project average point distance error

1.5 mm

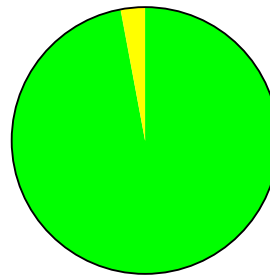
Quality of references



■ High (99.3%)
■ Medium (0.7%)
■ Low (0.0%)

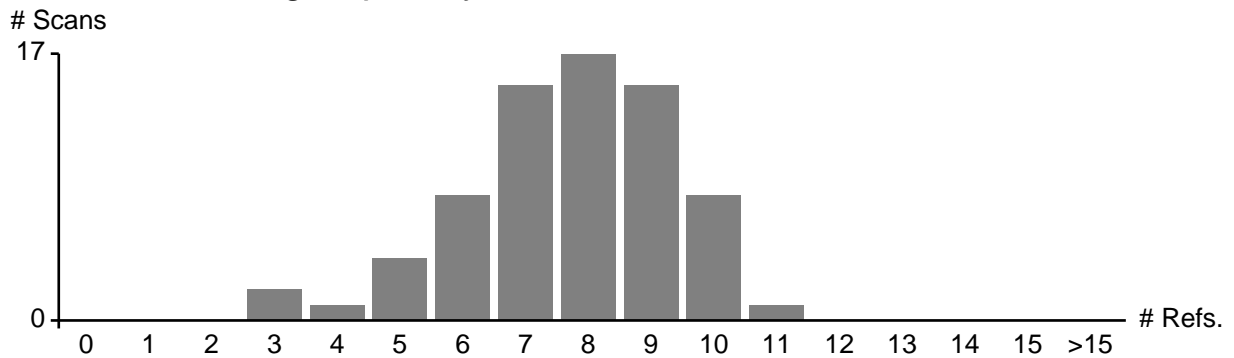
Reasons for decreased quality:
Low point num. (100.0%)

References used for fitting



■ Surveyed (97.1%)
■ Derived (2.9%)

Scans grouped by number of references used



Total number of scans:	71
Total number of references:	69 (64 surveyed and 5 derived)
Based on workspace:	12U21782_Tunnel900.fws (2013-05-02 16:20:54)

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	Low
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
● Arlanda_tunnel.900_Scan_000	1.79	5	YES	146208.347	6614926.101	23.261
● Arlanda_tunnel.900_Scan_001	1.41	5	YES	146209.228	6614924.894	22.848
● Arlanda_tunnel.900_Scan_002	1.31	8	YES	146207.120	6614918.614	23.056
● Arlanda_tunnel.900_Scan_003	1.10	8	YES	146207.625	6614917.259	22.823
● Arlanda_tunnel.900_Scan_004	1.26	9	YES	146206.880	6614913.602	22.823
● Arlanda_tunnel.900_Scan_005	1.38	9	YES	146206.659	6614914.272	23.618
● Arlanda_tunnel.900_Scan_006	1.56	6	YES	146205.512	6614908.531	23.859
● Arlanda_tunnel.900_Scan_007	1.32	9	YES	146206.356	6614910.741	22.384
● Arlanda_tunnel.900_Scan_008	1.46	7	YES	146205.247	6614906.664	22.373
● Arlanda_tunnel.900_Scan_009	1.22	7	YES	146204.295	6614905.680	23.562
● Arlanda_tunnel.900_Scan_010	1.33	6	YES	146203.333	6614900.850	23.553
● Arlanda_tunnel.900_Scan_011	1.13	6	YES	146204.079	6614901.054	22.354
● Arlanda_tunnel.900_Scan_012	1.41	7	YES	146202.950	6614899.249	23.836
● Arlanda_tunnel.900_Scan_013	1.48	7	YES	146203.475	6614899.296	23.300
● Arlanda_tunnel.900_Scan_014	0.91	7	YES	146204.000	6614898.886	22.360
● Arlanda_tunnel.900_Scan_015	1.64	8	YES	146201.682	6614892.614	23.760
● Arlanda_tunnel.900_Scan_016	1.84	7	YES	146202.066	6614891.949	23.246
● Arlanda_tunnel.900_Scan_017	1.20	7	YES	146202.566	6614891.866	22.350
● Arlanda_tunnel.900_Scan_018	1.57	8	YES	146200.534	6614887.035	23.826
● Arlanda_tunnel.900_Scan_019	1.10	7	YES	146200.926	6614886.477	23.236
● Arlanda_tunnel.900_Scan_020	2.78	9	YES	146201.513	6614886.399	22.339
● Arlanda_tunnel.900_Scan_021	3.10	6	YES	146199.358	6614880.996	23.725
● Arlanda_tunnel.900_Scan_055	1.24	10	YES	146186.346	6614816.065	23.637
● Arlanda_tunnel.900_Scan_056	1.32	9	YES	146186.774	6614815.572	23.398
● Arlanda_tunnel.900_Scan_057	1.29	9	YES	146187.365	6614815.594	22.227
● Arlanda_tunnel.900_Scan_058	1.56	8	YES	146185.174	6614810.252	23.589
● Arlanda_tunnel.900_Scan_059	0.58	5	YES	146185.416	6614809.653	23.167
● Arlanda_tunnel.900_Scan_060	0.83	6	YES	146186.120	6614809.562	22.203
● Arlanda_tunnel.900_Scan_061	0.85	9	YES	146188.152	6614815.590	22.974
● Arlanda_tunnel.900_Scan_062	1.30	5	YES	146192.857	6614814.593	23.752
● Arlanda_tunnel.900_Scan_063	1.84	4	YES	146195.661	6614814.083	23.736
● Arlanda_tunnel.900_Scan_064	0.90	6	YES	146188.301	6614813.816	22.969
● Arlanda_tunnel.900_Scan_065	1.20	3	YES	146193.351	6614813.065	22.970
● Arlanda_tunnel.900_Scan_066	0.82	7	YES	146188.915	6614817.022	22.975
● Arlanda_tunnel.900_Scan_067	0.88	3	YES	146194.453	6614815.798	22.992
● Arlanda_tunnel.900_Scan_070	2.14	6	YES	146199.299	6614880.934	23.762
● Arlanda_tunnel.900_Scan_071	1.62	8	YES	146199.639	6614880.399	23.346
● Arlanda_tunnel.900_Scan_072	1.84	7	YES	146200.234	6614879.960	22.332
● Arlanda_tunnel.900_Scan_073	1.59	8	YES	146198.056	6614874.790	23.739
● Arlanda_tunnel.900_Scan_074	1.56	9	YES	146198.491	6614874.519	23.270
● Arlanda_tunnel.900_Scan_075	1.53	9	YES	146199.087	6614874.214	22.324
● Arlanda_tunnel.900_Scan_076	2.78	9	YES	146195.748	6614863.127	23.774
● Arlanda_tunnel.900_Scan_077	2.11	10	YES	146196.926	6614869.039	23.791
● Arlanda_tunnel.900_Scan_078	1.07	7	YES	146197.401	6614868.994	23.249

Name	Pt. dist	Refs.	Inclin.	X	Y	Z
● Arlanda_tunnel.900_Scan_079	1.46	8	YES	146196.161	6614862.630	23.232
● Arlanda_tunnel.900_Scan_080	1.47	8	YES	146198.011	6614868.731	22.309
● Arlanda_tunnel.900_Scan_081	1.79	9	YES	146196.829	6614862.941	22.292
● Arlanda_tunnel.900_Scan_082	1.53	8	YES	146194.576	6614857.322	23.695
● Arlanda_tunnel.900_Scan_083	1.81	8	YES	146194.907	6614856.734	23.244
● Arlanda_tunnel.900_Scan_084	1.74	10	YES	146195.657	6614856.817	22.280
● Arlanda_tunnel.900_Scan_085	2.02	8	YES	146193.389	6614851.410	23.630
● Arlanda_tunnel.900_Scan_086	1.57	7	YES	146193.803	6614850.791	23.218
● Arlanda_tunnel.900_Scan_087	1.46	8	YES	146194.430	6614850.865	22.276
● Arlanda_tunnel.900_Scan_088	2.07	7	YES	146192.219	6614845.522	23.621
● Arlanda_tunnel.900_Scan_089	1.64	8	YES	146192.559	6614845.019	23.198
● Arlanda_tunnel.900_Scan_090	0.74	6	YES	146193.225	6614844.744	22.251
● Arlanda_tunnel.900_Scan_091	2.04	8	YES	146191.081	6614839.813	23.583
● Arlanda_tunnel.900_Scan_092	1.29	9	YES	146191.456	6614839.115	23.196
● Arlanda_tunnel.900_Scan_093	0.93	9	YES	146192.097	6614839.248	22.252
● Arlanda_tunnel.900_Scan_094	1.09	9	YES	146191.446	6614837.026	23.666
● Arlanda_tunnel.900_Scan_095	1.43	8	YES	146189.879	6614833.981	23.592
● Arlanda_tunnel.900_Scan_096	1.53	10	YES	146190.361	6614833.683	23.173
● Arlanda_tunnel.900_Scan_097	1.08	10	YES	146190.812	6614832.944	22.241
● Arlanda_tunnel.900_Scan_098	1.73	11	YES	146188.689	6614827.920	23.589
● Arlanda_tunnel.900_Scan_099	1.71	10	YES	146189.064	6614827.350	23.179
● Arlanda_tunnel.900_Scan_100	0.97	10	YES	146189.685	6614827.158	22.233
● Arlanda_tunnel.900_Scan_101	1.15	8	YES	146187.539	6614822.256	23.614
● Arlanda_tunnel.900_Scan_102	1.23	9	YES	146187.855	6614821.455	23.165
● Arlanda_tunnel.900_Scan_103	0.96	10	YES	146188.506	6614821.305	22.225
● Arlanda_tunnel.900_Scan_104	1.54	7	YES	146186.377	6614816.350	23.568
● Arlanda_tunnel.900_Scan_105	1.51	7	YES	146186.735	6614815.432	23.168

References

Name	Type	Size	X	Y	Z
S900S01	Sphere	70.0	146208.858	6614930.060	23.511
S900S02	Sphere	70.0	146209.220	6614924.490	23.692
S900S03	Sphere	70.0	146207.098	6614921.291	23.478
S900S04	Sphere	70.0	146208.041	6614918.592	23.266
S900S05	Sphere	70.0	146206.541	6614918.377	23.466
S900S06	Sphere	70.0	146205.931	6614915.418	23.462
S900S07	Sphere	70.0	146205.533	6614912.336	23.351
S900S08	Sphere	70.0	146206.869	6614912.767	23.240
S900S09	Sphere	70.0	146205.669	6614906.852	23.814
S900S10	Sphere	70.0	146204.284	6614906.968	23.445
S900S11	Sphere	70.0	146204.470	6614900.957	23.211
S900S12	Sphere	70.0	146203.626	6614904.031	23.442
S900S13	Sphere	70.0	146202.499	6614898.285	23.433
S900S14	Sphere	70.0	146203.319	6614895.059	23.218
S900S15	Sphere	70.0	146201.273	6614892.261	23.434
S900S16	Sphere	70.0	146202.144	6614889.202	23.780
S900S17	Sphere	70.0	146200.688	6614889.365	23.426
S900S19	Sphere	70.0	146200.694	6614886.366	24.096
S900S20	Sphere	70.0	146200.965	6614883.304	23.208
S900S21	Sphere	70.0	146199.529	6614883.460	23.415
S900S22	Sphere	70.0	146198.922	6614880.559	23.404
S900S23	Sphere	70.0	146199.758	6614877.429	23.174
S900S24	Sphere	70.0	146197.151	6614871.637	23.387
S900S25	Sphere	70.0	146198.582	6614871.536	23.746
S900S26	Sphere	70.0	146197.935	6614872.008	24.073
S900S27	Sphere	70.0	146196.565	6614868.720	23.378
S900S28	Sphere	70.0	146197.399	6614865.673	22.989
S900S29	Sphere	70.0	146195.942	6614865.784	23.382
S900S30	Sphere	70.0	146195.192	6614862.897	23.985
S900S31	Sphere	70.0	146194.783	6614859.901	23.374
S900S32	Sphere	70.0	146196.221	6614859.783	22.980
S900S33	Sphere	70.0	146194.214	6614856.969	23.365
S900S34	Sphere	70.0	146194.880	6614856.541	24.080
S900S35	Sphere	70.0	146195.053	6614853.912	23.642
S900S36	Sphere	70.0	146193.014	6614851.087	23.365
S900S37	Sphere	70.0	146192.254	6614848.232	23.648
S900S38	Sphere	70.0	146193.850	6614848.022	23.132
S900S39	Sphere	70.0	146191.857	6614845.246	23.354
S900S41	Sphere	70.0	146192.678	6614842.168	22.969
S900S42	Sphere	70.0	146190.670	6614839.363	23.342
S900S43	Sphere	70.0	146190.360	6614837.633	23.347
S900S44	Sphere	70.0	146191.499	6614836.258	23.644
S900S45	Sphere	70.0	146190.200	6614836.119	23.661
S900S46	Sphere	70.0	146189.905	6614833.468	24.022

Name	Type	Size	X	Y	Z
S900S47	Sphere	70.0	146189.482	6614833.407	23.327
S900S48	Sphere	70.0	146190.327	6614830.370	23.085
S900S49	Sphere	70.0	146188.128	6614827.637	23.611
S900S50	Sphere	70.0	146188.813	6614826.901	24.012
S900S51	Sphere	70.0	146187.958	6614825.338	23.163
S900S52	Sphere	70.0	146189.134	6614824.481	23.035
S900S53	Sphere	70.0	146187.146	6614821.726	23.309
S900S54	Sphere	70.0	146186.544	6614818.771	23.304
S900S55	Sphere	70.0	146187.973	6614818.653	23.465
S900S56	Sphere	70.0	146185.955	6614815.769	23.309
S900S57	Sphere	70.0	146186.798	6614812.737	23.629
S900S58	Sphere	70.0	146185.351	6614812.751	23.300
S900S59	Sphere	70.0	146184.201	6614806.939	23.294
S900S60	Sphere	70.0	146186.746	6614815.832	24.001
S900S61	Sphere	70.0	146188.843	6614818.225	23.025
S900S62	Sphere	70.0	146192.185	6614815.316	23.000
S900S63	Sphere	70.0	146197.429	6614813.756	23.886
S900S64	Sphere	70.0	146191.764	6614813.359	22.999
S900S65	Sphere	70.0	146187.768	6614812.795	22.958
<i>Sphere49</i>	<i>Sphere</i>	<i>70.0</i>	<i>146206.692</i>	<i>6614915.505</i>	<i>24.192</i>
<i>Sphere61</i>	<i>Sphere</i>	<i>70.0</i>	<i>146188.875</i>	<i>6614818.536</i>	<i>23.866</i>
<i>Sphere64</i>	<i>Sphere</i>	<i>70.0</i>	<i>146187.702</i>	<i>6614812.648</i>	<i>23.854</i>

Report

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_000							
S900S01	146208.854	6614930.058	23.512	-4.1	-2.4	0.8	2.4
S900S02	146209.218	6614924.489	23.695	-2.4	-0.9	3.3	1.8
S900S03	146207.096	6614921.290	23.479	-2.0	-0.6	0.5	1.2
S900S04	146208.041	6614918.590	23.266	0.0	-2.4	-0.2	1.9
S900S05	146206.540	6614918.376	23.465	-1.4	-1.2	-0.7	1.5
Arlanda_tunnel.900_Scan_001							
S900S01	146208.854	6614930.058	23.509	-4.1	-2.3	-1.6	2.4
S900S02	146209.218	6614924.489	23.696	-1.9	-0.9	3.6	2.3
S900S03	146207.097	6614921.289	23.479	-1.3	-1.5	0.7	0.9
S900S04	146208.040	6614918.590	23.266	-1.3	-1.8	-0.0	0.4
S900S05	146206.540	6614918.376	23.466	-0.9	-1.0	-0.5	1.1
Arlanda_tunnel.900_Scan_002							
S900S02	146209.217	6614924.488	23.692	-3.0	-1.6	-0.2	3.2
S900S03	146207.097	6614921.290	23.479	-0.7	-1.0	0.8	1.1
S900S04	146208.040	6614918.590	23.267	-1.4	-1.9	1.4	1.4
S900S05	146206.540	6614918.375	23.467	-0.5	-1.5	1.5	1.3
S900S06	146205.930	6614915.414	23.463	-1.1	-4.0	0.5	0.5
S900S07	146205.532	6614912.334	23.350	-0.5	-1.6	-0.7	0.9
S900S08	146206.869	6614912.765	23.240	-0.1	-1.6	0.2	0.7
<i>Sphere49</i>	<i>146206.692</i>	<i>6614915.506</i>	<i>24.191</i>	<i>0.3</i>	<i>0.4</i>	<i>-1.1</i>	<i>1.4</i>
Arlanda_tunnel.900_Scan_003							
S900S02	146209.219	6614924.490	23.693	-1.4	-0.3	1.0	1.8
S900S03	146207.096	6614921.290	23.479	-1.8	-0.8	0.8	1.2
S900S04	146208.039	6614918.590	23.267	-1.6	-2.1	1.1	1.0
S900S05	146206.540	6614918.375	23.467	-0.7	-2.1	1.1	1.3
S900S06	146205.930	6614915.414	23.462	-1.2	-4.2	0.4	0.6
S900S07	146205.533	6614912.334	23.350	-0.2	-1.7	-0.9	1.0
S900S08	146206.869	6614912.765	23.240	0.3	-1.5	-0.3	1.4
<i>Sphere49</i>	<i>146206.692</i>	<i>6614915.506</i>	<i>24.192</i>	<i>-0.0</i>	<i>0.4</i>	<i>0.1</i>	<i>0.5</i>

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_004							
S900S03	146207.097	6614921.290	23.477	-0.6	-1.1	-0.8	1.3
S900S04	146208.039	6614918.590	23.267	-2.2	-2.3	0.7	1.1
S900S05	146206.540	6614918.376	23.467	-0.7	-0.6	0.7	0.8
S900S06	146205.930	6614915.414	23.464	-1.1	-3.6	1.5	1.5
S900S07	146205.533	6614912.334	23.352	0.5	-1.8	0.8	1.2
S900S08	146206.869	6614912.766	23.242	-0.2	-1.2	1.7	1.5
S900S09	146205.669	6614906.851	23.811	0.2	-1.0	-2.7	1.4
S900S10	146204.285	6614906.964	23.444	1.2	-4.1	-1.2	1.8
<i>Sphere49</i>	<i>146206.691</i>	<i>6614915.505</i>	<i>24.193</i>	<i>-0.1</i>	<i>-0.2</i>	<i>0.5</i>	<i>0.7</i>
Arlanda_tunnel.900_Scan_005							
S900S03	146207.097	6614921.289	23.476	-1.2	-1.8	-1.7	2.3
S900S04	146208.039	6614918.589	23.267	-1.7	-2.5	1.1	1.2
S900S05	146206.540	6614918.376	23.466	-0.6	-0.6	0.1	0.7
S900S06	146205.930	6614915.413	23.463	-0.5	-4.6	1.3	1.2
S900S07	146205.533	6614912.335	23.352	-0.0	-1.2	0.5	1.0
S900S08	146206.869	6614912.766	23.242	-0.4	-1.1	2.2	2.0
S900S09	146205.670	6614906.850	23.812	0.8	-1.8	-1.7	1.5
S900S10	146204.285	6614906.965	23.444	1.0	-2.8	-1.2	1.9
<i>Sphere49</i>	<i>146206.691</i>	<i>6614915.505</i>	<i>24.193</i>	<i>-0.4</i>	<i>-0.1</i>	<i>0.3</i>	<i>0.6</i>
Arlanda_tunnel.900_Scan_006							
S900S06	146205.931	6614915.413	23.460	-0.3	-5.1	-2.0	3.1
S900S07	146205.533	6614912.334	23.350	-0.4	-2.0	-0.6	0.8
S900S09	146205.668	6614906.852	23.814	-0.6	-0.4	0.1	2.0
S900S10	146204.286	6614906.965	23.446	1.7	-2.9	1.4	1.4
S900S11	146204.472	6614900.960	23.210	2.3	2.9	-0.7	1.0
<i>Sphere49</i>	<i>146206.692</i>	<i>6614915.505</i>	<i>24.192</i>	<i>-0.0</i>	<i>-0.9</i>	<i>-0.2</i>	<i>1.1</i>
Arlanda_tunnel.900_Scan_007							
S900S04	146208.039	6614918.592	23.264	-2.1	-0.5	-2.4	3.5
S900S05	146206.541	6614918.376	23.466	0.5	-1.4	0.4	1.3
S900S06	146205.930	6614915.415	23.463	-0.6	-3.5	0.7	0.8
S900S07	146205.533	6614912.334	23.352	0.0	-2.5	0.6	1.0
S900S08	146206.868	6614912.765	23.241	-1.0	-2.1	0.6	0.8
S900S09	146205.669	6614906.850	23.812	0.5	-1.8	-2.1	1.3
S900S10	146204.285	6614906.965	23.447	1.2	-3.4	1.6	1.6
S900S12	146203.626	6614904.029	23.443	-0.2	-2.0	0.5	0.7
<i>Sphere49</i>	<i>146206.692</i>	<i>6614915.506</i>	<i>24.193</i>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>	<i>0.8</i>

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_008							
S900S06	146205.931	6614915.414	23.462	-0.1	-3.6	0.3	0.9
S900S07	146205.533	6614912.334	23.351	0.2	-1.9	0.3	0.5
S900S08	146206.867	6614912.765	23.239	-1.5	-2.2	-1.5	2.7
S900S09	146205.669	6614906.851	23.814	0.1	-1.0	-0.4	1.3
S900S10	146204.285	6614906.965	23.446	1.2	-3.4	1.2	1.3
S900S11	146204.473	6614900.959	23.209	2.5	2.5	-1.9	2.3
S900S12	146203.626	6614904.029	23.444	0.0	-1.6	1.6	1.2
Arlanda_tunnel.900_Scan_009							
S900S07	146205.533	6614912.334	23.351	-0.1	-1.7	-0.4	0.4
S900S08	146206.868	6614912.766	23.241	-0.9	-1.4	0.5	0.5
S900S09	146205.669	6614906.850	23.814	0.0	-1.5	-0.3	1.5
S900S10	146204.286	6614906.964	23.446	2.1	-4.1	1.4	1.5
S900S11	146204.472	6614900.960	23.211	2.3	2.9	0.3	0.5
S900S12	146203.627	6614904.029	23.443	0.7	-1.8	0.9	0.5
S900S13	146202.500	6614898.287	23.430	1.2	1.6	-3.0	3.5
Arlanda_tunnel.900_Scan_010							
S900S10	146204.286	6614906.964	23.444	2.3	-4.1	-1.2	1.7
S900S11	146204.472	6614900.960	23.212	2.0	3.2	1.3	1.5
S900S12	146203.626	6614904.029	23.443	0.1	-1.7	0.7	0.5
S900S13	146202.500	6614898.286	23.434	1.0	0.9	1.0	1.7
S900S14	146203.321	6614895.062	23.221	1.8	3.4	3.1	1.1
S900S15	146201.275	6614892.263	23.432	1.7	1.9	-2.3	1.5
Arlanda_tunnel.900_Scan_011							
S900S09	146205.668	6614906.851	23.812	-1.0	-1.1	-2.4	1.2
S900S10	146204.286	6614906.964	23.445	2.4	-3.8	0.5	0.9
S900S11	146204.472	6614900.960	23.211	2.1	2.9	-0.1	0.3
S900S12	146203.626	6614904.029	23.444	0.5	-1.8	1.6	1.0
S900S13	146202.500	6614898.286	23.434	1.3	1.5	1.1	1.7
S900S14	146203.321	6614895.062	23.219	2.2	2.6	1.0	1.7
Arlanda_tunnel.900_Scan_012							
S900S09	146205.668	6614906.851	23.812	-0.8	-0.6	-1.6	0.8
S900S10	146204.285	6614906.965	23.445	1.5	-3.0	0.1	0.6
S900S11	146204.472	6614900.959	23.212	1.7	2.3	1.4	1.6
S900S12	146203.627	6614904.028	23.441	1.3	-2.7	-0.9	2.3
S900S13	146202.501	6614898.286	23.434	2.0	1.3	1.4	1.7
S900S14	146203.321	6614895.062	23.221	2.0	2.9	3.0	1.0
S900S15	146201.274	6614892.263	23.431	1.4	2.0	-2.7	1.9

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_013							
S900S09	146205.667	6614906.852	23.811	-1.9	-0.3	-2.8	2.4
S900S10	146204.287	6614906.964	23.444	3.1	-3.7	-1.3	2.1
S900S11	146204.471	6614900.959	23.212	1.1	2.0	1.3	1.9
S900S12	146203.627	6614904.029	23.442	0.8	-2.1	0.5	0.6
S900S13	146202.501	6614898.286	23.435	1.9	1.3	1.7	2.0
S900S14	146203.321	6614895.062	23.221	1.8	3.0	2.8	0.7
S900S15	146201.275	6614892.263	23.433	2.0	2.2	-1.2	0.7
Arlanda_tunnel.900_Scan_014							
S900S09	146205.669	6614906.851	23.813	-0.2	-1.3	-1.4	0.3
S900S10	146204.286	6614906.966	23.446	2.0	-2.4	0.8	1.4
S900S11	146204.472	6614900.959	23.211	1.6	2.4	-0.1	0.5
S900S12	146203.626	6614904.029	23.443	0.1	-2.3	1.0	0.6
S900S13	146202.501	6614898.286	23.434	1.9	0.8	0.9	1.1
S900S14	146203.321	6614895.062	23.219	2.2	3.2	0.7	1.9
S900S15	146201.274	6614892.263	23.433	1.2	1.7	-1.4	0.6
Arlanda_tunnel.900_Scan_015							
S900S11	146204.471	6614900.961	23.210	1.4	3.6	-1.2	1.7
S900S13	146202.502	6614898.284	23.432	3.5	-0.7	-1.2	2.7
S900S14	146203.320	6614895.062	23.221	1.1	2.5	2.8	1.1
S900S15	146201.275	6614892.264	23.435	2.1	2.9	1.5	2.9
S900S16	146202.145	6614889.205	23.782	0.5	2.9	2.0	0.7
S900S17	146200.685	6614889.369	23.423	-3.1	3.8	-3.0	0.5
S900S19	146200.692	6614886.366	24.097	-1.9	-0.3	0.9	1.2
S900S21	146199.527	6614883.460	23.412	-1.7	0.5	-3.4	2.2
Arlanda_tunnel.900_Scan_016							
S900S13	146202.503	6614898.285	23.431	3.9	0.1	-2.1	3.2
S900S15	146201.274	6614892.264	23.435	0.7	3.1	1.5	3.0
S900S16	146202.145	6614889.204	23.783	1.2	2.0	2.7	0.9
S900S17	146200.685	6614889.368	23.423	-3.3	3.2	-2.6	0.8
S900S19	146200.693	6614886.365	24.096	-1.2	-0.8	0.0	1.2
S900S20	146200.964	6614883.308	23.209	-1.0	4.1	1.5	1.4
S900S21	146199.527	6614883.461	23.411	-1.9	1.1	-3.7	2.3
Arlanda_tunnel.900_Scan_017							
S900S13	146202.502	6614898.286	23.433	2.6	1.4	-0.2	0.8
S900S14	146203.320	6614895.061	23.220	1.0	2.5	1.9	1.1
S900S15	146201.275	6614892.263	23.434	1.7	2.5	-0.0	1.2
S900S16	146202.145	6614889.204	23.782	0.9	1.8	1.8	1.0
S900S17	146200.685	6614889.369	23.424	-3.1	4.1	-2.1	1.6
S900S19	146200.692	6614886.365	24.097	-1.8	-1.0	0.9	0.7
S900S20	146200.965	6614883.307	23.207	0.5	3.1	-0.5	2.1

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_018							
S900S14	146203.318	6614895.063	23.219	-0.9	4.3	1.5	3.3
S900S15	146201.276	6614892.262	23.433	2.5	1.0	-1.4	1.9
S900S16	146202.144	6614889.204	23.782	0.4	2.5	2.1	0.7
S900S17	146200.686	6614889.367	23.423	-2.4	2.3	-3.0	1.5
S900S19	146200.693	6614886.365	24.098	-1.3	-0.9	1.5	0.6
S900S20	146200.965	6614883.308	23.210	0.2	4.3	2.3	1.7
S900S21	146199.529	6614883.462	23.413	-0.5	1.9	-1.7	1.0
S900S22	146198.922	6614880.562	23.402	0.1	3.4	-2.2	1.8
Arlanda_tunnel.900_Scan_019							
S900S15	146201.275	6614892.263	23.432	1.6	2.0	-2.0	1.2
S900S16	146202.144	6614889.205	23.782	0.1	2.8	1.5	1.3
S900S17	146200.685	6614889.369	23.423	-3.1	4.2	-3.2	1.0
S900S19	146200.693	6614886.364	24.098	-1.1	-1.7	2.4	1.7
S900S20	146200.965	6614883.307	23.210	0.2	3.1	1.6	1.1
S900S21	146199.528	6614883.462	23.413	-1.2	1.8	-1.5	0.6
S900S22	146198.921	6614880.562	23.402	-1.0	3.3	-2.0	0.8
Arlanda_tunnel.900_Scan_020							
S900S14	146203.322	6614895.062	23.221	3.1	3.1	3.4	2.2
S900S15	146201.272	6614892.263	23.432	-1.4	2.3	-1.8	3.2
S900S16	146202.147	6614889.205	23.783	2.6	3.1	2.7	2.2
S900S17	146200.683	6614889.369	23.422	-4.9	3.6	-3.9	2.3
S900S19	146200.695	6614886.364	24.098	1.3	-2.0	2.1	3.4
S900S20	146200.965	6614883.308	23.208	0.3	3.9	0.2	1.1
S900S21	146199.528	6614883.462	23.414	-0.8	2.1	-0.9	1.6
S900S22	146198.920	6614880.562	23.402	-1.7	2.8	-2.5	1.9
S900S23	146199.757	6614877.427	23.168	-1.4	-2.1	-6.0	7.2
Arlanda_tunnel.900_Scan_021							
S900S17	146200.687	6614889.368	23.421	-1.3	2.7	-5.1	3.1
S900S19	146200.691	6614886.365	24.095	-3.0	-1.3	-0.5	2.7
S900S20	146200.965	6614883.308	23.209	-0.4	4.3	1.0	0.7
S900S21	146199.528	6614883.462	23.414	-1.2	1.7	-0.7	1.5
S900S22	146198.921	6614880.562	23.405	-1.1	3.2	1.1	3.3
S900S23	146199.759	6614877.429	23.174	1.3	-0.0	0.3	7.2

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_055							
S900S53	146187.149	6614821.722	23.307	2.6	-3.6	-1.7	2.1
S900S54	146186.545	6614818.770	23.303	0.7	-0.8	-0.6	0.5
S900S55	146187.973	6614818.652	23.470	0.3	-0.9	4.9	1.2
S900S56	146185.957	6614815.769	23.310	1.5	0.0	0.5	2.0
S900S57	146186.799	6614812.741	23.630	0.6	4.0	1.3	0.9
S900S58	146185.351	6614812.750	23.298	0.1	-0.6	-1.9	1.2
S900S60	146186.746	6614815.832	24.001	-0.3	-0.4	0.1	1.3
S900S62	146192.183	6614815.316	22.999	-1.8	0.2	-0.7	1.0
<i>Sphere61</i>	146188.875	6614818.536	23.867	-0.1	0.3	0.9	1.2
<i>Sphere64</i>	146187.702	6614812.649	23.853	0.0	0.6	-0.6	1.1
Arlanda_tunnel.900_Scan_056							
S900S53	146187.149	6614821.724	23.308	2.6	-1.6	-1.1	1.3
S900S54	146186.545	6614818.771	23.304	0.8	-0.3	0.1	1.4
S900S55	146187.973	6614818.652	23.470	0.2	-0.6	4.9	0.9
S900S56	146185.955	6614815.769	23.309	0.0	-0.1	0.1	1.6
S900S57	146186.799	6614812.740	23.630	0.8	2.6	1.4	1.6
S900S58	146185.351	6614812.751	23.299	-0.0	-0.1	-1.3	0.6
S900S60	146186.746	6614815.831	24.002	0.2	-0.9	0.5	0.7
S900S62	146192.184	6614815.316	22.999	-1.4	0.4	-0.6	0.7
S900S63	146197.428	6614813.757	23.883	-1.4	1.2	-2.8	3.1
Arlanda_tunnel.900_Scan_057							
S900S53	146187.148	6614821.724	23.309	2.1	-2.0	-0.4	1.2
S900S54	146186.544	6614818.770	23.304	0.5	-0.8	0.4	1.5
S900S55	146187.974	6614818.652	23.471	0.7	-1.1	5.6	2.0
S900S56	146185.956	6614815.769	23.307	0.7	-0.4	-1.7	0.7
S900S57	146186.798	6614812.740	23.631	-0.1	3.2	2.1	0.8
S900S58	146185.351	6614812.752	23.299	0.1	0.6	-1.3	0.6
S900S60	146186.747	6614815.831	24.002	0.7	-0.8	1.3	1.1
S900S62	146192.184	6614815.316	22.999	-1.3	0.3	-0.8	1.0
S900S63	146197.427	6614813.757	23.883	-2.0	1.5	-2.5	2.6
Arlanda_tunnel.900_Scan_058							
S900S54	146186.546	6614818.770	23.302	1.7	-1.3	-2.2	2.0
S900S55	146187.970	6614818.654	23.470	-2.8	1.5	4.7	4.0
S900S56	146185.956	6614815.768	23.308	1.0	-1.4	-0.9	1.2
S900S57	146186.798	6614812.742	23.632	-0.3	4.6	2.9	1.7
S900S58	146185.351	6614812.751	23.299	0.5	0.1	-0.9	0.6
S900S59	146184.202	6614806.939	23.293	1.1	-0.1	-1.1	1.1
S900S60	146186.747	6614815.831	24.001	1.2	-0.7	0.1	0.6
<i>Sphere64</i>	146187.701	6614812.649	23.855	-0.7	0.3	0.8	1.3

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_059							
S900S56	146185.956	6614815.769	23.308	0.5	-0.2	-1.0	0.3
S900S57	146186.798	6614812.741	23.631	0.2	3.9	1.7	0.4
S900S58	146185.352	6614812.751	23.299	0.7	0.3	-0.7	0.8
S900S59	146184.202	6614806.939	23.294	0.9	0.0	-0.5	0.4
S900S60	146186.747	6614815.831	24.001	0.7	-1.2	-0.2	0.9
Arlanda_tunnel.900_Scan_060							
S900S54	146186.545	6614818.770	23.303	0.6	-0.6	-1.4	0.7
S900S56	146185.956	6614815.768	23.308	0.6	-1.3	-1.4	1.1
S900S57	146186.799	6614812.741	23.631	0.6	3.7	2.5	0.7
S900S58	146185.351	6614812.751	23.299	0.3	0.1	-0.9	0.5
S900S59	146184.201	6614806.940	23.294	0.2	0.7	-0.1	1.3
S900S60	146186.747	6614815.832	24.001	0.8	-0.2	0.2	0.6
Arlanda_tunnel.900_Scan_061							
S900S54	146186.544	6614818.770	23.303	-0.1	-1.2	-1.1	0.8
S900S56	146185.955	6614815.769	23.308	0.4	-0.2	-0.8	0.6
S900S58	146185.352	6614812.752	23.298	0.7	0.6	-1.9	0.9
S900S60	146186.748	6614815.831	24.002	1.6	-0.7	0.6	1.1
S900S61	146188.843	6614818.223	23.026	-0.3	-2.4	0.7	0.5
S900S62	146192.183	6614815.317	23.000	-1.8	0.8	-0.2	0.8
S900S63	146197.427	6614813.757	23.886	-1.9	0.7	-0.3	0.9
S900S64	146191.762	6614813.359	22.999	-1.8	0.0	-0.4	0.6
S900S65	146187.768	6614812.795	22.958	0.1	0.0	0.1	1.4
Arlanda_tunnel.900_Scan_062							
S900S56	146185.956	6614815.769	23.307	1.2	-0.1	-2.0	1.3
S900S62	146192.184	6614815.316	23.001	-0.6	-0.1	1.0	1.5
S900S63	146197.425	6614813.757	23.886	-4.1	1.4	0.4	2.5
<i>Sphere61</i>	146188.874	6614818.536	23.865	-0.3	-0.2	-0.3	0.6
<i>Sphere64</i>	146187.702	6614812.648	23.853	-0.2	-0.1	-0.5	0.7
Arlanda_tunnel.900_Scan_063							
S900S56	146185.956	6614815.769	23.307	0.9	-0.1	-2.3	1.5
S900S63	146197.426	6614813.757	23.889	-2.7	0.8	2.7	4.0
<i>Sphere61</i>	146188.874	6614818.536	23.865	-0.3	-0.1	-1.0	1.3
<i>Sphere64</i>	146187.702	6614812.648	23.854	0.4	-0.3	0.1	0.6
Arlanda_tunnel.900_Scan_064							
S900S54	146186.544	6614818.770	23.302	0.3	-0.9	-1.9	1.1
S900S61	146188.842	6614818.222	23.025	-0.6	-3.1	0.1	0.7
S900S62	146192.184	6614815.316	23.000	-1.2	0.4	0.1	0.2
S900S64	146191.762	6614813.360	22.999	-2.3	0.6	0.1	0.9
S900S65	146187.768	6614812.797	22.959	0.3	1.5	1.1	1.6
<i>Sphere64</i>	146187.702	6614812.648	23.854	0.4	-0.5	0.2	0.9

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_065							
S900S61	146188.843	6614818.223	23.025	-0.4	-2.3	-0.4	1.2
S900S62	146192.184	6614815.316	23.001	-1.2	0.2	1.1	1.2
S900S65	146187.768	6614812.796	22.957	0.2	0.7	-0.9	1.2
Arlanda_tunnel.900_Scan_066							
S900S54	146186.543	6614818.770	23.303	-0.7	-1.2	-0.9	1.4
S900S58	146185.352	6614812.751	23.298	0.9	0.4	-2.0	0.9
S900S61	146188.843	6614818.222	23.026	0.3	-2.9	1.0	1.1
S900S62	146192.183	6614815.316	23.000	-1.5	0.2	0.2	0.3
S900S64	146191.762	6614813.359	22.998	-2.3	0.1	-0.5	0.5
S900S65	146187.769	6614812.797	22.958	0.7	1.7	0.1	0.9
<i>Sphere61</i>	<i>146188.875</i>	<i>6614818.536</i>	<i>23.866</i>	<i>0.5</i>	<i>0.0</i>	<i>-0.2</i>	<i>0.7</i>
Arlanda_tunnel.900_Scan_067							
S900S61	146188.842	6614818.222	23.026	-0.6	-3.1	0.7	0.7
S900S65	146187.768	6614812.797	22.957	0.5	1.6	-1.0	1.2
<i>Sphere61</i>	<i>146188.875</i>	<i>6614818.536</i>	<i>23.866</i>	<i>0.2</i>	<i>-0.1</i>	<i>0.6</i>	<i>0.7</i>
Arlanda_tunnel.900_Scan_070							
S900S16	146202.128	6614889.203	23.779	-15.9	0.5	-1.2	1.2
S900S19	146200.678	6614886.361	24.098	-15.5	-5.4	2.4	2.4
S900S21	146199.518	6614883.456	23.417	-11.4	-3.8	1.6	1.2
S900S22	146198.913	6614880.557	23.408	-8.8	-2.4	4.1	3.0
S900S23	146199.753	6614877.425	23.178	-4.7	-4.1	3.6	1.8
S900S26	146197.933	6614872.001	24.071	-1.9	-7.4	-1.6	3.2
Arlanda_tunnel.900_Scan_071							
S900S16	146202.127	6614889.203	23.779	-17.0	0.8	-1.0	1.2
S900S19	146200.678	6614886.362	24.098	-15.9	-4.1	1.7	0.7
S900S20	146200.954	6614883.304	23.209	-11.1	-0.5	1.5	2.5
S900S21	146199.517	6614883.456	23.416	-11.8	-3.7	1.0	0.6
S900S22	146198.912	6614880.556	23.407	-9.9	-3.3	2.9	1.9
S900S23	146199.754	6614877.424	23.177	-4.3	-5.0	3.4	1.3
S900S25	146198.581	6614871.531	23.743	-0.5	-5.4	-2.6	3.7
S900S26	146197.932	6614872.002	24.074	-2.7	-6.0	1.3	1.1
Arlanda_tunnel.900_Scan_072							
S900S19	146200.679	6614886.363	24.096	-15.0	-2.8	0.2	2.8
S900S20	146200.954	6614883.304	23.210	-11.4	-0.3	1.8	2.7
S900S21	146199.518	6614883.457	23.415	-11.1	-2.8	0.1	1.6
S900S22	146198.912	6614880.557	23.406	-9.5	-2.4	1.9	1.5
S900S23	146199.754	6614877.424	23.178	-4.4	-5.3	4.0	1.9
S900S25	146198.580	6614871.530	23.745	-2.0	-5.9	-0.9	1.6
S900S26	146197.933	6614872.001	24.074	-1.8	-6.6	0.5	0.8

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_073							
S900S20	146200.953	6614883.304	23.207	-12.0	-0.1	-1.1	1.1
S900S22	146198.914	6614880.554	23.404	-7.8	-4.9	0.3	2.9
S900S23	146199.753	6614877.423	23.177	-5.3	-5.7	3.4	1.4
S900S24	146197.149	6614871.634	23.387	-1.7	-2.5	0.1	1.0
S900S25	146198.580	6614871.532	23.747	-1.6	-4.1	1.3	1.5
S900S26	146197.934	6614872.001	24.075	-1.5	-7.5	2.3	1.7
S900S27	146196.566	6614868.717	23.378	1.2	-2.8	-0.1	1.7
S900S29	146195.944	6614865.779	23.381	2.2	-4.7	-1.4	1.5
Arlanda_tunnel.900_Scan_074							
S900S20	146200.954	6614883.304	23.207	-11.2	0.4	-1.0	0.9
S900S22	146198.914	6614880.555	23.405	-8.3	-3.7	0.9	1.3
S900S23	146199.753	6614877.423	23.178	-4.7	-5.6	3.8	1.6
S900S24	146197.149	6614871.634	23.387	-2.3	-2.9	0.4	0.7
S900S25	146198.581	6614871.531	23.748	-1.4	-5.3	1.7	1.7
S900S26	146197.933	6614872.002	24.076	-1.5	-6.4	2.8	1.8
S900S27	146196.565	6614868.717	23.378	0.2	-3.5	-0.2	2.0
S900S28	146197.403	6614865.671	22.992	3.9	-1.8	2.8	1.6
S900S29	146195.944	6614865.779	23.380	1.7	-5.3	-1.9	2.3
Arlanda_tunnel.900_Scan_075							
S900S20	146200.954	6614883.305	23.205	-11.4	0.8	-3.1	3.5
S900S22	146198.914	6614880.555	23.405	-8.2	-3.6	0.9	1.3
S900S23	146199.753	6614877.423	23.175	-4.6	-5.6	1.5	1.2
S900S24	146197.149	6614871.634	23.387	-2.0	-2.9	0.0	0.5
S900S25	146198.580	6614871.531	23.748	-1.5	-5.3	2.0	2.0
S900S26	146197.934	6614872.002	24.075	-1.2	-5.9	2.4	1.6
S900S27	146196.565	6614868.717	23.378	0.5	-3.5	0.4	1.6
S900S28	146197.402	6614865.670	22.993	3.2	-2.7	4.2	0.9
S900S29	146195.944	6614865.779	23.381	1.8	-5.2	-0.6	1.1
Arlanda_tunnel.900_Scan_076							
S900S25	146198.578	6614871.531	23.745	-3.7	-5.0	-1.1	2.6
S900S26	146197.932	6614872.003	24.072	-3.2	-5.3	-1.4	3.5
S900S27	146196.571	6614868.713	23.378	6.5	-6.5	-0.4	6.0
S900S28	146197.400	6614865.671	22.994	1.4	-1.7	5.2	2.3
S900S29	146195.946	6614865.779	23.383	4.3	-4.7	0.9	2.3
S900S30	146195.195	6614862.893	23.986	3.4	-4.1	1.4	2.3
S900S31	146194.786	6614859.897	23.374	3.0	-3.5	0.3	0.6
S900S32	146196.222	6614859.779	22.982	0.7	-4.4	2.4	3.8
S900S33	146194.219	6614856.966	23.364	5.2	-2.7	-0.5	1.6

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_077							
S900S23	146199.753	6614877.423	23.175	-4.9	-5.8	0.5	2.3
S900S24	146197.149	6614871.633	23.387	-2.0	-4.0	0.0	0.8
S900S25	146198.580	6614871.530	23.747	-2.4	-5.6	1.3	1.4
S900S26	146197.933	6614872.002	24.075	-1.7	-5.7	1.8	1.1
S900S27	146196.566	6614868.717	23.381	1.2	-3.0	3.0	3.4
S900S28	146197.402	6614865.672	22.994	2.9	-1.3	5.0	1.5
S900S29	146195.944	6614865.780	23.382	1.6	-4.3	0.2	1.1
S900S30	146195.195	6614862.892	23.984	3.3	-4.6	-0.7	0.8
S900S31	146194.787	6614859.896	23.371	4.1	-4.9	-2.9	3.8
S900S32	146196.227	6614859.778	22.978	6.5	-4.9	-1.7	4.9
Arlanda_tunnel.900_Scan_078							
S900S24	146197.149	6614871.633	23.386	-2.1	-3.7	-0.6	1.0
S900S25	146198.580	6614871.531	23.747	-2.2	-4.6	0.6	0.6
S900S26	146197.934	6614872.002	24.074	-1.1	-6.5	1.5	0.8
S900S27	146196.565	6614868.715	23.379	-0.2	-4.7	1.1	2.4
S900S28	146197.403	6614865.672	22.993	3.5	-1.4	4.1	0.9
S900S29	146195.945	6614865.780	23.382	2.6	-4.5	-0.3	0.3
S900S30	146195.197	6614862.892	23.984	4.8	-5.2	-1.5	1.5
Arlanda_tunnel.900_Scan_079							
S900S27	146196.567	6614868.716	23.377	2.2	-4.3	-0.8	1.4
S900S28	146197.401	6614865.670	22.994	2.1	-3.1	5.1	2.1
S900S29	146195.945	6614865.780	23.383	2.6	-4.3	0.7	1.0
S900S30	146195.195	6614862.892	23.985	3.0	-4.5	0.3	1.4
S900S31	146194.786	6614859.898	23.374	2.8	-3.2	0.2	0.6
S900S32	146196.225	6614859.779	22.982	4.3	-4.2	2.1	1.3
S900S33	146194.218	6614856.966	23.364	4.1	-2.7	-1.3	1.5
S900S34	146194.886	6614856.539	24.080	5.7	-1.9	0.1	2.3
Arlanda_tunnel.900_Scan_080							
S900S23	146199.752	6614877.424	23.173	-5.8	-4.7	-0.6	3.7
S900S24	146197.149	6614871.633	23.388	-2.1	-3.7	0.6	0.8
S900S25	146198.580	6614871.532	23.747	-2.2	-4.2	0.6	1.1
S900S26	146197.934	6614872.001	24.075	-1.1	-7.0	2.1	1.5
S900S27	146196.565	6614868.715	23.378	0.5	-4.5	-0.0	1.5
S900S28	146197.403	6614865.671	22.994	3.7	-1.5	4.9	1.5
S900S29	146195.945	6614865.780	23.382	2.8	-4.5	0.3	0.6
S900S30	146195.197	6614862.891	23.984	4.6	-5.5	-0.6	1.1

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_081							
S900S27	146196.568	6614868.715	23.378	3.4	-5.1	-0.1	2.2
S900S28	146197.402	6614865.671	22.994	2.8	-2.3	4.7	1.1
S900S29	146195.945	6614865.780	23.383	3.1	-4.4	1.1	1.5
S900S30	146195.195	6614862.893	23.985	2.8	-4.1	0.3	1.7
S900S31	146194.785	6614859.898	23.374	2.3	-2.7	0.4	1.4
S900S32	146196.225	6614859.779	22.981	4.2	-3.6	0.6	1.1
S900S33	146194.217	6614856.967	23.365	2.9	-2.4	-0.3	1.5
S900S34	146194.884	6614856.539	24.082	4.0	-2.3	1.7	0.7
S900S35	146195.057	6614853.904	23.641	4.5	-7.9	-0.9	4.9
Arlanda_tunnel.900_Scan_082							
S900S28	146197.402	6614865.671	22.992	2.9	-2.3	2.8	1.3
S900S30	146195.197	6614862.891	23.983	5.2	-5.8	-1.6	2.2
S900S31	146194.787	6614859.897	23.374	3.5	-3.6	-0.4	0.5
S900S32	146196.224	6614859.779	22.982	3.0	-4.5	2.1	1.4
S900S33	146194.218	6614856.967	23.367	4.4	-1.8	2.4	3.1
S900S34	146194.884	6614856.539	24.082	4.0	-1.9	2.3	1.0
S900S35	146195.055	6614853.906	23.645	2.3	-5.7	2.9	1.0
S900S36	146193.019	6614851.087	23.363	4.7	0.1	-2.2	1.6
Arlanda_tunnel.900_Scan_083							
S900S30	146195.196	6614862.892	23.983	4.2	-4.7	-1.6	1.3
S900S31	146194.786	6614859.898	23.374	3.1	-2.8	0.1	0.8
S900S33	146194.217	6614856.966	23.367	3.4	-3.1	1.6	1.9
S900S34	146194.885	6614856.539	24.084	4.5	-2.4	4.1	2.6
S900S35	146195.056	6614853.906	23.645	2.9	-6.2	3.1	0.9
S900S36	146193.019	6614851.088	23.363	4.6	1.4	-1.7	1.8
S900S37	146192.257	6614848.232	23.646	2.9	-0.2	-2.1	2.6
S900S38	146193.854	6614848.020	23.130	4.4	-1.8	-1.9	2.4
Arlanda_tunnel.900_Scan_084							
S900S28	146197.402	6614865.672	22.989	3.4	-1.2	-0.1	4.5
S900S30	146195.196	6614862.893	23.985	4.4	-4.5	-0.1	0.7
S900S31	146194.786	6614859.898	23.375	3.4	-2.9	1.1	1.6
S900S32	146196.224	6614859.780	22.981	3.1	-3.2	1.4	1.3
S900S33	146194.217	6614856.966	23.366	3.3	-3.1	0.7	1.1
S900S34	146194.886	6614856.539	24.083	5.7	-2.2	2.6	1.5
S900S35	146195.056	6614853.907	23.645	2.7	-5.4	3.4	1.6
S900S36	146193.019	6614851.087	23.365	4.6	0.1	-0.1	1.2
S900S37	146192.257	6614848.231	23.649	2.6	-1.4	0.7	2.2
S900S38	146193.853	6614848.020	23.130	3.3	-1.7	-2.4	1.7

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_085							
S900S33	146194.219	6614856.964	23.364	5.4	-5.2	-1.0	3.1
S900S34	146194.883	6614856.539	24.081	2.8	-2.1	0.9	2.4
S900S35	146195.055	6614853.906	23.644	1.7	-5.6	2.3	1.4
S900S36	146193.020	6614851.088	23.367	6.3	1.0	2.2	3.9
S900S37	146192.258	6614848.232	23.649	3.9	0.3	0.7	0.7
S900S38	146193.853	6614848.022	23.131	3.0	-0.3	-0.8	1.1
S900S39	146191.860	6614845.247	23.352	3.3	1.3	-2.2	1.2
S900S41	146192.680	6614842.169	22.970	2.2	1.1	1.3	2.3
Arlanda_tunnel.900_Scan_086							
S900S33	146194.218	6614856.966	23.364	3.7	-3.3	-1.0	1.2
S900S34	146194.885	6614856.538	24.081	5.2	-2.9	0.9	1.3
S900S36	146193.019	6614851.087	23.366	4.5	0.0	1.0	2.2
S900S37	146192.257	6614848.232	23.649	3.2	0.3	1.4	1.5
S900S38	146193.854	6614848.021	23.131	3.6	-0.8	-1.0	1.3
S900S39	146191.859	6614845.248	23.352	2.4	1.8	-1.8	1.5
S900S41	146192.682	6614842.169	22.971	3.6	1.1	1.6	1.8
Arlanda_tunnel.900_Scan_087							
S900S33	146194.218	6614856.965	23.364	3.5	-3.6	-0.6	1.0
S900S34	146194.885	6614856.538	24.082	5.0	-2.7	1.7	0.7
S900S35	146195.056	6614853.906	23.645	2.7	-6.0	3.1	1.0
S900S36	146193.019	6614851.087	23.364	4.8	-0.2	-0.7	0.6
S900S37	146192.257	6614848.233	23.649	3.5	1.0	1.4	1.7
S900S38	146193.853	6614848.021	23.131	3.2	-0.8	-0.7	1.4
S900S39	146191.859	6614845.248	23.353	2.0	1.6	-0.8	1.8
S900S41	146192.682	6614842.169	22.969	4.2	0.9	0.2	3.5
Arlanda_tunnel.900_Scan_088							
S900S36	146193.020	6614851.085	23.361	5.8	-1.9	-3.7	3.9
S900S37	146192.258	6614848.233	23.648	3.7	0.5	-0.0	0.5
S900S38	146193.851	6614848.023	23.130	0.6	0.9	-1.8	2.9
S900S39	146191.861	6614845.247	23.355	3.8	1.0	0.6	2.5
S900S41	146192.682	6614842.170	22.973	3.8	2.1	4.2	1.6
S900S42	146190.671	6614839.366	23.341	0.7	3.2	-0.7	1.2
S900S44	146191.501	6614836.258	23.641	1.8	0.3	-2.8	1.9

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_089							
S900S36	146193.020	6614851.087	23.363	5.9	0.2	-2.1	1.6
S900S37	146192.258	6614848.232	23.649	3.7	0.2	0.8	0.8
S900S38	146193.852	6614848.022	23.131	2.1	-0.3	-0.9	1.1
S900S39	146191.860	6614845.246	23.355	2.5	0.2	0.6	2.4
S900S41	146192.681	6614842.170	22.973	3.4	2.1	4.3	1.5
S900S42	146190.671	6614839.366	23.340	1.4	3.4	-1.8	1.6
S900S43	146190.362	6614837.635	23.345	1.8	1.7	-2.4	2.3
S900S44	146191.501	6614836.259	23.641	1.9	0.7	-3.4	1.8
Arlanda_tunnel.900_Scan_090							
S900S36	146193.019	6614851.087	23.364	5.1	0.5	-1.1	0.5
S900S37	146192.258	6614848.232	23.649	3.6	-0.0	0.5	0.5
S900S38	146193.853	6614848.022	23.129	3.1	-0.4	-2.8	1.3
S900S39	146191.859	6614845.246	23.352	2.3	0.3	-1.5	0.8
S900S41	146192.682	6614842.170	22.973	3.6	1.7	4.0	1.1
S900S42	146190.671	6614839.365	23.341	1.2	2.2	-0.9	0.3
Arlanda_tunnel.900_Scan_091							
S900S37	146192.260	6614848.232	23.646	5.6	0.4	-2.2	3.5
S900S38	146193.851	6614848.023	23.129	1.0	0.6	-3.2	2.8
S900S39	146191.860	6614845.245	23.352	3.4	-1.1	-2.1	2.1
S900S41	146192.680	6614842.169	22.974	2.3	1.2	4.8	2.0
S900S42	146190.672	6614839.366	23.343	1.9	2.6	1.5	2.7
S900S43	146190.362	6614837.636	23.347	2.0	2.9	-0.1	1.0
S900S44	146191.501	6614836.260	23.643	1.6	2.4	-1.4	1.1
S900S46	146189.907	6614833.471	24.021	1.7	2.7	-1.4	1.1
Arlanda_tunnel.900_Scan_092							
S900S39	146191.860	6614845.246	23.351	3.3	-0.2	-2.8	1.8
S900S41	146192.680	6614842.169	22.973	2.5	1.2	4.1	1.3
S900S42	146190.671	6614839.365	23.342	0.9	2.2	0.4	1.4
S900S43	146190.362	6614837.636	23.347	2.3	3.2	0.1	1.3
S900S44	146191.501	6614836.259	23.643	2.3	1.4	-1.3	1.4
S900S45	146190.204	6614836.122	23.661	4.1	3.0	-0.1	0.6
S900S46	146189.907	6614833.472	24.021	1.7	4.0	-1.2	1.1
S900S47	146189.484	6614833.409	23.325	1.9	2.4	-2.1	1.5
S900S48	146190.328	6614830.374	23.084	0.8	4.3	-1.3	1.2

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_093							
S900S39	146191.860	6614845.246	23.353	2.8	0.2	-1.3	0.5
S900S41	146192.681	6614842.170	22.973	3.3	2.3	3.6	1.0
S900S42	146190.671	6614839.365	23.341	1.4	2.0	-0.9	0.4
S900S43	146190.362	6614837.636	23.347	2.2	2.6	0.3	1.0
S900S44	146191.501	6614836.260	23.643	2.2	2.0	-1.5	1.1
S900S45	146190.204	6614836.122	23.661	4.4	2.9	0.1	0.6
S900S46	146189.906	6614833.471	24.021	1.3	3.1	-0.7	0.6
S900S47	146189.484	6614833.409	23.326	1.8	2.1	-1.4	0.9
S900S48	146190.327	6614830.374	23.083	0.5	3.8	-2.3	2.3
Arlanda_tunnel.900_Scan_094							
S900S39	146191.861	6614845.246	23.351	3.7	0.5	-3.5	2.4
S900S41	146192.680	6614842.169	22.972	2.1	1.4	3.3	1.2
S900S42	146190.671	6614839.365	23.341	1.0	2.2	-0.8	0.4
S900S43	146190.362	6614837.635	23.348	2.5	1.7	0.5	1.4
S900S44	146191.501	6614836.260	23.643	1.9	2.4	-1.1	1.5
S900S45	146190.205	6614836.122	23.662	4.7	2.7	0.6	1.0
S900S46	146189.907	6614833.472	24.022	1.8	3.7	-0.4	0.5
S900S47	146189.484	6614833.408	23.326	1.9	1.5	-1.1	0.6
S900S48	146190.327	6614830.375	23.084	0.4	4.9	-1.4	0.9
Arlanda_tunnel.900_Scan_095							
S900S43	146190.362	6614837.634	23.346	2.5	1.2	-1.5	1.6
S900S44	146191.501	6614836.260	23.642	2.2	2.2	-1.8	0.9
S900S45	146190.204	6614836.120	23.661	3.8	1.4	-0.2	1.4
S900S46	146189.906	6614833.472	24.022	1.4	4.1	-0.2	1.2
S900S47	146189.484	6614833.409	23.328	2.2	1.8	0.7	1.8
S900S48	146190.327	6614830.376	23.085	0.5	6.1	-0.2	1.5
S900S49	146188.127	6614827.640	23.609	-0.8	3.1	-2.2	1.8
S900S50	146188.812	6614826.903	24.011	-0.9	2.2	-0.7	1.2
Arlanda_tunnel.900_Scan_096							
S900S42	146190.672	6614839.364	23.340	2.1	1.1	-2.1	2.2
S900S43	146190.362	6614837.635	23.346	2.5	1.9	-0.7	0.5
S900S44	146191.500	6614836.261	23.643	1.2	2.6	-1.5	1.3
S900S45	146190.204	6614836.122	23.662	3.7	2.7	0.8	1.3
S900S46	146189.907	6614833.472	24.022	2.2	3.5	0.5	1.3
S900S47	146189.484	6614833.409	23.328	2.4	2.1	0.9	2.1
S900S48	146190.327	6614830.376	23.085	0.1	6.3	-0.1	1.6
S900S49	146188.127	6614827.640	23.610	-0.8	2.6	-1.4	1.1
S900S50	146188.812	6614826.904	24.011	-1.0	3.2	-1.1	1.0
S900S51	146187.952	6614825.341	23.162	-5.7	3.2	-0.7	2.8

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_097							
S900S42	146190.672	6614839.365	23.340	1.6	2.3	-1.8	1.2
S900S43	146190.362	6614837.636	23.346	2.0	2.9	-0.8	0.8
S900S44	146191.500	6614836.259	23.640	1.2	1.3	-4.3	2.4
S900S45	146190.204	6614836.121	23.661	4.0	2.1	0.4	0.8
S900S46	146189.907	6614833.471	24.023	2.5	3.1	0.6	1.5
S900S47	146189.484	6614833.409	23.326	2.3	2.1	-0.7	0.4
S900S48	146190.328	6614830.375	23.085	0.7	4.9	0.4	1.3
S900S49	146188.127	6614827.640	23.611	-0.7	2.9	-0.2	0.5
S900S50	146188.812	6614826.905	24.012	-1.2	4.1	-0.1	1.0
S900S51	146187.952	6614825.342	23.164	-5.8	3.6	1.5	0.8
Arlanda_tunnel.900_Scan_098							
S900S44	146191.499	6614836.261	23.640	-0.2	3.3	-3.5	2.9
S900S45	146190.206	6614836.122	23.658	5.6	2.7	-2.7	3.3
S900S46	146189.907	6614833.470	24.021	2.2	2.2	-0.9	1.2
S900S47	146189.485	6614833.408	23.325	2.7	0.7	-1.6	1.5
S900S48	146190.326	6614830.375	23.085	-0.6	4.8	0.4	1.5
S900S49	146188.128	6614827.641	23.612	0.5	3.5	1.2	2.3
S900S50	146188.812	6614826.904	24.013	-1.5	3.5	1.1	1.6
S900S51	146187.952	6614825.342	23.165	-5.7	4.3	1.9	0.5
S900S52	146189.133	6614824.484	23.034	-0.8	3.0	-0.8	1.8
S900S53	146187.144	6614821.730	23.308	-1.6	3.9	-1.3	0.4
S900S55	146187.970	6614818.658	23.463	-2.6	5.1	-2.4	2.0
Arlanda_tunnel.900_Scan_099							
S900S46	146189.907	6614833.470	24.021	2.2	2.4	-1.4	1.3
S900S47	146189.485	6614833.409	23.325	2.7	2.0	-1.8	1.1
S900S48	146190.327	6614830.374	23.085	-0.4	4.2	-0.0	1.3
S900S49	146188.127	6614827.640	23.612	-0.8	2.9	1.2	2.0
S900S50	146188.812	6614826.905	24.013	-1.2	4.2	0.7	1.5
S900S51	146187.952	6614825.343	23.165	-5.5	5.5	2.5	1.7
S900S52	146189.133	6614824.483	23.034	-0.7	2.0	-0.9	1.7
S900S53	146187.144	6614821.731	23.307	-1.6	5.1	-2.2	1.6
S900S54	146186.540	6614818.775	23.300	-4.2	4.5	-4.0	2.8
S900S55	146187.971	6614818.658	23.463	-2.4	4.7	-2.0	2.0

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_100							
S900S46	146189.907	6614833.471	24.021	1.7	3.4	-0.6	0.2
S900S47	146189.484	6614833.409	23.326	2.5	1.6	-1.1	0.4
S900S48	146190.327	6614830.375	23.084	0.1	4.9	-1.1	0.5
S900S49	146188.127	6614827.640	23.611	-0.6	3.2	0.5	1.2
S900S50	146188.813	6614826.905	24.012	-0.5	3.8	0.2	1.0
S900S51	146187.952	6614825.343	23.165	-5.7	4.8	2.2	0.9
S900S52	146189.133	6614824.483	23.033	-0.6	2.0	-1.5	1.3
S900S53	146187.144	6614821.730	23.307	-1.8	4.3	-1.5	0.7
S900S54	146186.540	6614818.775	23.301	-4.4	3.8	-2.8	1.9
S900S55	146187.970	6614818.658	23.463	-3.0	5.2	-2.0	1.5
Arlanda_tunnel.900_Scan_101							
S900S49	146188.128	6614827.640	23.609	-0.4	2.7	-1.9	1.5
S900S50	146188.812	6614826.903	24.011	-0.9	2.4	-1.0	1.3
S900S51	146187.952	6614825.342	23.164	-5.6	4.2	1.1	0.4
S900S52	146189.132	6614824.483	23.033	-1.7	2.4	-1.7	0.6
S900S53	146187.144	6614821.730	23.309	-1.8	3.7	0.2	1.9
S900S54	146186.541	6614818.776	23.302	-2.8	5.2	-1.7	1.0
S900S55	146187.970	6614818.660	23.465	-3.1	7.3	-0.1	1.8
S900S56	146185.950	6614815.775	23.307	-4.7	5.9	-1.5	0.8
Arlanda_tunnel.900_Scan_102							
S900S49	146188.128	6614827.640	23.610	-0.4	2.7	-1.4	1.0
S900S50	146188.812	6614826.904	24.011	-0.9	2.9	-0.8	0.8
S900S51	146187.953	6614825.343	23.164	-5.5	4.5	1.5	0.3
S900S52	146189.132	6614824.483	23.033	-2.2	1.9	-1.9	1.1
S900S53	146187.144	6614821.730	23.309	-1.5	4.0	0.1	1.8
S900S54	146186.540	6614818.776	23.303	-3.5	5.5	-1.0	1.4
S900S55	146187.970	6614818.659	23.465	-2.8	5.9	-0.2	0.8
S900S56	146185.951	6614815.776	23.306	-4.3	7.4	-2.5	2.0
S900S57	146186.793	6614812.743	23.628	-5.5	5.7	-0.8	2.0
Arlanda_tunnel.900_Scan_103							
S900S49	146188.128	6614827.640	23.610	-0.4	3.1	-0.9	0.4
S900S50	146188.812	6614826.903	24.012	-0.7	2.4	0.1	1.0
S900S51	146187.952	6614825.343	23.165	-5.7	4.6	1.9	0.5
S900S52	146189.132	6614824.483	23.032	-1.9	2.0	-3.2	1.3
S900S53	146187.144	6614821.730	23.308	-1.8	4.1	-1.4	0.5
S900S54	146186.540	6614818.776	23.303	-3.5	4.8	-0.9	1.0
S900S55	146187.970	6614818.660	23.465	-3.0	6.7	0.0	1.4
S900S56	146185.951	6614815.776	23.307	-4.4	6.7	-2.0	1.0
S900S57	146186.793	6614812.743	23.629	-5.4	6.0	-0.1	1.2
S900S58	146185.346	6614812.758	23.297	-5.5	7.1	-3.3	1.3

Name	X	Y	Z	dX	dY	dZ	Dist.
Arlanda_tunnel.900_Scan_104							
S900S52	146189.132	6614824.483	23.031	-2.4	2.4	-3.6	2.0
S900S53	146187.146	6614821.729	23.306	-0.3	3.3	-2.6	2.0
S900S54	146186.541	6614818.775	23.303	-2.8	4.2	-1.1	1.2
S900S55	146187.970	6614818.659	23.465	-3.4	6.4	-0.1	1.1
S900S56	146185.950	6614815.775	23.309	-4.7	6.2	0.0	1.7
S900S57	146186.791	6614812.745	23.630	-6.5	7.9	1.3	2.5
S900S58	146185.345	6614812.759	23.298	-5.7	7.9	-2.4	0.3
Arlanda_tunnel.900_Scan_105							
S900S52	146189.132	6614824.485	23.032	-1.6	3.9	-3.4	2.2
S900S53	146187.145	6614821.729	23.306	-0.7	2.8	-2.8	2.2
S900S54	146186.541	6614818.775	23.303	-2.8	4.3	-1.0	1.2
S900S55	146187.969	6614818.659	23.465	-3.8	5.9	-0.2	1.2
S900S56	146185.950	6614815.775	23.309	-4.9	6.3	-0.2	1.4
S900S57	146186.792	6614812.743	23.630	-6.1	6.1	1.4	1.4
S900S58	146185.345	6614812.759	23.298	-5.8	8.0	-2.0	1.0