

Registration Report

Project ur555



Cluster Scans



Recording Period 1/1/2002, 12:14:02 AM - 1/1/2002, 2:04:15 AM



Location



Report Date 11/28/2025, 2:28:25 PM

Color Coding

Distance Error  < 20 mm  > 40 mm

Horizontal Error  < 20 mm  > 40 mm

Vertical Error  < 20 mm  > 40 mm

Angular Error  < 0.5 deg  > 1.0 deg

Overview

Target Statistics

Max. Distance Error	17.7 mm
Mean Distance Error	6.6 mm
Max. Horizontal Error	16.8 mm
Mean Horizontal Error	5.5 mm
Max. Vertical Error	8.3 mm
Mean Vertical Error	2.9 mm
Max. Angular Error	-
Mean Angular Error	-

Scan Errors

Target Statistics

Cluster/Scan	Connections	Max. Dist. [mm]	Mean Dist. [mm]	Max. Hor. [mm]	Mean Hor. [mm]	Max. Vert. [mm]	Mean Vert. [mm]	Max. Angle [deg]	Mean Angle [deg]
New_Project_Scan_007	5	13.0	9.3	10.9	8.0	7.3	4.5	-	-
New_Project_Scan_006	4	13.0	5.8	10.8	4.3	7.3	3.2	-	-
New_Project_Scan_005	5	17.7	6.5	16.8	5.3	5.6	3.0	-	-
New_Project_Scan_004	5	16.9	6.3	14.7	5.3	8.3	3.1	-	-
New_Project_Scan_003	2	17.7	17.3	16.8	15.7	8.3	7.0	-	-
New_Project_Scan_008	2	9.3	7.4	7.9	6.9	4.8	2.3	-	-
New_Project_Scan_002	1	2.8	2.8	2.8	2.8	0.1	0.1	-	-
References	6	6.8	3.1	6.7	2.8	2.1	0.9	-	-

Detailed Errors

Target Statistics

Cluster/Scan 1	Target 1	Cluster/Scan 2	Target 2	Dist. [mm]	Hor. [mm]	Ver. [mm]	Angle [deg]
New_Project_Scan_006	Sphere18	New_Project_Scan_004	Sphere18	6.0	5.5	2.3	-
New_Project_Scan_006	Sphere23	New_Project_Scan_004	Sphere23	3.8	1.1	3.6	-
New_Project_Scan_006	Sphere23	New_Project_Scan_007	Sphere23	13.0	10.8	7.3	-
New_Project_Scan_005	Sphere18	New_Project_Scan_004	Sphere18	7.7	7.0	3.2	-
New_Project_Scan_005	Sphere23	New_Project_Scan_004	Sphere23	2.3	2.1	1.0	-
New_Project_Scan_005	Sphere6	New_Project_Scan_003	Sphere6	17.7	16.8	5.6	-
New_Project_Scan_005	Sphere18	New_Project_Scan_006	Sphere18	8.1	8.1	0.9	-
New_Project_Scan_005	Sphere23	New_Project_Scan_006	Sphere23	3.1	1.7	2.6	-
New_Project_Scan_005	Sphere22	New_Project_Scan_006	Sphere22	5.7	1.6	5.5	-
New_Project_Scan_005	Sphere23	New_Project_Scan_007	Sphere23	10.3	9.2	4.7	-
New_Project_Scan_005	K003	References	K003	1.3	1.3	0.1	-
New_Project_Scan_004	Sphere2	New_Project_Scan_005	Sphere22	5.0	3.5	3.6	-
New_Project_Scan_004	Sphere6	New_Project_Scan_005	Sphere6	3.4	2.1	2.7	-
New_Project_Scan_004	Sphere2	New_Project_Scan_006	Sphere22	5.4	5.0	1.9	-
New_Project_Scan_004	Sphere6	New_Project_Scan_003	Sphere6	16.9	14.7	8.3	-
New_Project_Scan_004	K003	References	K003	1.4	1.2	0.8	-
New_Project_Scan_004	Sphere23	New_Project_Scan_007	Sphere23	11.5	10.9	3.6	-
New_Project_Scan_008	Sphere28	New_Project_Scan_007	Sphere28	9.3	7.9	4.8	-
New_Project_Scan_002	K005	References	K005	2.8	2.8	0.1	-
References	K003	New_Project_Scan_006	K003	1.3	0.3	1.2	-
References	G015	New_Project_Scan_007	G015	2.3	1.1	2.1	-
References	G015	New_Project_Scan_008	G015	6.3	6.2	1.0	-
References	K004	New_Project_Scan_008	K004	6.8	6.7	0.9	-

Inclinometer Mismatches

Cluster/Scan	Scan	Mismatch [deg]
New_Project_Scan_007	New_Project_Scan_007	0.0503
New_Project_Scan_008	New_Project_Scan_008	0.0219
New_Project_Scan_005	New_Project_Scan_005	0.0150
New_Project_Scan_004	New_Project_Scan_004	0.0234
New_Project_Scan_006	New_Project_Scan_006	0.0301
New_Project_Scan_003	New_Project_Scan_003	0.0295
New_Project_Scan_002	New_Project_Scan_002	0.0726