





# Registration Report

Project	Lincoln-Cloister
Cluster	Scans
Recording Period	1/1/2002, 12:14:52 AM - 7/29/2019, 2:50:15 PM
Location	
Report Date	8/2/2021, 4:24:58 PM

## Color Coding

Point Error	 < 8 mm	 > 20 mm
Overlap	 > 25.0 %	 < 10.0 %

# Overview

## Scan Point Statistics

Maximum Point Error	3.5 mm
Mean Point Error	1.5 mm
Minimum Overlap	14.8 %

# Scan Errors

## Scan Point Statistics

Cluster/Scan	Connections	Max. Point Error [mm]	Mean Point Error [mm]	Min. Overlap
Linc300_055	5	0.9	0.8	32.4 %
Linc300_023	7	2.5	1.8	18.0 %
Linc300_056	4	1.0	0.8	47.1 %
Linc300_057	4	2.3	1.3	32.9 %
Linc300_058	4	1.5	1.1	18.7 %
Linc300_054	5	1.2	0.9	50.4 %
Linc300_059	5	2.3	1.2	32.9 %
Linc300_060	6	1.5	1.0	18.7 %
Linc300_047	4	1.1	0.9	48.9 %
Linc300_048	4	0.8	0.7	50.6 %
Linc300_049	5	2.3	1.3	34.3 %
Linc300_050	5	2.2	1.2	29.9 %
Linc300_051	4	2.3	1.4	29.9 %
Linc300_052	4	1.4	1.0	47.3 %
Linc300_053	4	1.4	0.9	46.3 %
Linc300_029	7	3.5	2.2	22.1 %
Linc300_028	7	2.1	1.8	19.9 %
Linc300_024	7	2.4	1.8	19.1 %
Linc300_026	7	2.3	1.7	14.8 %
Linc300_027	7	2.8	1.9	16.5 %
Linc300_030	12	2.8	1.7	14.8 %
Linc300_022	7	3.5	2.3	16.7 %

# Detailed Errors

## Scan Point Statistics

Cluster/Scan 1	Cluster/Scan 2	Point Error [mm]	Overlap
Linc300_055	Linc300_056	0.6	63.1 %
Linc300_055	Linc300_060	0.8	60.7 %
Linc300_023	Linc300_028	1.8	65.2 %
Linc300_023	Linc300_030	2.4	18.0 %
Linc300_056	Linc300_060	1.0	61.0 %
Linc300_057	Linc300_055	0.9	41.7 %
Linc300_057	Linc300_056	1.0	55.5 %
Linc300_057	Linc300_058	1.0	69.3 %
Linc300_057	Linc300_059	2.3	32.9 %
Linc300_058	Linc300_055	0.9	32.4 %
Linc300_058	Linc300_056	0.8	47.1 %
Linc300_058	Linc300_060	1.5	18.7 %
Linc300_054	Linc300_060	1.0	65.1 %
Linc300_054	Linc300_048	0.6	56.2 %
Linc300_059	Linc300_055	0.9	61.0 %
Linc300_059	Linc300_054	1.2	50.4 %
Linc300_059	Linc300_060	0.7	61.9 %
Linc300_059	Linc300_030	1.1	66.3 %
Linc300_047	Linc300_054	0.8	58.2 %
Linc300_047	Linc300_048	0.7	78.3 %
Linc300_047	Linc300_030	1.0	53.1 %
Linc300_047	Linc300_049	1.1	48.9 %
Linc300_049	Linc300_052	1.4	56.5 %
Linc300_050	Linc300_048	0.6	50.6 %
Linc300_050	Linc300_049	0.7	61.5 %
Linc300_050	Linc300_052	1.2	47.3 %
Linc300_050	Linc300_051	2.2	29.9 %
Linc300_051	Linc300_049	2.3	34.3 %
Linc300_051	Linc300_052	0.7	62.0 %
Linc300_053	Linc300_049	1.1	49.3 %
Linc300_053	Linc300_050	1.4	46.3 %
Linc300_053	Linc300_051	0.6	47.4 %
Linc300_053	Linc300_052	0.7	63.5 %
Linc300_029	Linc300_023	2.5	52.7 %
Linc300_029	Linc300_028	1.6	86.8 %
Linc300_029	Linc300_024	2.3	45.0 %
Linc300_029	Linc300_027	2.6	49.7 %
Linc300_029	Linc300_022	3.5	50.7 %
Linc300_029	Linc300_030	1.3	22.1 %

Linc300_024	Linc300_023	1.4	87.6 %
Linc300_024	Linc300_028	1.8	66.3 %
Linc300_024	Linc300_027	1.5	78.5 %
Linc300_024	Linc300_030	2.4	19.1 %
Linc300_026	Linc300_023	1.3	78.5 %
Linc300_026	Linc300_029	1.9	44.4 %
Linc300_026	Linc300_028	1.6	68.3 %
Linc300_026	Linc300_024	1.3	80.5 %
Linc300_026	Linc300_027	1.4	86.4 %
Linc300_026	Linc300_022	2.2	86.2 %
Linc300_026	Linc300_030	2.3	14.8 %
Linc300_027	Linc300_023	1.3	84.8 %
Linc300_027	Linc300_028	2.1	65.7 %
Linc300_027	Linc300_030	2.8	16.5 %
Linc300_030	Linc300_054	0.9	54.4 %
Linc300_030	Linc300_060	1.1	52.3 %
Linc300_030	Linc300_048	0.8	52.0 %
Linc300_030	Linc300_028	1.8	19.9 %
Linc300_022	Linc300_023	1.7	86.4 %
Linc300_022	Linc300_028	2.0	65.7 %
Linc300_022	Linc300_024	2.2	79.0 %
Linc300_022	Linc300_027	1.7	98.2 %
Linc300_022	Linc300_030	2.7	16.7 %

# Inclinometer Mismatches

Cluster/Scan	Scan	Mismatch [deg]
Linc300_057	Linc300_057	0.0589
Linc300_047	Linc300_047	0.0635
Linc300_026	Linc300_026	0.0528
Linc300_029	Linc300_029	0.0806
Linc300_022	Linc300_022	1.1139
Linc300_053	Linc300_053	0.0876
Linc300_059	Linc300_059	0.0458
Linc300_024	Linc300_024	0.0415
Linc300_058	Linc300_058	0.0388
Linc300_027	Linc300_027	0.0521
Linc300_050	Linc300_050	0.0492
Linc300_051	Linc300_051	0.0869
Linc300_055	Linc300_055	0.0430
Linc300_023	Linc300_023	0.0429
Linc300_049	Linc300_049	0.0681
Linc300_030	Linc300_030	0.0463
Linc300_056	Linc300_056	0.0386
Linc300_054	Linc300_054	0.0526
Linc300_048	Linc300_048	0.0539
Linc300_028	Linc300_028	0.0687
Linc300_052	Linc300_052	0.0828
Linc300_060	Linc300_060	0.0419