

Status: VALID Registration

Mean Absolute Error:

for Enabled Constraints = 0.002 m

for Disabled Constraints = 0.007 m

Date: 2023.05.19 13:08:38

Database name : Radyne

ScanWorlds

Station-001: SW-001 (Leveled)
Station-002: SW-002 (Leveled)
Station-003: SW-003 (Leveled)
Station-004: SW-004 (Leveled)
Station-005: SW-005 (Leveled)
Station-006: SW-006 (Leveled)
Station-007: SW-007 (Leveled)
Station-008: SW-008 (Leveled)
Station-009: SW-009 (Leveled)
Station-010: SW-010 (Leveled)
Station-011: SW-011 (Leveled)
Station-012: SW-012 (Leveled)
Station-013: SW-013 (Leveled)
Station-014: SW-014 (Leveled)
Station-015: SW-015 (Leveled)

Constraints

Constraint ID	ScanWorld	ScanWorld	Horz	Type	Status	Weight
Overlap Points	Error	Error Vector	Vert			
3	Station-001: SW-001 (Leveled)	Station-002: SW-002 (Leveled)		Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m	(-0.003 , 0.001, 0.000) m	0.003 m	0.000 m		
2	Station-001: SW-001 (Leveled)	Station-002: SW-002 (Leveled)		Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m	(0.000 , -0.001, 0.001) m	0.001 m	0.001 m		
2	Station-001: SW-001 (Leveled)	Station-003: SW-003 (Leveled)		Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m	(0.002 , -0.001, 0.001) m	0.002 m	0.001 m		
1	Station-001: SW-001 (Leveled)	Station-002: SW-002 (Leveled)		Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m	(-0.002 , -0.001, 0.000) m	0.002 m	0.000 m		
1	Station-001: SW-001 (Leveled)	Station-003: SW-003 (Leveled)		Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m	(0.000 , 0.000, 0.000) m	0.000 m	0.000 m		

5	Station-001: SW-001 (Leveled)	Station-002: SW-002 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.001 ,	0.000, 0.000) m 0.001 m	0.000 m		
5	Station-001: SW-001 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.002 ,	0.000, 0.001) m 0.002 m	0.001 m		
4	Station-001: SW-001 (Leveled)	Station-002: SW-002 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.000 ,	0.002, -0.001) m 0.002 m	-0.001 m		
4	Station-001: SW-001 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.001 ,	0.001, -0.001) m 0.002 m	-0.001 m		
4	Station-001: SW-001 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.000 ,	0.000, 0.002) m 0.000 m	0.002 m		
6	Station-001: SW-001 (Leveled)	Station-002: SW-002 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	0.000, 0.001) m 0.000 m	0.001 m		
6	Station-001: SW-001 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.001 ,	0.000, -0.002) m 0.001 m	-0.002 m		
6	Station-001: SW-001 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.002 ,	-0.001, 0.000) m 0.002 m	0.000 m		
1	Station-002: SW-002 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.001 ,	0.000, 0.000) m 0.002 m	0.000 m		
7	Station-002: SW-002 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.002 ,	0.000, -0.002) m 0.002 m	-0.002 m		
7	Station-002: SW-002 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (-0.001 ,	0.002, -0.003) m 0.002 m	-0.003 m		
4	Station-002: SW-002 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (-0.001 ,	-0.001, 0.001) m 0.001 m	0.001 m		
4	Station-002: SW-002 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.004 m (-0.001 ,	-0.002, 0.003) m 0.002 m	0.003 m		
6	Station-002: SW-002 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (-0.001 ,	0.000, -0.002) m 0.001 m	-0.002 m		
6	Station-002: SW-002 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.002 ,	-0.001, -0.001) m 0.002 m	-0.001 m		
5	Station-002: SW-002 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (-0.003 ,	0.000, 0.001) m 0.003 m	0.001 m		
2	Station-002: SW-002 (Leveled)	Station-003: SW-003 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.002 ,	0.000, 0.000) m 0.002 m	0.000 m		
4	Station-003: SW-003 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.000 ,	-0.001, 0.003) m 0.001 m	0.003 m		
8	Station-003: SW-003 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.001 ,	0.001, 0.001) m 0.001 m	0.001 m		
6	Station-003: SW-003 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.004 m (0.003 ,	-0.002, 0.001) m 0.003 m	0.001 m		
9	Station-003: SW-003 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.005 m (-0.002 ,	0.000, -0.004) m 0.003 m	-0.004 m		

9	Station-003: SW-003 (Leveled)	Station-005: SW-005 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.000 ,	-0.001, -0.003) m 0.001 m	-0.003 m		
10	Station-003: SW-003 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.001 ,	0.002, -0.002) m 0.002 m	-0.002 m		
7	Station-003: SW-003 (Leveled)	Station-004: SW-004 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.004 m (-0.003 ,	0.002, -0.001) m 0.004 m	-0.001 m		
11	Station-004: SW-004 (Leveled)	Station-005: SW-005 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.001 ,	0.001, -0.002) m 0.001 m	-0.002 m		
9	Station-004: SW-004 (Leveled)	Station-005: SW-005 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.002 ,	0.000, 0.001) m 0.002 m	0.001 m		
14	Station-005: SW-005 (Leveled)	Station-006: SW-006 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.001 ,	0.001, 0.000) m 0.001 m	0.000 m		
14	Station-005: SW-005 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.001 ,	0.001, 0.001) m 0.002 m	0.001 m		
13	Station-005: SW-005 (Leveled)	Station-006: SW-006 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (-0.001 ,	-0.001, 0.001) m 0.001 m	0.001 m		
13	Station-005: SW-005 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	-0.001, -0.001) m 0.001 m	-0.001 m		
12	Station-005: SW-005 (Leveled)	Station-006: SW-006 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	-0.001, 0.000) m 0.001 m	0.000 m		
12	Station-005: SW-005 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.000 ,	0.000, -0.002) m 0.000 m	-0.002 m		
12	Station-006: SW-006 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.000 ,	0.000, -0.002) m 0.000 m	-0.002 m		
14	Station-006: SW-006 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	0.001, 0.000) m 0.001 m	0.000 m		
16	Station-006: SW-006 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	0.001, 0.001) m 0.001 m	0.001 m		
16	Station-006: SW-006 (Leveled)	Station-008: SW-008 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.002 ,	0.000, 0.001) m 0.002 m	0.001 m		
15	Station-006: SW-006 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	0.000, 0.001) m 0.001 m	0.001 m		
15	Station-006: SW-006 (Leveled)	Station-008: SW-008 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.004 m (0.004 ,	0.000, -0.001) m 0.004 m	-0.001 m		
15	Station-006: SW-006 (Leveled)	Station-009: SW-009 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 ,	0.000, 0.000) m 0.000 m	0.000 m		
13	Station-006: SW-006 (Leveled)	Station-007: SW-007 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.000 ,	0.000, -0.002) m 0.000 m	-0.002 m		
16	Station-007: SW-007 (Leveled)	Station-008: SW-008 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.002 ,	-0.001, 0.000) m 0.002 m	0.000 m		
15	Station-007: SW-007 (Leveled)	Station-008: SW-008 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.005 m (0.004 ,	0.000, -0.001) m 0.004 m	-0.001 m		

15	Station-007: SW-007 (Leveled)	Station-009: SW-009 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 ,	0.000, 0.000) m 0.000 m	0.000 m		
15	Station-008: SW-008 (Leveled)	Station-009: SW-009 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.004 m (-0.004 ,	0.000, 0.001) m 0.004 m	0.001 m		
17	Station-008: SW-008 (Leveled)	Station-009: SW-009 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.000 ,	0.001, -0.001) m 0.001 m	-0.001 m		
18	Station-008: SW-008 (Leveled)	Station-009: SW-009 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (-0.001 ,	0.001, 0.000) m 0.001 m	0.000 m		
19	Station-008: SW-008 (Leveled)	Station-009: SW-009 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.001 ,	-0.001, -0.003) m 0.002 m	-0.003 m		
19	Station-008: SW-008 (Leveled)	Station-010: SW-010 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.002 ,	0.000, -0.001) m 0.002 m	-0.001 m		
19	Station-009: SW-009 (Leveled)	Station-010: SW-010 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.001 ,	0.001, 0.002) m 0.001 m	0.002 m		
20	Station-009: SW-009 (Leveled)	Station-010: SW-010 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.001 ,	-0.002, -0.001) m 0.002 m	-0.001 m		
20	Station-009: SW-009 (Leveled)	Station-011: SW-011 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.001 ,	0.000, 0.000) m 0.001 m	0.000 m		
20	Station-010: SW-010 (Leveled)	Station-011: SW-011 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (0.002 ,	0.002, 0.000) m 0.003 m	0.000 m		
23	Station-010: SW-010 (Leveled)	Station-011: SW-011 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 ,	0.000, 0.000) m 0.000 m	0.000 m		
21	Station-010: SW-010 (Leveled)	Station-011: SW-011 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.001 ,	0.000, -0.002) m 0.001 m	-0.002 m		
22	Station-010: SW-010 (Leveled)	Station-011: SW-011 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (-0.001 ,	0.000, -0.001) m 0.001 m	-0.001 m		
26	Station-012: SW-012 (Leveled)	Station-013: SW-013 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.001 ,	0.001, -0.001) m 0.002 m	-0.001 m		
26	Station-012: SW-012 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (-0.001 ,	0.000, 0.000) m 0.001 m	0.000 m		
25	Station-012: SW-012 (Leveled)	Station-013: SW-013 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 ,	0.000, 0.000) m 0.000 m	0.000 m		
25	Station-012: SW-012 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.001 ,	0.001, 0.000) m 0.002 m	0.000 m		
25	Station-012: SW-012 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	0.000, 0.000) m 0.001 m	0.000 m		
24	Station-012: SW-012 (Leveled)	Station-013: SW-013 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 ,	0.000, 0.000) m 0.000 m	0.000 m		
24	Station-012: SW-012 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 ,	-0.001, 0.000) m 0.001 m	0.000 m		
24	Station-012: SW-012 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 ,	0.000, 0.000) m 0.000 m	0.000 m		

24	Station-013: SW-013 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 , -0.001, 0.001) m	0.001 m	0.001 m		
24	Station-013: SW-013 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 , 0.000, 0.000) m	0.000 m	0.000 m		
26	Station-013: SW-013 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 , 0.000, 0.001) m	0.001 m	0.001 m		
25	Station-013: SW-013 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.001 , 0.002, 0.000) m	0.002 m	0.000 m		
25	Station-013: SW-013 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.000 m (0.000 , 0.000, 0.000) m	0.000 m	0.000 m		
27	Station-013: SW-013 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.003 m (-0.003 , 0.001, -0.001) m	0.003 m	-0.001 m		
28	Station-013: SW-013 (Leveled)	Station-014: SW-014 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (0.000 , -0.001, -0.002) m	0.001 m	-0.002 m		
28	Station-013: SW-013 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	Off	1.0000
n/a	0.008 m (-0.007 , 0.002, -0.003) m	0.007 m	-0.003 m		
25	Station-014: SW-014 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.002 m (-0.001 , -0.002, 0.000) m	0.002 m	0.000 m		
24	Station-014: SW-014 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	On	1.0000
n/a	0.001 m (0.000 , 0.001, 0.000) m	0.001 m	0.000 m		
28	Station-014: SW-014 (Leveled)	Station-015: SW-015 (Leveled)	Coincident: Sphere - Sphere	Off	1.0000
n/a	0.007 m (-0.006 , 0.003, -0.001) m	0.007 m	-0.001 m		
Cloud/Mesh 1	Station-011: SW-011 (Leveled)	Station-012: SW-012 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
445233	0.004 m aligned [0.026 m]				
Cloud/Mesh 2	Station-001: SW-001 (Leveled)	Station-002: SW-002 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
725166	0.005 m aligned [0.029 m]				
Cloud/Mesh 3	Station-001: SW-001 (Leveled)	Station-003: SW-003 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
227700	0.003 m aligned [0.032 m]				
Cloud/Mesh 4	Station-001: SW-001 (Leveled)	Station-004: SW-004 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
144866	0.006 m aligned [0.032 m]				
Cloud/Mesh 5	Station-001: SW-001 (Leveled)	Station-010: SW-010 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
204266	0.004 m aligned [0.031 m]				
Cloud/Mesh 6	Station-001: SW-001 (Leveled)	Station-011: SW-011 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
542533	0.003 m aligned [0.028 m]				
Cloud/Mesh 7	Station-001: SW-001 (Leveled)	Station-012: SW-012 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
590633	0.003 m aligned [0.029 m]				
Cloud/Mesh 8	Station-002: SW-002 (Leveled)	Station-003: SW-003 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
344366	0.002 m aligned [0.030 m]				
Cloud/Mesh 9	Station-002: SW-002 (Leveled)	Station-004: SW-004 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
239366	0.006 m aligned [0.032 m]				
Cloud/Mesh 10	Station-002: SW-002 (Leveled)	Station-010: SW-010 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
153800	0.013 m aligned [0.035 m]				

Cloud/Mesh 11 368266	Station-002: SW-002 (Leveled) 0.007 m aligned [0.025 m]	Station-011: SW-011 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 12 535933	Station-002: SW-002 (Leveled) 0.003 m aligned [0.026 m]	Station-012: SW-012 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 13 161600	Station-003: SW-003 (Leveled) 0.005 m aligned [0.030 m]	Station-004: SW-004 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 14 216400	Station-003: SW-003 (Leveled) 0.003 m aligned [0.026 m]	Station-012: SW-012 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 15 326000	Station-004: SW-004 (Leveled) 0.005 m aligned [0.027 m]	Station-005: SW-005 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 16 267366	Station-004: SW-004 (Leveled) 0.010 m aligned [0.028 m]	Station-012: SW-012 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
Cloud/Mesh 17 212400	Station-005: SW-005 (Leveled) 0.004 m aligned [0.031 m]	Station-006: SW-006 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 18 249000	Station-005: SW-005 (Leveled) 0.005 m aligned [0.032 m]	Station-007: SW-007 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
Cloud/Mesh 19 144400	Station-005: SW-005 (Leveled) 0.010 m aligned [0.033 m]	Station-008: SW-008 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
Cloud/Mesh 20 206966	Station-006: SW-006 (Leveled) 0.004 m aligned [0.031 m]	Station-007: SW-007 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 21 167833	Station-006: SW-006 (Leveled) 0.008 m aligned [0.032 m]	Station-008: SW-008 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
Cloud/Mesh 22 77300	Station-006: SW-006 (Leveled) 0.004 m aligned [0.033 m]	Station-009: SW-009 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
Cloud/Mesh 23 171766	Station-007: SW-007 (Leveled) 0.007 m aligned [0.028 m]	Station-008: SW-008 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 24 126800	Station-007: SW-007 (Leveled) 0.004 m aligned [0.034 m]	Station-009: SW-009 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
Cloud/Mesh 25 147300	Station-008: SW-008 (Leveled) 0.007 m aligned [0.030 m]	Station-009: SW-009 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 26 163400	Station-009: SW-009 (Leveled) 0.004 m aligned [0.033 m]	Station-010: SW-010 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 27 185700	Station-009: SW-009 (Leveled) 0.005 m aligned [0.034 m]	Station-011: SW-011 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	Off	1.0000
Cloud/Mesh 28 289266	Station-010: SW-010 (Leveled) 0.002 m aligned [0.032 m]	Station-011: SW-011 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 29 767000	Station-013: SW-013 (Leveled) 0.001 m aligned [0.007 m]	Station-014: SW-014 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 30 54700	Station-013: SW-013 (Leveled) 0.001 m aligned [0.014 m]	Station-015: SW-015 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000
Cloud/Mesh 31 67000	Station-014: SW-014 (Leveled) 0.002 m aligned [0.010 m]	Station-015: SW-015 (Leveled)	Cloud: Cloud/Mesh - Cloud/Mesh	On	1.0000

Cloud/Mesh 1 [Station-011: SW-011 (Leveled) : Station-012: SW-012 (Leveled)]
Objective Function Value: 0.000342344 sq m
Iterations: 36
Overlap Point Count: 445233
Overlap Error Statistics
RMS: 0.026407 m
AVG: 0.0189312 m
MIN: 3.05608e-06 m
MAX: 0.0973499 m
Overlap Center: (10.446, -12.909, -2.986) m
Error after global registration: 6.65652e-06 sq m
Translation: (-6.765, -11.529, 0.845) m
Rotation: (0.0002, -0.0012, 1.0000):6.301 deg

Cloud/Mesh 2 [Station-001: SW-001 (Leveled) : Station-002: SW-002 (Leveled)]
Objective Function Value: 0.000387763 sq m
Iterations: 21
Overlap Point Count: 725166
Overlap Error Statistics
RMS: 0.0291924 m
AVG: 0.0212563 m
MIN: 3.66997e-07 m
MAX: 0.0985606 m
Overlap Center: (14.025, 5.771, 5.135) m
Error after global registration: 1.18031e-05 sq m
Translation: (15.295, 3.405, -0.164) m
Rotation: (0.0000, 0.0000, 1.0000):-62.858 deg

Cloud/Mesh 3 [Station-001: SW-001 (Leveled) : Station-003: SW-003 (Leveled)]
Objective Function Value: 0.000437645 sq m
Iterations: 16
Overlap Point Count: 227700
Overlap Error Statistics
RMS: 0.0320088 m
AVG: 0.0237656 m
MIN: 1.59361e-06 m
MAX: 0.0983632 m
Overlap Center: (21.998, 5.197, 6.779) m
Error after global registration: 5.86801e-06 sq m
Translation: (36.576, -2.095, 0.148) m
Rotation: (0.0000, 0.0000, -1.0000):97.796 deg

Cloud/Mesh 4 [Station-001: SW-001 (Leveled) : Station-004: SW-004 (Leveled)]
Objective Function Value: 0.0006509 sq m
Iterations: 21

Overlap Point Count: 144866
Overlap Error Statistics
RMS: 0.0320842 m
AVG: 0.0248604 m
MIN: 5.06322e-06 m
MAX: 0.0994669 m
Overlap Center: (31.770, 5.010, 5.835) m
Error after global registration: 2.23431e-05 sq m
Translation: (61.472, -19.779, 3.610) m
Rotation: (0.0000, -0.0004, 1.0000):21.780 deg
Cloud/Mesh 5 [Station-001: SW-001 (Leveled) : Station-010: SW-010 (Leveled)]
Objective Function Value: 0.000560881 sq m
Iterations: 35
Overlap Point Count: 204266
Overlap Error Statistics
RMS: 0.0312954 m
AVG: 0.0239367 m
MIN: 8.26128e-06 m
MAX: 0.0981446 m
Overlap Center: (-2.496, 9.277, 4.254) m
Error after global registration: 1.03926e-05 sq m
Translation: (-4.381, -12.395, 6.448) m
Rotation: (0.0004, -0.0001, -1.0000):12.625 deg
Cloud/Mesh 6 [Station-001: SW-001 (Leveled) : Station-011: SW-011 (Leveled)]
Objective Function Value: 0.000387365 sq m
Iterations: 42
Overlap Point Count: 542533
Overlap Error Statistics
RMS: 0.0278754 m
AVG: 0.0203397 m
MIN: 2.67688e-07 m
MAX: 0.099045 m
Overlap Center: (5.009, 4.841, 6.440) m
Error after global registration: 3.69045e-06 sq m
Translation: (7.137, -7.983, 8.844) m
Rotation: (0.0000, 0.0001, -1.0000):-112.094 deg
Cloud/Mesh 7 [Station-001: SW-001 (Leveled) : Station-012: SW-012 (Leveled)]
Objective Function Value: 0.000375016 sq m
Iterations: 31
Overlap Point Count: 590633
Overlap Error Statistics
RMS: 0.0291019 m

AVG: 0.0210663 m
MIN: 2.1577e-06 m
MAX: 0.0990235 m
Overlap Center: (17.537, 4.751, 6.464) m
Error after global registration: 3.47367e-06 sq m
Translation: (20.365, -9.915, 9.692) m
Rotation: (0.0000, 0.0001, -1.0000):-118.393 deg
Cloud/Mesh 8 [Station-002: SW-002 (Leveled) : Station-003: SW-003 (Leveled)]
Objective Function Value: 0.000424751 sq m
Iterations: 18
Overlap Point Count: 344366
Overlap Error Statistics
RMS: 0.0297691 m
AVG: 0.0217735 m
MIN: 1.43425e-05 m
MAX: 0.0964247 m
Overlap Center: (2.946, 11.503, 4.926) m
Error after global registration: 2.28415e-06 sq m
Translation: (14.603, 16.430, 0.314) m
Rotation: (-0.0001, 0.0000, 1.0000):-34.938 deg
Cloud/Mesh 9 [Station-002: SW-002 (Leveled) : Station-004: SW-004 (Leveled)]
Objective Function Value: 0.000548899 sq m
Iterations: 14
Overlap Point Count: 239366
Overlap Error Statistics
RMS: 0.0318626 m
AVG: 0.0242736 m
MIN: 2.67777e-06 m
MAX: 0.0982727 m
Overlap Center: (8.102, 16.140, 4.784) m
Error after global registration: 2.07454e-05 sq m
Translation: (41.699, 30.516, 3.771) m
Rotation: (-0.0002, 0.0001, -1.0000):-84.635 deg
Cloud/Mesh 10 [Station-002: SW-002 (Leveled) : Station-010: SW-010 (Leveled)]
Objective Function Value: 0.000822981 sq m
Iterations: 24
Overlap Point Count: 153800
Overlap Error Statistics
RMS: 0.0345696 m
AVG: 0.0270313 m
MIN: 4.1406e-07 m
MAX: 0.0971873 m

Overlap Center: (-11.203, -7.123, 4.212) m
Error after global registration: 8.99301e-05 sq m
Translation: (5.087, -24.721, 6.609) m
Rotation: (-0.0003, -0.0002, -1.0000):-50.244 deg
Cloud/Mesh 11 [Station-002: SW-002 (Leveled) : Station-011: SW-011 (Leveled)]
Objective Function Value: 0.000356939 sq m
Iterations: 41
Overlap Point Count: 368266
Overlap Error Statistics
RMS: 0.0252311 m
AVG: 0.0182777 m
MIN: 2.43911e-07 m
MAX: 0.0971312 m
Overlap Center: (-2.159, -1.811, 7.577) m
Error after global registration: 3.2389e-05 sq m
Translation: (6.411, -12.452, 9.001) m
Rotation: (0.0001, 0.0000, 1.0000):174.945 deg
Cloud/Mesh 12 [Station-002: SW-002 (Leveled) : Station-012: SW-012 (Leveled)]
Objective Function Value: 0.000312979 sq m
Iterations: 34
Overlap Point Count: 535933
Overlap Error Statistics
RMS: 0.0259641 m
AVG: 0.0185097 m
MIN: 7.89382e-07 m
MAX: 0.0984237 m
Overlap Center: (1.613, 6.945, 6.144) m
Error after global registration: 3.62433e-06 sq m
Translation: (14.166, -1.565, 9.860) m
Rotation: (0.0000, 0.0000, 1.0000):-178.751 deg
Cloud/Mesh 13 [Station-003: SW-003 (Leveled) : Station-004: SW-004 (Leveled)]
Objective Function Value: 0.000490631 sq m
Iterations: 22
Overlap Point Count: 161600
Overlap Error Statistics
RMS: 0.0303614 m
AVG: 0.0226314 m
MIN: 1.63678e-05 m
MAX: 0.0977623 m
Overlap Center: (-5.414, 7.520, 2.953) m
Error after global registration: 1.26039e-05 sq m
Translation: (14.146, 27.068, 3.459) m

Rotation: (0.0001, -0.0001, 1.0000):119.575 deg
Cloud/Mesh 14 [Station-003: SW-003 (Leveled) : Station-012: SW-012 (Leveled)]
Objective Function Value: 0.000316775 sq m
Iterations: 34
Overlap Point Count: 216400
Overlap Error Statistics
RMS: 0.0256691 m
AVG: 0.0180074 m
MIN: 2.19179e-07 m
MAX: 0.0991368 m
Overlap Center: (-5.581, -6.382, 4.984) m
Error after global registration: 6.66595e-06 sq m
Translation: (9.945, -14.999, 9.543) m
Rotation: (0.0000, 0.0000, -1.0000):143.814 deg
Cloud/Mesh 15 [Station-004: SW-004 (Leveled) : Station-005: SW-005 (Leveled)]
Objective Function Value: 0.000383522 sq m
Iterations: 24
Overlap Point Count: 326000
Overlap Error Statistics
RMS: 0.0273955 m
AVG: 0.0200731 m
MIN: 1.40466e-06 m
MAX: 0.0979007 m
Overlap Center: (0.015, 0.796, 2.529) m
Error after global registration: 1.55649e-05 sq m
Translation: (-7.869, -4.193, 2.150) m
Rotation: (-0.0001, 0.0000, -1.0000):-158.097 deg
Cloud/Mesh 16 [Station-004: SW-004 (Leveled) : Station-012: SW-012 (Leveled)]
Objective Function Value: 0.000479871 sq m
Iterations: 32
Overlap Point Count: 267366
Overlap Error Statistics
RMS: 0.0281504 m
AVG: 0.0209917 m
MIN: 2.79398e-06 m
MAX: 0.098567 m
Overlap Center: (-11.155, 27.172, 0.961) m
Error after global registration: 4.86281e-05 sq m
Translation: (-34.508, 24.413, 6.094) m
Rotation: (-0.0002, -0.0001, -1.0000):-96.617 deg
Cloud/Mesh 17 [Station-005: SW-005 (Leveled) : Station-006: SW-006 (Leveled)]
Objective Function Value: 0.000482569 sq m

Iterations: 18
Overlap Point Count: 212400
Overlap Error Statistics
RMS: 0.0310967 m
AVG: 0.0231403 m
MIN: 2.52591e-06 m
MAX: 0.0985842 m
Overlap Center: (9.623, 16.964, -3.519) m
Error after global registration: 8.07151e-06 sq m
Translation: (9.606, 9.919, -5.103) m
Rotation: (0.0000, -0.0001, -1.0000):155.672 deg
Cloud/Mesh 18 [Station-005: SW-005 (Leveled) : Station-007: SW-007 (Leveled)]
Objective Function Value: 0.000568795 sq m
Iterations: 16
Overlap Point Count: 249000
Overlap Error Statistics
RMS: 0.0319934 m
AVG: 0.0242591 m
MIN: 1.33019e-06 m
MAX: 0.0988097 m
Overlap Center: (10.339, 18.387, -2.790) m
Error after global registration: 1.68134e-05 sq m
Translation: (14.923, 12.387, -6.439) m
Rotation: (-0.0001, 0.0000, -1.0000):-112.361 deg
Cloud/Mesh 19 [Station-005: SW-005 (Leveled) : Station-008: SW-008 (Leveled)]
Objective Function Value: 0.000622859 sq m
Iterations: 16
Overlap Point Count: 144400
Overlap Error Statistics
RMS: 0.0325169 m
AVG: 0.0248157 m
MIN: 7.8557e-06 m
MAX: 0.0982175 m
Overlap Center: (23.415, 20.125, -1.202) m
Error after global registration: 6.57765e-05 sq m
Translation: (35.956, 13.516, -5.412) m
Rotation: (-0.0001, 0.0002, 1.0000):-52.518 deg
Cloud/Mesh 20 [Station-006: SW-006 (Leveled) : Station-007: SW-007 (Leveled)]
Objective Function Value: 0.000515479 sq m
Iterations: 18
Overlap Point Count: 206966
Overlap Error Statistics

RMS: 0.0306487 m
AVG: 0.0229694 m
MIN: 8.76827e-06 m
MAX: 0.0993401 m
Overlap Center: (-9.650, -11.711, 0.454) m
Error after global registration: 1.15367e-05 sq m
Translation: (-5.862, -0.061, -1.334) m
Rotation: (0.0000, 0.0000, -1.0000):91.971 deg
Cloud/Mesh 21 [Station-006: SW-006 (Leveled) : Station-008: SW-008 (Leveled)]
Objective Function Value: 0.000482008 sq m
Iterations: 14
Overlap Point Count: 167833
Overlap Error Statistics
RMS: 0.0322946 m
AVG: 0.0242242 m
MIN: 3.86119e-06 m
MAX: 0.0973764 m
Overlap Center: (-21.176, -4.781, 3.381) m
Error after global registration: 4.91741e-05 sq m
Translation: (-25.495, 7.575, -0.309) m
Rotation: (0.0000, 0.0000, -1.0000):-103.151 deg
Cloud/Mesh 22 [Station-006: SW-006 (Leveled) : Station-009: SW-009 (Leveled)]
Objective Function Value: 0.000542608 sq m
Iterations: 17
Overlap Point Count: 77300
Overlap Error Statistics
RMS: 0.0326393 m
AVG: 0.024838 m
MIN: 1.38087e-06 m
MAX: 0.096384 m
Overlap Center: (-21.998, -3.518, 3.536) m
Error after global registration: 9.33145e-06 sq m
Translation: (-34.175, 31.687, 5.885) m
Rotation: (0.0001, 0.0000, 1.0000):-102.788 deg
Cloud/Mesh 23 [Station-007: SW-007 (Leveled) : Station-008: SW-008 (Leveled)]
Objective Function Value: 0.000409858 sq m
Iterations: 23
Overlap Point Count: 171766
Overlap Error Statistics
RMS: 0.0284664 m
AVG: 0.0209061 m
MIN: 9.27244e-07 m

MAX: 0.0984922 m
Overlap Center: (7.335, -18.101, 3.733) m
Error after global registration: 3.31943e-05 sq m
Translation: (-6.955, -19.881, 1.027) m
Rotation: (0.0000, -0.0001, -1.0000):164.880 deg
Cloud/Mesh 24 [Station-007: SW-007 (Leveled) : Station-009: SW-009 (Leveled)]
Objective Function Value: 0.000608118 sq m
Iterations: 11
Overlap Point Count: 126800
Overlap Error Statistics
RMS: 0.0337018 m
AVG: 0.0256997 m
MIN: 4.1197e-06 m
MAX: 0.0993586 m
Overlap Center: (2.564, -19.315, 4.880) m
Error after global registration: 9.39351e-06 sq m
Translation: (-30.756, -29.385, 7.227) m
Rotation: (0.0001, 0.0003, 1.0000):-10.819 deg
Cloud/Mesh 25 [Station-008: SW-008 (Leveled) : Station-009: SW-009 (Leveled)]
Objective Function Value: 0.000409287 sq m
Iterations: 21
Overlap Point Count: 147300
Overlap Error Statistics
RMS: 0.0298012 m
AVG: 0.0219349 m
MIN: 7.72133e-07 m
MAX: 0.0959014 m
Overlap Center: (0.015, 8.462, 5.134) m
Error after global registration: 3.10419e-05 sq m
Translation: (25.457, 2.968, 6.193) m
Rotation: (-0.0001, 0.0000, -1.0000):-154.061 deg
Cloud/Mesh 26 [Station-009: SW-009 (Leveled) : Station-010: SW-010 (Leveled)]
Objective Function Value: 0.000616133 sq m
Iterations: 20
Overlap Point Count: 163400
Overlap Error Statistics
RMS: 0.0332312 m
AVG: 0.0253279 m
MIN: 2.03295e-06 m
MAX: 0.0983199 m
Overlap Center: (7.337, -12.265, 0.060) m
Error after global registration: 1.32149e-05 sq m

Translation: (-10.289, -4.364, -0.093) m
Rotation: (0.0000, 0.0000, 1.0000):65.951 deg
Cloud/Mesh 27 [Station-009: SW-009 (Leveled) : Station-011: SW-011 (Leveled)]
Objective Function Value: 0.000531807 sq m
Iterations: 11
Overlap Point Count: 185700
Overlap Error Statistics
RMS: 0.0339948 m
AVG: 0.0257675 m
MIN: 1.8469e-06 m
MAX: 0.098883 m
Overlap Center: (-1.817, -15.289, 0.493) m
Error after global registration: 1.06844e-05 sq m
Translation: (-12.322, 7.797, 2.301) m
Rotation: (0.0000, 0.0000, -1.0000):169.341 deg
Cloud/Mesh 28 [Station-010: SW-010 (Leveled) : Station-011: SW-011 (Leveled)]
Objective Function Value: 0.000507061 sq m
Iterations: 16
Overlap Point Count: 289266
Overlap Error Statistics
RMS: 0.0318659 m
AVG: 0.0238622 m
MIN: 2.4944e-06 m
MAX: 0.0979057 m
Overlap Center: (-4.582, 2.354, -1.623) m
Error after global registration: 2.79093e-06 sq m
Translation: (10.273, 6.816, 2.397) m
Rotation: (0.0000, 0.0000, -1.0000):-124.714 deg
Cloud/Mesh 29 [Station-013: SW-013 (Leveled) : Station-014: SW-014 (Leveled)]
Objective Function Value: 1.26883e-05 sq m
Iterations: 17
Overlap Point Count: 767000
Overlap Error Statistics
RMS: 0.00720131 m
AVG: 0.00350607 m
MIN: 1.03078e-07 m
MAX: 0.0963221 m
Overlap Center: (-4.652, 0.061, 5.187) m
Error after global registration: 5.53661e-07 sq m
Translation: (-9.151, 0.708, 0.129) m
Rotation: (0.0000, 0.0000, -1.0000):164.026 deg
Cloud/Mesh 30 [Station-013: SW-013 (Leveled) : Station-015: SW-015 (Leveled)]

Objective Function Value: 2.52857e-05 sq m
Iterations: 11
Overlap Point Count: 54700
Overlap Error Statistics
RMS: 0.0139501 m
AVG: 0.0064122 m
MIN: 1.95824e-06 m
MAX: 0.0951847 m
Overlap Center: (2.893, 2.078, 2.133) m
Error after global registration: 4.47826e-07 sq m
Translation: (-22.471, -1.124, -0.254) m
Rotation: (0.0000, -0.0001, 1.0000):-115.935 deg
Cloud/Mesh 31 [Station-014: SW-014 (Leveled) : Station-015: SW-015 (Leveled)]
Objective Function Value: 1.59483e-05 sq m
Iterations: 14
Overlap Point Count: 67000
Overlap Error Statistics
RMS: 0.00971424 m
AVG: 0.00431222 m
MIN: 1.9022e-06 m
MAX: 0.0922255 m
Overlap Center: (-11.600, 2.261, 1.778) m
Error after global registration: 1.63559e-06 sq m
Translation: (13.310, -1.905, -0.385) m
Rotation: (0.0000, 0.0000, -1.0000):-48.087 deg

ScanWorld Transformations
Station-001: SW-001 (Leveled)
translation: (0.000, 0.000, 0.000) m
rotation: (0.0000, 1.0000, 0.0000):0.000 deg

Station-002: SW-002 (Leveled)
translation: (15.299, 3.402, -0.167) m
rotation: (-0.0000, -0.0000, -1.0000):62.850 deg

Station-003: SW-003 (Leveled)
translation: (36.580, -2.095, 0.146) m
rotation: (-0.0000, -0.0000, -1.0000):97.792 deg

Station-004: SW-004 (Leveled)
translation: (61.480, -19.782, 3.606) m
rotation: (0.0000, 0.0000, 1.0000):21.777 deg

Station-005: SW-005 (Leveled)
translation: (55.730, -26.598, 5.762) m
rotation: (0.0000, 0.0000, 1.0000):179.888 deg

Station-006: SW-006 (Leveled)
translation: (46.106, -36.497, 0.654) m
rotation: (0.0000, 0.0000, 1.0000):24.214 deg

Station-007: SW-007 (Leveled)
translation: (40.779, -38.960, -0.678) m
rotation: (-0.0000, -0.0000, -1.0000):67.758 deg

Station-008: SW-008 (Leveled)
translation: (19.736, -40.048, 0.346) m
rotation: (0.0000, 0.0000, 1.0000):127.363 deg

Station-009: SW-009 (Leveled)
translation: (1.938, -21.614, 6.546) m
rotation: (-0.0000, -0.0000, -1.0000):78.577 deg

Station-010: SW-010 (Leveled)
translation: (-4.379, -12.389, 6.448) m
rotation: (-0.0000, -0.0000, -1.0000):12.626 deg

Station-011: SW-011 (Leveled)
translation: (7.137, -7.985, 8.845) m
rotation: (0.0000, 0.0000, 1.0000):112.090 deg

Station-012: SW-012 (Leveled)
translation: (20.368, -9.916, 9.693) m
rotation: (0.0000, 0.0000, 1.0000):118.394 deg

Station-013: SW-013 (Leveled)
translation: (25.096, -17.602, 10.689) m
rotation: (0.0000, 0.0000, 1.0000):171.745 deg

Station-014: SW-014 (Leveled)
translation: (34.051, -19.617, 10.818) m
rotation: (0.0000, 0.0000, 1.0000):7.723 deg

Station-015: SW-015 (Leveled)

translation: (47.496, -19.714, 10.432) m
rotation: (0.0000, 0.0000, 1.0000):55.811 deg

Unused ControlSpace Objects

Station-001: SW-001 (Leveled):
Vertex : unlabeled

Station-002: SW-002 (Leveled):
Vertex : unlabeled

Station-003: SW-003 (Leveled):
Vertex : unlabeled

Station-004: SW-004 (Leveled):
Vertex : unlabeled

Station-005: SW-005 (Leveled):
Vertex : unlabeled

Station-006: SW-006 (Leveled):
Vertex : unlabeled

Station-007: SW-007 (Leveled):
Vertex : unlabeled

Station-008: SW-008 (Leveled):
Vertex : unlabeled

Station-009: SW-009 (Leveled):
Vertex : unlabeled

Station-010: SW-010 (Leveled):
Vertex : unlabeled

Station-011: SW-011 (Leveled):
Vertex : unlabeled

Station-012: SW-012 (Leveled):
Vertex : unlabeled

Station-013: SW-013 (Leveled):

Vertex : unlabeled

Station-014: SW-014 (Leveled):

Vertex : unlabeled

Station-015: SW-015 (Leveled):