



**Your Name**  
Your Title  
Company Name  
Company Website



Refinement Report

# TEE



1 Reg. Set



18 Stations

# Project Summary

Reg. Sets

1

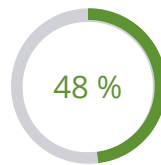
Stations

18

Average Error

0.7 mm

Average Overlap



Average Consistency



# Refinement Summary

Reg. Set 1

18 Stations

0.7 mm Avg. Error

48 % Avg. Overlap

99 % Avg. Consistency

Reference Station: 1

Station Name	Links	Avg. Error (mm)	Avg. Overlap (%)	Avg. Consistency (%)
1	6	0.9 mm	58 %	100 %
2	6	0.8 mm	62 %	100 %
3	7	0.6 mm	63 %	100 %
4	9	0.7 mm	56 %	100 %
5	7	0.6 mm	65 %	100 %
6	7	0.8 mm	59 %	100 %
7	7	0.6 mm	55 %	100 %
8	7	0.7 mm	47 %	100 %
9	4	0.6 mm	45 %	100 %
10	4	0.7 mm	44 %	100 %
11	3	0.5 mm	31 %	100 %
12	2	0.5 mm	36 %	100 %
13	3	0.7 mm	30 %	85 %
14	2	0.5 mm	36 %	100 %
15	2	0.8 mm	34 %	100 %
16	4	1.0 mm	37 %	89 %
17	2	0.8 mm	53 %	100 %
18	2	0.9 mm	48 %	100 %

# Refinement Details

Reg. Set 1    18 Stations    0.7 mm Avg. Error    48 % Avg. Overlap    99 % Avg. Consistency    Reference Station: 1

1    6 Links    0.9 mm Avg. Error    58 % Avg. Overlap    100 % Avg. Consistency

Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
2	0.6 mm	64 %	100 %	7.845 m
3	0.6 mm	67 %	100 %	9.009 m
4	1.0 mm	57 %	100 %	12.705 m
5	0.8 mm	57 %	100 %	15.018 m
6	1.4 mm	51 %	100 %	19.221 m
7	1.0 mm	50 %	100 %	18.567 m

2    6 Links    0.8 mm Avg. Error    62 % Avg. Overlap    100 % Avg. Consistency

Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
1	0.6 mm	64 %	100 %	7.845 m
3	0.5 mm	71 %	100 %	5.929 m
4	0.9 mm	61 %	100 %	8.460 m
5	0.7 mm	68 %	100 %	8.541 m
6	1.0 mm	61 %	100 %	12.646 m
7	0.9 mm	49 %	100 %	13.856 m

3    7 Links    0.6 mm Avg. Error    63 % Avg. Overlap    100 % Avg. Consistency

Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
1	0.6 mm	67 %	100 %	9.009 m
2	0.5 mm	71 %	100 %	5.929 m
4	0.6 mm	74 %	100 %	3.717 m
5	0.6 mm	70 %	100 %	6.825 m
6	0.8 mm	60 %	100 %	10.738 m
7	0.6 mm	63 %	100 %	9.571 m
8	0.6 mm	32 %	100 %	4.839 m

4    9 Links    0.7 mm Avg. Error    56 % Avg. Overlap    100 % Avg. Consistency

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	1	1.0 mm	57 %	100 %	12.705 m
	2	0.9 mm	61 %	100 %	8.460 m
	3	0.6 mm	74 %	100 %	3.717 m
	5	0.5 mm	78 %	100 %	4.475 m
	6	0.6 mm	63 %	100 %	7.634 m
	7	0.5 mm	61 %	100 %	5.912 m
	8	0.7 mm	57 %	100 %	3.644 m
	9	0.9 mm	23 %	100 %	7.548 m
	10	1.1 mm	26 %	100 %	11.194 m

**5**      **7 Links**      **0.6 mm Avg. Error**      **65 % Avg. Overlap**      **100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	1	0.8 mm	57 %	100 %	15.018 m
	2	0.7 mm	68 %	100 %	8.541 m
	3	0.6 mm	70 %	100 %	6.825 m
	4	0.5 mm	78 %	100 %	4.475 m
	6	0.5 mm	72 %	100 %	4.243 m
	7	0.5 mm	62 %	100 %	6.350 m
	8	0.8 mm	51 %	100 %	8.051 m

**6**      **7 Links**      **0.8 mm Avg. Error**      **59 % Avg. Overlap**      **100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	1	1.4 mm	51 %	100 %	19.221 m
	2	1.0 mm	61 %	100 %	12.646 m
	3	0.8 mm	60 %	100 %	10.738 m
	4	0.6 mm	63 %	100 %	7.634 m
	5	0.5 mm	72 %	100 %	4.243 m
	7	0.4 mm	65 %	100 %	5.514 m
	8	0.8 mm	38 %	100 %	10.597 m

**7**      **7 Links**      **0.6 mm Avg. Error**      **55 % Avg. Overlap**      **100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	1	1.0 mm	50 %	100 %	18.567 m
	2	0.9 mm	49 %	100 %	13.856 m
	3	0.6 mm	63 %	100 %	9.571 m
	4	0.5 mm	61 %	100 %	5.912 m
	5	0.5 mm	62 %	100 %	6.350 m
	6	0.4 mm	65 %	100 %	5.514 m
	8	0.7 mm	36 %	100 %	7.009 m

**8**      **7 Links**      **0.7 mm Avg. Error**      **47 % Avg. Overlap**      **100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	3	0.6 mm	32 %	100 %	4.839 m
	4	0.7 mm	57 %	100 %	3.644 m
	5	0.8 mm	51 %	100 %	8.051 m
	6	0.8 mm	38 %	100 %	10.597 m
	7	0.7 mm	36 %	100 %	7.009 m
	9	0.7 mm	53 %	100 %	4.463 m
	10	0.7 mm	60 %	100 %	7.585 m

**9      4 Links      0.6 mm Avg. Error      45 % Avg. Overlap      100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	4	0.9 mm	23 %	100 %	7.548 m
	8	0.7 mm	53 %	100 %	4.463 m
	10	0.4 mm	70 %	100 %	4.571 m
	11	0.6 mm	32 %	100 %	5.572 m

**10      4 Links      0.7 mm Avg. Error      44 % Avg. Overlap      100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	4	1.1 mm	26 %	100 %	11.194 m
	8	0.7 mm	60 %	100 %	7.585 m
	9	0.4 mm	70 %	100 %	4.571 m
	11	0.5 mm	20 %	100 %	5.358 m

**11      3 Links      0.5 mm Avg. Error      31 % Avg. Overlap      100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	9	0.6 mm	32 %	100 %	5.572 m
	10	0.5 mm	20 %	100 %	5.358 m
	12	0.5 mm	39 %	100 %	4.956 m

**12      2 Links      0.5 mm Avg. Error      36 % Avg. Overlap      100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	11	0.5 mm	39 %	100 %	4.956 m
	13	0.4 mm	33 %	100 %	4.678 m

**13      3 Links      0.7 mm Avg. Error      30 % Avg. Overlap      86 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	12	0.4 mm	33 %	100 %	4.678 m
	14	0.4 mm	37 %	100 %	4.715 m
	16	1.3 mm	21 %	57 %	8.123 m

**14      2 Links      0.5 mm Avg. Error      36 % Avg. Overlap      100 % Avg. Consistency**

	Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
	13	0.4 mm	37 %	100 %	4.715 m
	15	0.6 mm	36 %	100 %	4.853 m

**15      2 Links      0.8 mm Avg. Error      34 % Avg. Overlap      100 % Avg. Consistency**

Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
14	0.6 mm	36 %	100 %	4.853 m
16	1.0 mm	32 %	100 %	8.211 m

<b>16</b>	<b>4 Links</b>	<b>1.0 mm Avg. Error</b>	<b>37 % Avg. Overlap</b>	<b>89 % Avg. Consistency</b>
-----------	----------------	--------------------------	--------------------------	------------------------------

Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
13	1.3 mm	21 %	57 %	8.123 m
15	1.0 mm	32 %	100 %	8.211 m
17	0.7 mm	52 %	100 %	5.835 m
18	1.0 mm	43 %	100 %	10.970 m

<b>17</b>	<b>2 Links</b>	<b>0.8 mm Avg. Error</b>	<b>53 % Avg. Overlap</b>	<b>100 % Avg. Consistency</b>
-----------	----------------	--------------------------	--------------------------	-------------------------------

Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
16	0.7 mm	52 %	100 %	5.835 m
18	0.9 mm	54 %	100 %	5.161 m

<b>18</b>	<b>2 Links</b>	<b>0.9 mm Avg. Error</b>	<b>48 % Avg. Overlap</b>	<b>100 % Avg. Consistency</b>
-----------	----------------	--------------------------	--------------------------	-------------------------------

Linked Station	Error (mm)	Overlap (%)	Consistency (%)	Distance (m)
16	1.0 mm	43 %	100 %	10.970 m
17	0.9 mm	54 %	100 %	5.161 m