

STADIA SURVEY NOTES

COPY

AREA Barrow STATE or PROVINCE Alaska PAGE No. 21
 LINE No.(s) K PARTY No. 195 DATE 15 Day 12 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Synd RODMAN Myers WEATHER: Good P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read.	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2																
3																
4		880										23.8	⊙	44		
5		440									30.4		Δ	43		
6		00										24.2		42		
7		440										25.2		41		
8		880										23.6		40		
9												24.8	⊙	40		
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

Ref. Page 25 line #2 This Book

-9.1' Tie
 Ref. Page 26
 Line #6 Book 1

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STADIA SURVEY NOTES

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 23
 LINE No.(s) N PARTY No. 195 DATE 17 Day 12 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Good P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												22.6				
2		440	✓						-5.8	-5.8		16.8		2.5		
3		880	✓						-5.8	-5.8		16.8	⊙	24		
4		880	✓					+7.0	+7.0		23.9		Δ			
5		440	✓						-7.2	-7.2		16.6		23		
6		00	✓						-5.2	-5.2		18.6		22		
7		440	✓						-4.4	-4.4		19.4		21		
8		880	✓						-5.0	-5.0		18.9	⊙	20		
9		880	✓					+5.8	+5.8		24.6		Δ			
10		440	✓						-6.0	-6.0		18.6		19		
11		00	✓						-5.2	-5.2		19.4		18		
12		440	✓						-4.4	-4.4		20.2		17		
13		880	✓						-3.4	-3.4		21.2	⊙	16		
14		880	✓					+5.4	+5.4	+1.0	22.2		Δ			
15		440	✓						-4.2	-4.2		18.0		15		
16		00	✓						-5.2	-5.2		17.0		14		
17		440	✓						-6.2	-6.2		16.0		13		
18		880	✓						-2.6	-2.6		19.6	⊙	12		
19		880	✓					+7.2	+7.2		26.8		Δ			
20		440	✓						-5.8	-5.8		21.0		11		

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 22
 LINE No.(s) N PARTY No. 195 DATE: 15 Day 12 Mo. 22 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Cold P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2															
3		880	✓						+5.4	+5.4	30.2	24.8	⊙	40	
4		440	✓						-5.2	-5.2		25.0	Δ	39	check with
5		00	✓						-5.2	-5.2		25.0		38	25' contour on
6		440	✓						-4.2	-4.2		26.0		37	Topo' map
7		880	✓						-1.8	-1.8		28.4	⊙	36	
8		880	✓						+11.8	+11.8	40.2		Δ		
9		440	✓						-5.8	-5.8		34.4		35	
10		00	✓						-5.2	-5.2		35.0		34	
11		440	✓						-7.0	-7.0		33.2		33	
12		880	✓						-9.6	-9.6		30.6	⊙	32	
13		880	89	41 15	+0.54				+3.0	-4.8	-1.8	28.8	Δ		
14		440	✓						-4.8	-4.8		24.0		31	
15		00	✓						-5.2	-5.2		23.6		30	
16		440	✓						-10.6	-10.6		18.2		29	
17		880	✓						-10.8	-10.8		18.0	⊙	28	
18		880	✓						+4.6	+4.6	22.6		Δ		
19		440	✓						-5.6	-5.6		17.0		27	
20		00	✓						-5.2	-5.2		17.4		26	

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 24
 LINE No.(s) N PARTY No. 195 DATE 17 Day 12 Mo. 22 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Good P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												26.8				
2		00	✓										21.6		10	
3		440	✓										22.2		9	
4		880	✓										21.8	⊙		
5		880	✓									24.0		Δ		
6		440	✓										20.2		7	
7		00	✓										18.8		6	
8		440	✓										18.2		5	
9		880	✓										18.8	⊙	4	
10		880	✓									23.4		Δ		
11		440	✓										17.6		3	
12		00	✓										18.2		2	
13		440	✓										17.2		1	
14		1265	✓										17.4			tail spread
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 25
 LINE No.(s) N PARTY No. 195 DATE 17 Day 12 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Good P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2															
3		880	✓						+5.4	+5.4	29.2	23.8	⊙	44	Worked Back from sp 23 Page 26 ↓
4		440	✓						-4.8	-4.8		24.4	Δ	45	
5		00	✓						-5.2	-5.2		24.0		46	
6		440	✓						-4.8	-4.8		24.4		47	
7		880	✓						-2.8	-2.8		26.4	⊙	48	
8		880	✓						+7.4	+7.4	33.8		Δ	48	
9		440	✓						-3.2	-3.2		30.6		49	
10		00	✓						-5.2	-5.2		28.6		50	
11		440	✓						-4.0	-4.0		29.8		51	
12		880	✓						-6.4	-6.4		27.4	⊙	52	
13		880	✓						+6.6	+6.6	34.0		Δ	52	
14		440	✓						-6.6	-6.6		27.4		53	
15		00	✓						-5.2	-5.2		29.8		54	
16		440	✓						-5.0	-5.0		28.0		55	
17		880	✓						-4.6	-4.6		29.4	⊙	56	
18		880	✓						+3.6	+3.6	33.0		Δ	56	
19		440	✓						-3.6	-3.6		29.4		57	
20		00	✓						-5.2	-5.2		27.8		58	

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 26
 LINE No.(s) N PARTY No. 195 DATE 17 Day 12 Mo. 72 Yr. BOOK No.
 SURVEYOR Byrd RODMAN Myers WEATHER: Good -20° P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												330				
2		440	✓					-9.2		-9.2		23.8		59		
3		880	✓					-9.3		-9.3		23.7	0	60		
4		880	✓					+5.6		+5.6	29.3		Δ			
5		440	✓					-5.4		-5.4		23.9		61		
6		00	✓					-5.2		-5.2		24.1		62		
7		440	✓					-5.8		-5.8		23.5		63		
8		880	✓					-5.4		-5.4		23.9	0	64		
9		880	✓					+8.4		+8.4	32.3		Δ			
10		440	✓					-6.6		-6.6		25.7		65		
11		00	✓					-5.2		-5.2		27.1		66		
12			✓					+1.0		-1.0		31.3		Well #3		
13		440	89°	04 00'	+1.63			-5.0	+7.2	+2.2		34.5		67		
14		880	89°	25 40'	1.00			-10.0	+8.8	-1.2		31.1	0	68		
15		880	✓					+4.0		+4.0	35.1		Δ			
16		440	✓					-6.0		-6.0		29.1		69		
17		00	✓					-5.2		-5.2		29.9		70		
18		440	✓					-5.8		-5.8		29.3		71		
19		880	✓					-5.0		-5.0		30.1		72		
20		1320	✓					-5.6		-5.6		29.5	0	73		

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 27
 LINE No.(s) N PARTY No. 195 DATE 18 Day 12 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: -18° P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1	STARTING Elev. SP 50 + 440'			LINE "B"				Ref Page 7 Line #16 Book 1							
2															
3															Line B cross
4		1320	✓									29.5	○	SP-73	
5		880	✓									35.5	Δ		
6		440	✓									30.9		74	
7		00	✓									30.7		75	
8		440	✓									30.3		76	
9		880	✓									30.3		77	
10		1320	✓									33.5		78	
11		880	✓									2.0		79	
12		440	✓									7.6	○		
13		00	✓									7.6	Δ		
14		440	✓									10.2			
15		880	✓									47.7	Δ		
16		1320	✓									6.8		80	
17		00	✓									6.8		81	
18		440	✓									5.2		82	
19		880	✓									9.6		83	
20		1320	✓									11.0		84	
21		1320	✓									13.8	○	84	
22		880	✓									4.6	Δ		
23		880	✓									38.5		85	
24		440	✓									4.8		86	
25		00	✓									5.6		87	
26												5.2			

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 28
 LINE No.(s) N PARTY No. 195 DATE 18 Day 12 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Good P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												38.5				
2		440	✓									-3.8	34.7			SP88
3		880	✓									-3.4	35.1			89
4		1320	✓									-4.8	33.7	⊙		90
5		1320	✓									+4.4		Δ		
6		880	✓									-6.0	32.1			91
7		440	✓									-2.0	31.0			92
8		00	✓									-5.2	32.9			93
9		440	✓									-5.4	32.7			94
10		880	✓									-3.6	34.5			95
11		1320	✓									-3.2	34.9	⊙		96
12		1320	✓									+6.4		Δ		
13		880	✓									-5.4	35.9			97
14		440	✓									-5.4	35.9			98
15		00	✓									-5.2	36.1			99
16		440	✓									-4.8	36.5			100
17		880	✓									-4.6	36.7			101
18		1320	✓									-3.8	37.5	⊙		102
19		1320	✓									+14.8		Δ		
20		880	✓									-14.2	38.1			103

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AREA Barrow STATE or PROVINCE Alaska PAGE No. 29
 LINE No.(s) N PARTY No. 195 DATE 18 Day 12 Mo. 72 Yr. BOOK No. 2
 SURVEYOR Byrd RODMAN Myers WEATHER: Good P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												52.3			
2		440	✓						-6.2	-6.2		46.1		104	
3		00	✓						-5.2	-5.2		47.1		105	
4		440	✓						-3.8	-3.8		48.5		106	
5		880	✓					T -6.2 +4.4	-1.8	-1.8		50.5		107	
6		1320	✓						-2.0	-2.0		50.3	○	108	
7		1320	✓						+9.8	+9.8	60.1		Δ		
8		880	✓						-10.0	-10.0		50.1		109	
9		440	✓						-8.8	-8.8		51.3		110	
10		00	✓						-5.2	-5.2		54.9		111	2.4 tie
11		440	✓						-5.8	-5.8		54.3		112	Line N & I
12		880	✓						-3.2	-3.2		56.9		113	cross
13		1320	✓						-1.2	-1.2		58.9	○	114	
14		1320	✓						+4.2	+4.2	63.1		Δ		
15		880	✓						-5.0	-5.0		58.1		115	
16		440	✓						-6.0	-6.0		57.1		116	
17		00	✓						-5.2	-5.2		57.9		117	
18		440	✓						-7.2	-7.2		55.9		118	
19		880	✓						-13.0	-13.0		50.1		119	
20		1705	✓					B -8.8 -8.5	-17.3	-17.3		45.8		Tail spread	

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CHECKED BY 1st

2nd