

### STADIA SURVEY NOTES

AREA SO. BARROW - N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 3  
 LINE No.(s) XX PARTY No. 195 DATE 24 Day NOV Mo. 1974 Yr. BOOK No. 1  
 SURVEYOR T. SWANWILL RODMAN J. PRITZ WEATHER: CLEAR P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.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	NW	2640	90°	14'44"	0.427				4.8	+11.3	+16.1	16.1	0.0	Δ	S.P. 14	1160 BAY (L3 RA)
4		1760											0.0		15	1160 BAY
5		880											0.0		16	1160 BAY
6		0	✓						5.2		-5.2		10.9	π	17	
7	SE	605	✓						5.0		-5.0		11.1		INT	LINE 2
8		880	✓						5.0		-5.0		11.1		18	
9		1760	✓						4.0		-4.0		12.1		19	
10		2640		89° 54' 15"	0.167				8.0	+4.4	-3.6		12.5	0	(20)	
11	NW	2640		89° 54' 15"	0.167				5.0	-4.4	+0.6	13.1		Δ		
12		1760	✓						3.5		-3.5		9.6		21	
13		880	✓						4.0		-4.0		9.1		22	
14		0	✓						5.2		-5.2		7.9	π	23	
15	SE	880	✓						3.0		-3.0		10.1		24	
16		1760		89° 46' 10"	0.401				8.0	+7.1	-0.9		12.2	0	25	
17	NW	1760	✓						1.0	+1.0		13.2		Δ		
18		2040	✓						5.2		-5.2		8.0	π	23	
19	SE	2640	✓						1.0	-	-1.0		12.2	0	20	
20	NW	2640	✓						4.1	+4.1		16.3		Δ		

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 WORKED BY JPS

CHECKED BY 1st

2nd

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AREA SO. BARROW - N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 4  
 LINE No.(s) XX PARTY No. 195 DATE 24 Day Nov Mo. 1974 Yr. BOOK No. 1  
 SURVEYOR T. SHERRILL RODMAN ST. PETER WEATHER: CLEAR P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												16.3				
2	0	0	✓						5.2	-5.2		11.1	π	XY-17		
3	NW	2640	✓	90°10'	0.29				8.4	-7.7	-16.1	0.2	0	14-1160 BAY		
4												0.0		ROD L-3 P-3		
5												0.2		MISTIE		
6																
7																
8												0.0	Δ	S.P.14	1K0 BAY	
9	SE	2640	✓						12.0	+12.0	12.0					
10		1760										0.0	,	13	1K0 BAY	
11		880										0.0		12	1K0 BAY	
12		0	✓						5.2	-5.2	6.8	6.8	π	11		
13	NW	880	✓						4.1	-4.1		7.9		10		
14		1760	✓						3.2	-3.2		8.8		9		
15		2640	✓						2.7	-2.7		9.3	0	8	LAKE 'A'	
16												9.3	E	7	"	
17												9.3		6	"	
18												9.3		5	"	
19												9.3		4	"	
20												9.3		3	"	

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**STADIA SURVEY NOTES**

AREA SO. BARROW - N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 5  
 LINE No.(s) XX - TIE LINE PARTY No. 195 DATE 24 Day NOV Mo. 1974 Yr. BOOK No. 1  
 SURVEYOR T. SHERRILL RODMAN J. PRETZ WEATHER: CLEAR P.T.S. No. \_\_\_\_\_

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												9.3				
2	SW	880	✓						5.2	+5.2	14.5		Δ	XY-3		
3		0	✓						5.2	-5.2		9.3	π	(2)		
4	NE	385	✓						5.2	-5.2		9.3		INT. LINE Y		
5		880	✓						5.2	-5.2		9.3	0	XY-1		
6																
7	1220	W	✓						6.3	+6.3		9.3	Δ	LAKE 'A'		
8											15.6					
9		0	✓						5.2	-5.2		10.4	π	T.P.1		
10	E	1190	✓						7.2	-7.2		8.4	0	T.B.M.1		
11	W	900	✓						5.0	+5.0	13.9		Δ			
12		0	✓						5.2	-5.2		8.7	π	T.P.2		
13	E	880	✓						13.0	-13.0		0.9	0	1 KO BAY (Δ BING)		
14												0.0		LINE 2-P3		
15												+0.9		MISTIE		
16																
17																
18																
19																
20																

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