

STADIA SURVEY NOTES

AREA SO. BARROW - N.P.R. - 4 STATE OR PROVINCE ALASKA PAGE No. 9
 LINE No.(s) LX PARTY No. 195 DATE 25 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				Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	INST.				ROD					
1																		
2	NW	880		TAKE OFF FROM SEA LEVEL					8.0	+10.7	+18.7	18.7	0.0	Δ	LX135		1160 RAY (REFER L-18 P-10)	
3		0	✓						5.2		-5.2		13.5	+	136			
4	SE	880	✓						4.5		-4.5		14.2	-	137			
5		1760	✓						5.0		-5.0		13.7		138			
6		2640	✓	89°57'10"	0.082				8.0	+2.2	-5.8		12.9		139			
7	NW	2640	✓						5.4		+5.4	18.3		Δ				
8		1760	✓						5.8		-5.8		12.5		140			
9		880	✓						5.2		-5.2		13.1		141			
10		0	✓						5.2		-5.2		13.1	+	142			
11	SE	880	✓						3.0		-3.0		15.3		147			
12		1760	✓						3.5		-3.5		14.8		144			
13		2640	✓	89°55'50"	0.121				8.0	+3.2	-4.8		13.5	○	145			
14	NW	2640	✓	90°54'18"	0.121				5.0	+3.2	+8.2	21.7		Δ	145			
15		1760	✓						8.1		-8.1		13.6		146			
16		880	✓						7.0				14.7		147			
17		0	✓						5.2		-5.2		16.5	+	148			
18	SE	880	✓					T	2.5	+4.4	+1.9		23.6		149			
19		1760	✓					T	5.5	+8.8	+3.3		25.0		150			
20		2640	✓	89°44'15"	0.457				8.0	+2.1	+4.1		25.0	○	150			

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STADIA SURVEY NOTES

AREA SO. BARROW - N.P.R. - 4 STATE or PROVINCE ALASKA PAGE No. 10
 LINE No.(s) LX PARTY No. 195 DATE 25 Day NOV Mo. 1974 Yr. BOOK No. 1
 SURVEYOR T. SHERWILL RODMAN J. PRETZL 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													25.8			
2	NW	880	✓						4.1	+4.1	29.9			Δ	L1151	
3		0	✓						5.2	-5.2			24.7	π	152	
4	SE	880	✓						4.8	-4.8			25.1		153	
5		1760	✓						4.0	-4.0			25.9		154	
6		2640	✓						2.6	-2.6			27.3	○	155	
7		2640	✓						2.6	+2.6	29.9			Δ		
8		0							5.2	-5.2			24.7	π	152	
9	NW	2640	✓						6.5	-6.5			23.4	○	149	
10	SE	2640	✓	89°30'	0.29				0.2	-5.1	+4.9	18.5		Δ		
11		0	✓						5.2	-5.2			13.3	π	146	
12	NW	2640	✓						3.2	-3.2			15.3	○	143	
13	SE	2640	✓						1.9	+1.9	17.2			Δ		
14		0	✓						-5.2	-5.2			12.0	π	140	
15	NW	2640	✓						3.2	-3.2			14.0	○	137	
16	SE	880	✓						4.3	+4.3	18.3			Δ		
17		0	✓						5.2	-5.2			13.1	π	136	
18	NW	880		90°40'	1.16				8.5	-10.2	-18.7		-0.4	○	135	
19													0.0		LWB	2 - P. 9
20													0.4		MISYJE	

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AREA SO. BARROW STATE or PROVINCE ALASKA PAGE No. 11
 LINE No.(s) LY PARTY No. 195 DATE 25 Day NOV Mo. 1974 Yr. BOOK No. 1
 SURVEYOR T. SHERRILL RODMAN J. PRETZ WEATHER: CLEAR-COLD P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	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				INST.	ROD			
1																
2	SW	1485	✓					11.3	+7.4	8.7	-SEA LEVEL	0.0	Δ	LX-135		
3		605	✓				B			5.2	-8.7	18.7	π	134		
4		0	✓							5.2	-5.2	13.5	π	133+225		
5	NW	285	✓							8.1	-8.1	10.6		133		
6		1085	✓							9.2	-9.2	9.5		132		
7		2085	✓							9.7	-9.7	9.0		131		LAKE
8		2885	✓							9.7	-9.7	9.0	⊙	130		LAKE
9	SE	2640	✓							6.1	+6.1	15.1	Δ			
10		1760	✓							6.0	-6.0	9.1		129		
11		880	✓							6.0	-6.0	9.1		128		
12		0	✓							5.2	-5.2	9.9	π	127		
13	NW	880	✓							3.5	-3.5	11.6		126		
14		1760	✓							3.4	-3.4	11.7		125		
15		2045	✓							3.5	-3.5	11.6		124		INT LANEY (REFER L-6 P-7)
16		2640	✓							3.8	-3.8	11.3	⊙	124		11.6
17	SE	2640	✓							3.8	+3.8	15.1	Δ			18.2
18		1760	✓							4.5	-4.5	10.6		123		+ 8.4 MISTIE
19		880	✓							5.3	-5.3	9.8		122		
20		0	✓							5.0	-5.2	9.9	π	121		

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AREA SO. BARROW - NAR - 4 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) LX PARTY No. 195 DATE 2.5 Day Nov Mo. 1974 Yr. BOOK No. 1
 SURVEYOR T. SHERKILL RODMAN J. PRETZ WEATHER: CLEAR-COLD 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											15.1					
2	NW	880	✓							-5.5		9.6		LX-120		
3		1760	✓							-6.2		8.9		119		
4		2640		89°51'50"	0.063					+1.7		-6.3	8.8	○	118	LAKE 'B'
5	SE	2640	✓							+4.2			13.0	△		" "
6		1760	✓									8.8		117	" "	
7		880	✓									8.8		116	" "	
8		0	✓								-5.2	7.8		π	115	
9	NW	880	✓									9.6		114	LAKE 'C'	
10		1760	✓									9.6		113	"	
11		2640	✓									9.6		○	112	"
12	SE	2640	✓										13.7	△		"
13		1760	✓									-4.4			111	
14		880	✓									-4.9			110	
15		0	✓									-5.2			π	109
16	NW	880	✓									-4.1			108	
17		1760	✓									-5.0			107	
18		2640	✓									-8.2		○	106	LAKE 'D'
19												5.5			105	" "
20												5.5			104	" "

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AREA So. BARROW - N.P.R. 4 STATE or PROVINCE ALASKA PAGE No. 13
 LINE No.(s) LX PARTY No. 195 DATE 25 Day Nov Mo. 1974 Yr. BOOK No. 1
 SURVEYOR T. SHERRILL RODMAN J. PRETZ, WEATHER: CLEAR - COLD 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												5.5				
2												5.5		LX-104		LAKE "D"
3	SE	880	✓					9.1	+9.1	14.6				Δ LX-103		" "
4		0	✓					5.2	-5.2			9.4		π 102		
5	NW	880	✓					6.2	-6.2			8.4		⊙ 101		
6	SE	880	✓					6.2	+6.2	14.6				Δ		
7		0	✓					5.2	-5.2			9.4		π 102		
8	SE	600	✓					9.0	-9.0			5.6		⊙		LAKE "D"
9	NW	2550	✓					8.6	+8.6	14.2				Δ		
10		0	✓					5.2	-5.2			9.0		π T.P.1		
11	SE	1710	✓					4.7	-4.7			9.5		⊙		LAKE "C"
12	NW	500	✓					3.4	+3.4	12.9				Δ		
13		0	✓					5.2	-5.2			7.7		π T.P.2		
14	SE	500	✓					4.3	-4.3			8.6		⊙		LAKE "B"
15	NW	2640	✓					6.3	+6.3	14.9				Δ		
16		0	✓					5.2	-5.2			9.7		π LX-121		
17	SE	3145	✓					3.5	-3.5			11.4		⊙ INT. L-11		LINE Y
18												11.6		L-11		P-15
19																
20												±0.2		MISTIE		

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