

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 18
 LINE No. 653 PARTY No. 1182 DATE 10 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERILL RODMAN R. MERRITT WEATHER BLOWING SNOW P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
	SE	440		89 36 40				9.0			+6.1	18.6	12.5		REFER PAGE 16 - LINE 15	
		480		270 22 40			9.0							Δ	S.P. 4 - LINE 600	= S.P. 3 - LINE 653
		580		89 51 30			9.0			-6.8		11.8		Δ	S.P. 2	
		1320		89 54 10			9.0			-6.7		11.9			S.P. 1	
		1760		89 55 50			9.0			-6.8		11.8			T.S. 1	
		2200		89 56 30			9.0			-6.7		11.9			T.S. 2	
		2680		89 56 40			9.0			-6.3		12.3			T.S. 3	
		3080		89 57 10			9.0			-6.3		12.3			T.S. 4	
		3520		89 57 20			9.0			-6.0		12.6			T.S. 5	
		3960		89 57 00			9.0			-5.6		13.0			T.S. 6	
		0					5.0			-5.0		13.0		✓	S.P. 4	
	NW	440		89 31 10			9.0			-5.3		13.3			5	
		880		89 47 40			9.0			-5.8		12.8			6	
		1320		89 55 50			9.0			-7.4		10.2			7	
		1760		89 59 10			9.0			-8.5		10.1			8	
		2200		89 59 00			9.0			-8.3		10.3			9	
		2640		89 59 00			9.0			-8.0		10.6		⊙	10	
		✓		270 01 20			9.0							⊙		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 19
 LINE No. 653 PARTY No. 1182 DATE 10 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR J. SHERRILL RODMAN R. MERRITT WEATHER BLOWING SNOW P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hoir. Read	Reading	Correction	Center Hair			INST.	ROD				▲ BS ○ FS - SS
	SE	2640		89	55 10				9.0?		+5.0	13.6	10.6				
	✓			270	05 20				9.0}					▲	5P.10		
		2200		89	53 00				9.0		-4.4		11.2		11		
		1760		89	45 20				9.0		-1.4		14.2		12		
		1320		89	49 00				9.0		-4.7		10.9		13		
		880		89	42 30				9.0		-4.5		11.7		14		
		440		89	32 10				9.0		-5.4		10.7		15		
		0	✓						5.0		-5.0		10.6		16		
	NW	440		89	30 40				9.0		-5.2		10.4		17		
		880		89	46 00				9.0		-5.4		10.2		18		
		1320		89	50 00				9.0		-5.1		10.5		19		
		1760		89	53 00				9.0		-5.4		10.2		20		
		2200		89	54 00				9.0		-5.1		10.5		21		
		2640		89	54 40				9.0 }		-4.6		11.0		22		
	✓			270	05 40				9.0 }						22		
	SE	2640		89	58 10				9.0?		+7.3	18.3			22		
	✓			270	02 10				9.0 }						22		
		2200		89	56 30				9.0		-6.7		11.6		23		

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STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 20
 LINE No. 653 PARTY No. 1132 DATE 10 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SWERRILL RODMAN R. MERRITT WEATHER BLowing SNOW P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hair			INST.	ROD			
	SE	1760		89	51 00				9.0		-4.3	18.3	14.0		51.20	
		1320		89	51 10				9.0		-5.6		12.7		25	
		830		89	44 30				9.0		-5.0		13.3		26	
		440		89	35 20				9.0		-5.8		12.5		27	
		0	✓						5.0		-5.0		13.3	π	28	
	NW	440		89	32 00				9.0		-5.4		12.9		29	
		830		89	44 00				9.0		-4.9		13.4		30	
		1320		89	48 40				9.0		-4.6		13.7		31	
		1760		89	50 20				9.0		-4.0		14.3		32	
		2200		89	28 40				9.0		+11.2		29.5		33	
		2640		89	31 30				9.0?		+13.2		31.5	0	34	
				270	29 00				9.0					0		
	SE	2640		89	58 30				9.0?		+7.4	38.9		Δ	34	
				270	02 20				9.0					Δ		
		2200		89	57 30				9.0		-7.3		31.6		35	
		1760		89	55 30				9.0		-6.6		32.3		36	
		1320		89	51 30				9.0		-5.7		33.2		37	
		880		89	44 20				9.0		-5.0		33.9		38	

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STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 21
 LINE No. 653 PARTY No. 182 DATE 10 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERILL RODMAN R. MERRITT WEATHER Blowing snow P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
												38.9				
	SE	440		89	30 00				9.0		-5.2	33.7		51.39		
		0	✓						5.0		-5.0	33.9	π	40		
	NW	440		89	35 50				9.0		-5.9	33.0		41		
		880		89	54 10				9.0		-7.5	31.4		42		
		1320		89	09 10				9.0		-12.5	26.4		43		
		1760		89	14 20				9.0		-16.3	23.6		44		
		2200		89	15 10				9.0		-18.6	20.3		45		
		2640		89	13 10				9.0		-18.6	20.3	0	46		
		✓		289	47 50				9.0				0			
	SE	1320		89	50 50				9.0		+5.3	25.6		44		
		✓		270	10 00				9.0					44		
		1245		89	50 00				9.0		-5.3	20.3		INT		
		1250		89	50 00				9.0		-5.3	20.3		INT		
		880		89	47 00				9.0		-5.7	19.9		47		
		440		89	34 10				9.0		-5.7	19.9		48		
		0	✓						5.0		-5.0	20.6	π	49		
	NW	440		89	35 30				5.0		-5.9	19.7		50		
		880		89	47 40				9.0		-5.8	19.8		51		

INT = S.P. 53 + 306-657
 306-657 (REVER P-10 A-3)
 19.8
 20.3
 + 1.0.5 MISTIE

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 22

LINE No. 653 PARTY No. 1182 DATE 10 Day 1 Mo. 79 Yr. BOOK No. 1

SURVEYOR T. SHERMILL RODMAN R. MERRITT WEATHER BLUISH SNOW P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hair			INST.	ROD			
	NW	1320		89	51 10				9.0		-6.6	25.6	20.0	S.S.2		
		1760		89	50 00				9.0		-3.8		21.8	T.S.1		
		2200		89	49 30				9.0		-2.2		23.4	T.S.2		
		2640		89	53 00				9.0		-3.5		22.1	T.S.3		
		3080		89	55 30				9.0		-4.8		20.8	T.S.4		
		3520		89	55 30				9.0		-4.1		24.5	T.S.5		
		3960		89	57 40				9.0		-6.0		19.6	T.S.6		
RESUME BY LINE 657																
	W	2640		89	44 30				9.07					A 58.40		
		✓		270	14 30				9.07					B		
		0	✓						5.0	-5.0				X 52		CHECK
	E	2640		89	45 50				9.07					O 58		ONLY
		✓		270	14 00				9.07					O		
		0	✓						5.0					X 79		
				90	01 50				9.07					O		
				269	58 00				9.07					O		

WORKED BY _____ CHECKED BY _____ 2nd _____