

STADIA SURVEY NOTES

AREA BARKOW STATE ALASKA PAGE No. 41
 LINE No. 661 PARTY No. 1182 DATE 15 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR J. SHERILL RODMAN R. MERRITT WEATHER CLEAR 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				
	NE	22.09		89	58 10			9.02			+2.9	30.1	22.2	REFER PL 7 LINE 10			
				270	01 10			9.03						A SPIT - ALIVE (S)			COMMON WITH
		17.60		89	58 00			9.0			-7.9		22.2	Δ SP 6			SP 6 - LINE 661
		13.20		89	58 20			9.0			-7.2		22.9		5		
		8.80		89	59 30			9.0			-3.7		26.4		4		
		4.40		89	22 10			9.0			-4.2		25.9		3		
		0						5.0			-5.0		25.1	✓	2		
	SW	4.40		89	29 00			9.0			-5.0		25.1		1.81		
		8.80		89	42 00			9.0			-4.4		25.7		2		
		13.20		89	48 10			9.0			-4.4		25.7		3		
		17.60		89	54 10			9.0			-5.9		24.2		4		
		22.00		89	54 40			9.0			-5.5		24.6		5		
		26.40		89	55 20			9.0			-5.3		24.8		6		
													22.2	REFER LINE 1			
	SW	26.40		90	01 30			9.0			+9.8	32.0		Δ 6			
				269	59 00			9.03						Δ			
		22.00		90	01 40			9.0			-10.0		22.0		3		
		17.60		90	04 30			9.0			-11.2		20.8		4		

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 LINE No. 161 PARTY No. 1182 DATE 15 Day 1 Mo. 79 yr. BOOK No. 1
 SURVEYOR T. SHERRILL ROOMAN R. MERRITT WEATHER CLEAR 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 Hoir			INST.	ROD			
												32.0				
	SW	1320		90	03 20				9.0		-10.2	21.8		SP.9		
		880		90	04 00				9.0		-10.0	22.0		10		
		140		89	56 40				9.0		-8.6	23.4		11		
		0	✓						5.0		-5.0	27.0	h	12		
	NE	440		89	16 50				9.0		-3.5	28.5		13		
		880		89	42 40				9.0		-4.5	27.5		14		
		1320		89	46 40				9.0		-3.8	28.2		15		
		1760		89	49 10				9.0		-3.4	28.6		16		
		2200		89	50 00				9.0		-2.5	29.5		17		
		2640		89	50 10				9.0		-0.9	31.1	0	18		
		✓		270	11 00				9.0				0			
	SW	2640		90	03 10				9.0		+10.9	42.0		18		
		✓		269	57 50				9.0					19		
		2200		90	05 10				9.0		-12.2	29.8		19		
		1760		90	05 40				9.0		-11.8	30.2		20		
		1320		90	08 50				9.0		-12.4	29.6		21		
		880		90	13 20				9.0		-12.4	29.6		22		
		440		90	08 00				9.0		-10.0	32.0		23		

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AREA BARKAN STATE ALASKA PAGE No. 43
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 SURVEYOR T. SHERRILL RODMAN R. MERRITT WEATHER CLEAR 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 Hoir			INST.	ROD			
		0	✓									42.0				
	NE	440		89	58 30				9.0		-5.0		37.0	A	30 24	
		880		89	58 20				9.0		-8.8		33.2		25	
		1320		90	00 10				9.0		-8.6		33.4		26	
		1760		90	02 10				9.0		-9.0		33.0		27	
		2200		90	02 10				9.0		-10.0		32.0		28	
		2640		90	02 10				9.0		-10.3		31.7		29	
		✓ 2640		90	02 10				9.0		-10.1		31.9	0	30	
		✓ 2640		269	59 00				9.0					0		
	SW	2640		89	36 00				9.0		-10.0	21.9		A	30	
		✓ 2640		270	25 10				9.0					A		
		2200		89	30 20				9.0		+10.1		32.0		31	
		1760		89	24 30				9.0		+9.2		31.1		32	
		1320		89	20 10				9.0		+6.3		28.2		33	
		880		89	08 20				9.0		+4.2		26.1		34	
		440		89	13 20				9.0		-3.0		18.9		35	
		0	✓						5.0		-5.0		16.9	A	36	
	NE	440		89	42 50				9.0		-6.8		15.1		37	
		880		89	51 20				9.0		-6.8		15.1		38	

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 SURVEYOR T. SHERKILL RODMAN R. MERRITT WEATHER CLEAR 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			
												21.9				
	NE	1106	89	51 20				9.0			-6.2	15.7		S.P. 39 + 2.26 - 1.64		286
		1118	89	52 00				9.0			-6.4	15.5		S.P. 3 - LINE 4.54		E 15.2 (P. 37 L-3)
		1320	89	52 10				9.0			-6.0	15.9		S.P. 39		-15.5
		1760	89	49 20				9.0			-3.5	18.4		40		
		2200	89	52 00				9.0			-3.8	18.1		41		+ 0.3 MISTIE
		2640	89	55 40				9.0?			-5.1	16.8		42		
			270	05 20				9.0						0		
	SW	2640	89	53 40				9.0?			+3.7	20.5		42		
			270	07 10				9.0						42		
		2200	89	53 20				9.0			-4.6	15.9		43		
		1760	89	51 40				9.0			-4.7	15.8		44		
		1320	89	49 10				9.0			-4.8	15.7		45		
		880	89	46 30				9.0			-5.5	15.0		46		
		440	89	30 10				9.0			-5.2	15.3		47		
		0						5.0			-5.0	15.0		48		
	NE	440	89	38 10				9.0			-6.2	14.3		49		
		880	89	47 10				9.0			-5.7	14.8		50		
		1320	89	49 50				9.0			-5.1	15.4		51		

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AREA BARROW STATE ALASKA PAGE No. 45
 LINE No. 661 PARTY No. 1182 DATE 1182 Day 15 Mo. 1 Yr. 79 BOOK No. 1
 SURVEYOR T. SHAW RODMAN R. MERRITT WEATHER CLEAR 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	Hoir Read	Reading	Correction	Center Hoir			INST.	ROD			
												20.5				
	NE	1485		89	51 30				9.0		-5.3	13.2				
	NE	1580		89	50 00				9.0		-4.6	15.9				
	NE	1760		89	52 50				9.0		-5.3	15.2				
		2200		89	56 20				9.0		-6.6	13.9				
		2640		89	59 40				9.0		-8.2	12.3				
		✓		270	01 30				9.0							
	SW	2140		89	56 10				9.0		+5.5	17.8				
		✓		270	05 00				9.0							
		2200		89	56 00				9.0		-6.3	11.5				
		1760		89	53 10				9.0		-5.4	12.4				
		1320		89	50 40				9.0		-5.4	12.4				
		880		89	54 40				9.0		-7.6	10.2				
		440		89	53 10				9.0		-8.1	9.7				
		0							5.0		-5.0	12.8				
	NE	440		89	20 00				9.0		-3.9	13.9				
		880		89	39 50				9.0		-3.8	14.2				
		1320		89	49 30				9.0		-4.9	12.9				
		1760		89	53 00				9.0		-5.4	12.4				

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AREA BARROW STATE ALASKA PAGE No. 46
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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			
	NE	2200		89 58 20				90			-7.8	17.8				
		2640		90 00 20			90.7				-8.7		10.0	52.65		
				270 00 50			90.7						9.1	66		
	SW	2100		89 50 20			90.7				+2.3	11.4		66		
		1760		770 10 50			90.1							67		
		1320		89 50 30			90				-4.1		7.3	68		
		880		89 48 10			90				-4.4		7.0	69		
		440		89 39 30			90				-3.7		7.7	70		
		0		89 27 20			90				-4.8		6.6	71		
	NE	440		89 08 30			90				-5.8		6.4	71.1		
		880		89 33 30			90				-2.4		9.0	72		
		1320		89 35 00			90				-2.2		9.2	73		
		1760		89 36 00			90				+0.6		12.0	74		
		2200		89 40 50			90				+3.4		14.8	75		
		2640		89 44 40			90				+2.9		14.3	76		

WORKED BY _____ CHECKED BY _____ 2nd _____