

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 1
 LINE No. 655 PARTY No. 1182 DATE 7 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHEPHERD 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			
	N	2640		89 51 30						9.0	+1.3	30.3	28.0	Δ	INT.	
	✓			270 08 30						9.0				Δ	B-9/B-24	connected with T.S. 6
		7200		89 46 40						9.0	-0.4		29.9		T.S. 5	
		1760		90 01 00						9.0	-9.5		20.8		T.S. 4	
		1320		89 59 10						9.0	-8.6		21.7		T.S. 3	
		880		89 56 00						9.0	-8.0		22.3		T.S. 2	
		440		89 44 40						9.0	-7.0		23.3		T.S. 1	
		0	✓							5.0	-5.0		25.3	X	S.P. 1	
	S	440		89 06 50						9.0	-2.2		28.1		2	
		880		89 26 20						9.0	-0.4		29.9		3	
		1320		89 34 00						9.0	+1.0		31.3		4	
		1760		89 37 10						9.0	+2.3		32.6		5	
		2200		89 39 40						9.0	+4.1		34.4		6	
		2640		89 51 50						9.0	-2.3		28.2	○	7	
	✓			270 09 30						9.0				○		
	N	2640		89 53 30						9.0	+3.4	31.6		Δ	7	
	✓			270 07 50						9.0				Δ		
		2200		89 53 20						9.0	-4.6		27.0	B		

WORKED BY _____ CHECKED BY _____ 2nd _____

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AREA BARROW STATE ALASKA PAGE No. 2
 LINE No. 655 PARTY No. 1182 DATE 7 Day 1 Mo. 79 Yr. BOOK No. 1
 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		BS FS - SS	Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD					
												31.6						
	N	1760		89 49 40				9.0			-3.7		27.9		5.9			
		1320		89 48 10				9.0			-4.4		27.2		10			
		880		89 44 00				9.0			-4.9		26.7		11			
		440		89 29 20				9.0			-5.1		26.5		12			
		0						5.0			-5.0		26.6	x	13			
	S	440		89 35 00				9.0			-5.8		25.8		14			
		880		89 49 40				9.0			-6.3		25.3		15			
		1320		89 36 00				9.0			-7.4		24.2		16			
		1760		89 55 30				9.0			-6.6		25.0		17			
		2200		89 56 30				9.0			-6.7		24.9		18			
		2640		89 56 00				9.0			-5.4		26.2	0	19			
		✓		270 05 10				9.0						0				
	N	2640		89 57 40				9.0			+6.9	32.8		A	19			
		✓		270 03 20				9.0						Δ				
		2200		89 56 10				9.0			-6.5		26.3		20			
		1760		89 49 00				9.0			-3.3		29.5		21			
		1320		89 43 00				9.0			-2.4		28.4		22			
		880		89 38 00				9.0			-3.4		29.4		23			

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AREA BALLOU STATE ALASKA PAGE No. 3
 LINE No. 655 PARTY No. 1182 DATE 7 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERRILL RODMAN R. MCELWITT WEATHER CLEAR P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		BS FS SS	Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hoir			INST.	ROD				
	N	440		89 27 30				9.0		(-4.8)	-4.8	32.8	28.0		SP 24		
		0	✓					5.0			-5.0		27.8	π	25		
	S	440		89 35 20				9.0			-5.8		27.0		26		
		880		89 49 20				9.0			-6.3		26.5		27		
		1320		89 51 00				9.07			-5.8		27.5		28		INT 655 = SP 28
		✓		270 09 55				9.07			-				28		657 = SP 3
		1760		89 55 10				9.0			-6.5		26.3		29		
		2200		89 53 00				9.0			-4.4		28.4		30		
		2640		89 53 10				9.07			-3.4		29.4	⊙	31		
		✓		270 03 00				9.07			-			⊙			
	N	2640		89 58 00				9.07			+7.1	36.5		Δ	31		
		✓		270 03 00				9.07			-			Δ			
		2200		89 57 00				9.0			-7.0		29.5		32		
		1760		89 54 30				9.0			-6.1		30.4		33		
		1320		89 52 40				9.0			-6.2		30.3		34		
		880		89 48 00				9.0			-5.9		30.6		35		
		440		89 35 40				9.0			-5.9		30.6		36		
		0						9.0			-5.0		31.5	π	37		

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AREA BARROW STATE ALASKA PAGE No. 4
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 SURVEYOR T. SHERRILL 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		BS FS - SS	Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD					
												36.5						
	S	440		89 30 00				9.0			-5.2		31.3		51.38			
		880		89 43 00				9.0			-9.6		31.9		39			
		1320		89 47 10				9.0			-4.0		32.5		40			
		1760		89 52 40				9.0			-5.2		31.3		41			
		2200		89 56 20				9.0			-6.6		29.9		42			
		2640		89 55 20				9.07			-5.1		31.4	0	43			
		✓		270 05 50				9.05						0				
	N	2640		89 56 40				9.07			+6.1	37.5		A	43			
		✓		270 04 30				9.05						A				
		2200		89 57 40				9.0			-7.4		30.1		44			
		1760		89 55 10				9.0			-6.5		31.0		45			
		1320		89 52 20				9.0			-6.0		31.5		46			
		880		89 46 40				9.0			-5.6		31.9		47			
		440		89 34 00				9.0			-5.7		31.8		48			
		0						5.0			-5.0		32.5	T	49			
	S	440		89 30 50				9.0			-5.3		32.2		50			
		880		89 44 40				9.0			-5.1		32.4		51			
		1320		89 49 40				9.0			-5.0		32.5		52			

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AREA BARROW STATE ALASKA PAGE No. 5
 LINE No. 655 PARTY No. 1182 DATE 7 Day 1 Mo. 79 yr. BOOK No. 1
 SURVEYOR T. SHELLIN 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		BS FS - SS	Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD				
1	S	1160		89 49 50				9.0			-3.7	37.5	33.8		S 153		
		2200		89 45 10				9.0			+0.6		38.1		50		
		2640		89 48 20				9.0			+0.1		37.6		55		
		3080		89 49 30				9.0			+0.9		38.4	0	56		END OF LINE
		3520		270 11 40				9.0						0			
2	N	880		89 20 40				4.0			-6.1	32.3	26.5	Δ	57		
		440		90 14 00				4.0			-5.8		26.5		T. 3.1		
		0	✓					5.0			-5.0		27.3	π	2		
		440		90 22 40				4.0			-6.9		25.4		3		
		880		90 15 00				4.0			-7.8		24.5		4		
	S	1320		90 05 50				4.0			-6.2		26.1		5		
		1760		90 04 40				4.0			-6.3		26.0		6		

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