

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 36
 LINE No. 654 PARTY No. 1152 DATE 14 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHARRILL RODMAN W. MURPHY WEATHER LIGHT HAZE 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			
	S	2640		89 57 40				9.07		+6.8	35.2	28.4			(REFER) PAGE 9	4
		✓		270 03 00				9.07					A	18	Common with	
		2260		89 57 10				9.0		-7.1		28.1	Δ		40+165-1115 657	
		1760		89 56 30				9.0		-7.1		28.1		16		
		1320		89 55 30				9.0		-7.2		28.0		15		
		880		89 54 30				9.0		-7.6		27.6		14		
		440		89 50 40				9.0		-7.8		27.4		13		
		0	✓					8.0		-5.0		30.2	Δ	12		
	N	440		89 28 00				9.0		-4.9		30.3		11		
		880		89 50 20				9.0		-6.5		28.7		10		
		1320		89 56 00				9.0		-7.4		27.8		9		
		1760		89 57 10				9.0		-7.5		27.7		8		
		2200		89 59 20				9.0		-8.5		26.7		7		
		2640		90 04 50				9.07		-12.2		23.0		6		
		✓		269 56 10				9.05					0			
													0			
	S	2200		89 45 50				9.07		-0.4	22.6		Δ	6		
		✓		270 15 00				9.07					Δ			
		1760		89 51 00				9.0		-4.3		18.3		5		

STADIA SURVEY NOTES

AREA BARLOW STATE ALASKA PAGE No. 37
 LINE No. 654 PARTY No. 1182 DATE 14 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERRELL ROOMAN R. MERRITT WEATHER Hazy 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				
												22.6					
	S	1320		89	53 20			9.0			-6.4	16.2		5.44			
		880		89	53 50			9.0			-7.4	15.2		3			REFER L-3
		480		89	37 40			9.0			-6.1	16.5		2			P-42
		0	✓					5.0			-5.0	17.6		1			
	N	440		89	37 00			9.0			-6.1	16.5		7.51			
		880		89	42 30			9.0			-4.5	18.1		2			
		1320		89	56 00			9.0			-7.4	15.3		3			
		1760		90	06 10			9.0			-12.1	10.5		4			
		2200		90	04 50			9.0			-12.0	10.6		5			
		2640		90	04 20			9.0			-12.2	10.4		6			
												28.4					REFER L-2 P-36
	N	2640		89	46 30			9.0			-1.8	26.6		D 5.18			
		✓		270	14 10			9.0						1			
		2600		89	44 10			9.0			+1.2	27.8		19			
		1760		89	41 50			9.0			+0.4	27.0		20			
		1320		89	41 30			9.0			-1.9	24.7		21			
		880		89	41 00			9.0			-4.1	22.5		22			
		440		89	30 30			9.0			-5.2	21.4		23			

STADIA SURVEY NOTES

AREA BARLOW STATE ALASKA PAGE No. 38
 LINE No. 654 PARTY No. 1182 DATE 14 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERKILL RODMAN R. MERRITT WEATHER WAZ 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			
		0										26.6				
S	440	✓						5.0			-5.0	21.6		28		
	880		89	31	40			9.0			-5.4	21.2		25		
	1320		89	49	00			9.0			-6.2	20.4		26		
	1760		89	51	30			9.0			-5.7	20.9		27		
	2200		89	50	10			9.0			-3.9	22.7		28		
	2640		89	51	50			9.0			-3.7	22.9		29		
	3080		89	55	40			9.0			-5.3	21.3		30		
	2700		270	05	00			9.0						0		
N	2160	✓						9.0		+7.5		28.8		30		
	2200		170	02	00			9.0						31		
	1760		89	57	40			9.0		-7.4		21.4		32		
	1320		89	57	20			9.0		-7.6		21.2		33		
	880		89	54	30			9.0		-6.9		21.9		34		
	440		89	50	10			9.0		-6.5		22.3		35		
	0	✓	89	33	50			9.0		-5.6		23.2		36		
S	440							5.0			-5.0	23.8		37		
	880		89	32	40			9.0			-5.5	23.3		38		
			89	40	20			9.0			-3.9	24.9				

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA Barrow STATE ALASKA PAGE No. 39
 LINE No. 654 PARTY No. 1182 DATE 14 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERKILL RODMAN R. MERRITT WEATHER HAZE P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A 0 - SS	Station	FINAL ELEVATIONS												REMARKS												
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD																											
	S	1320		89	40 10				9.0		-1.3	28.8	27.5		52.39																									
		1760		89	48 30				9.0		-3.0		25.8		40																									
		2200		89	57 40				9.0		-3.6		25.2		41																									
		2640		89	55 00				9.07		-4.8		24.0		42																									
		✓ 2700		89	05 40				9.0						42																									
	N	2640		89	47 10				9.07		-1.3	22.7			42																									
		✓ 2700		270	13 30				9.0						42																									
		2200		89	48 30				9.0		-0.3		22.4		43																									
		1760		89	45 40				9.0		-1.6		21.1		44																									
		1320		89	40 50				9.0		-1.6		21.1		45																									
		880		89	42 00				9.0		-4.4		18.3		46																									
		440		89	31 40				9.0		-5.4		17.3		47																									
		0		✓ 5.0					5.0		-5.0		17.7		48																									
	S	440		89	30 40				9.0		-5.2		17.5		49																									
	→ N	605		89	42 30				9.0		-5.9		16.8		PIPK																									
	S	880		89	43 30				9.0		-4.8		17.9		T.S.I																									
		1320		89	50 00				9.0		-5.1		17.6		2																									
		1760		89	50 00				9.0		-3.8		18.9		3																									

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 40
 LINE No. 654 PARTY No. 1182 DATE 14 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERKILL RODMAN R. MERRITT WEATHER HAZE 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			
	<u>S</u>	<u>2200</u>		<u>89 51 40</u>				<u>9.0</u>			<u>-3.6</u>	<u>22.7</u>	<u>19.1</u>	<u>F.S. 4</u>		
		<u>2640</u>		<u>89 52 50</u>			<u>9.0</u>			<u>-3.4</u>	<u>19.3</u>		<u>19.3</u>	<u>S</u>		
		<u>3280</u>		<u>89 53 00</u>			<u>9.0</u>			<u>-2.5</u>	<u>20.2</u>		<u>20.2</u>	<u>0</u>	<u>6</u>	

WORKED BY _____ CHECKED BY _____ 2nd _____