

STADIA SURVEY NOTES

AREA BARLOW STATE ALASKA PAGE No. 50  
 LINE No. 620 PARTY No. 1182 DATE 16 Day 1 Mo. 79 Yr. BOOK No. 1  
 SURVEYOR T. SHERRILL 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			
	<u>W</u>	<u>4043</u>		<u>89 52 50</u>				<u>9.0</u>			<u>+0.5</u>	<u>27.1</u>	<u>26.8</u>	<u>1</u>		<u>(26.86)</u>
		<u>0</u>		<u>270 06 40</u>			<u>9.0</u>							<u>Δ</u>		
		<u>0</u>					<u>5.0</u>				<u>-5.0</u>	<u>22.1</u>		<u>Δ</u>		
		<u>0</u>					<u>5.0</u>				<u>-5.0</u>	<u>22.1</u>		<u>0</u>		<u>330' SE of S.P.1 2ND GROUP on T.S. TOWARD T.S.1</u>
														<u>0</u>		<u>ALL T.S. on LAKE at T.S.1 → SAME ELEV.</u>
	<u>NW</u>	<u>330</u>		<u>89 21 30</u>			<u>9.0</u>				<u>-5.3</u>	<u>21.8</u>		<u>S.P.1</u>		
		<u>1210</u>		<u>89 47 30</u>			<u>9.0</u>				<u>-4.6</u>	<u>22.5</u>		<u>.2</u>		
		<u>2090</u>		<u>89 51 20</u>			<u>9.0</u>				<u>-3.6</u>	<u>23.5</u>		<u>3</u>		
		<u>2970</u>		<u>89 51 10</u>			<u>9.0</u>				<u>-1.0</u>	<u>26.1</u>		<u>0</u>	<u>4</u>	
		<u>✓</u>		<u>270 09 10</u>			<u>9.0</u>							<u>0</u>		
	<u>SE</u>	<u>2840</u>		<u>90 05 10</u>			<u>9.0</u>				<u>+12.2</u>	<u>38.3</u>		<u>Δ</u>	<u>4</u>	
		<u>✓</u>		<u>269 55 10</u>			<u>9.0</u>							<u>Δ</u>		
		<u>1430</u>		<u>89 59 00</u>			<u>9.0</u>				<u>-8.5</u>	<u>29.8</u>		<u>5</u>		
		<u>550</u>		<u>89 33 00</u>			<u>9.0</u>				<u>-4.7</u>	<u>33.6</u>		<u>6</u>		
		<u>0</u>					<u>5.0</u>				<u>-5.0</u>	<u>33.3</u>		<u>π</u>	<u>6+550</u>	
	<u>NW</u>	<u>330</u>		<u>89 53 40</u>			<u>9.0</u>				<u>-8.4</u>	<u>29.9</u>		<u>7</u>		
		<u>1210</u>		<u>90 02 00</u>			<u>9.0</u>				<u>-2.7</u>	<u>28.6</u>		<u>8</u>		
		<u>2090</u>		<u>90 08 00</u>			<u>9.0</u>				<u>-13.8</u>	<u>24.5</u>		<u>9</u>		

WORKED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ 2nd \_\_\_\_\_

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 51  
 LINE No. 1020 PARTY No. 1182 DATE 16 Day 1 Mo. 79 Yr. BOOK No. 1  
 SURVEYOR T. SHERRILL ROOMAN R. MERRIST 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			
	NW	2970		90	08 00			9.0			-15.6		22.7	0	SP. 10	
		✓		26.9	52 20			9.0						0		
	SE	2640		89	56 10			9.0		+5.7		28.2		Δ	10	
		✓		270	04 20			9.0						Δ		
		1760		89	53 50			9.0		-5.8		22.4			11	
		880		89	45 40			9.0		-5.3		22.9			12	
		0	✓					5.0		-5.0		23.2		π	13	
	NW	880		89	48 50			9.0		-6.1		22.1			14	
		1760		89	56 30			9.0		-7.1		21.1			15	
		2640		89	56 30			9.0		-6.0		22.2		0	16	
		✓		270	03 50			9.0						0		
	SE	2640		89	55 50			9.0		+5.6		27.7		Δ	16	
		✓		270	04 20			9.0						Δ		
		1760		89	48 20			9.0		-3.0		24.7			17	
		880		89	35 50			9.0		-2.8		24.9			18	
		0	✓					5.0		-5.0		22.7		π	19	
	NW	880		89	44 00			9.0		-4.9		22.8			20	

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STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 52  
 LINE No. 620 PARTY No. 1182 DATE 16 Day 1 Mo. 79 Yr. BOOK No. 1  
 SURVEYOR T. SHERRILL 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			
	NW	1760		89 50 30			9.0				-4.1	27.7				
		2640		89 53 50			9.0				-3.9		23.6	SP 21		
				270 06 50			9.0						23.8	22		
	SE	2640		89 55 10			9.0				+4.9	28.5		A 22		
				270 05 30			9.0							A		
		1760		89 52 00			9.0				-4.8		23.7	23		
		880		89 38 10			9.0				-3.4		25.1	24		
		0					5.0				-5.0		23.5	25		
	NW	880		89 49 40			9.0				-6.3		22.2	26		
		1760		89 53 50			9.0				-5.8		22.7	27		
		2640		89 56 10			9.0				-5.7		22.0	28		
				270 04 20			9.0							0		
	SE	2640		89 58 30			9.0				+7.6	30.3		A 28		
				270 01 50			9.0							A		
		1760		89 56 50			9.0				-7.3		23.0	29		
		880		89 47 30			9.0				-5.8		24.5	30		
		0					5.0				-5.0		25.3	31		

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STADIA SURVEY NOTES

5

AREA BARLOW STATE ALASKA PAGE No. 54  
 LINE No. 620 PARTY No. 1182 DATE 17 Day 1 Mo 79 Yr BOOK No. 1  
 SURVEYOR T. SHERKILL RODMAN R. MERRITT WEATHER LIGHT SNOW 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 Hair			INST.	ROD					
												35.0						
	NW	0 880	✓						5.0		-5.0		30.0	π	43			
		1760		90 01 30					9.0		-9.4		25.6		44			
		2640		90 03 00					9.0		-10.5		24.5		45			
		✓		90 01 40					9.02		-10.2		24.8	0	46			
				269 58 10					9.02					0				
	SE	2640		90 09 50					9.07		+16.4	41.1		Δ	46			
		✓		269 50 10					9.02					Δ				
		1760		90 09 30					9.0		-13.8		27.3		47			
		880		89 49 40					9.0		-6.3		34.8		48			
		0	✓						5.0		-5.0		36.1	π	49			
	NW	880		89 39 40					9.0		-3.8		37.3		50			
		1760		89 39 40					9.0		+1.5		42.6		51			
		2640		89 34 10					9.07		+11.2		52.3	0	52			
		✓		270 26 20					9.02					0	52			
	SE	2640		90 01 30					9.07		+9.9	62.0		Δ	52			
		✓		269 58 50					9.02					Δ				
		1760		89 59 20					9.0		-8.6		53.4		53			

WORKED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ 2nd \_\_\_\_\_

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 55  
 LINE No. 620 PARTY No. 1182 DATE 17 Day 1 Mo. 79 Yr. BOOK No. 1  
 SURVEYOR T. SHERRILL RODMAN R. MERRITT WEATHER LIGHT 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			
	SE	080		89	52 20			9.0			-6.5	62.0	55.5		51.54	
		0	✓					5.0			-5.0		57.0	π	55	
	NW	080		91	04 30			9.0			-25.5		36.5		56	
		1760		90	34 40			9.0			-26.7		35.3		57	
		2640	✓	90	24 40			9.07			-27.5		34.5	0	58	
				269	36 00			9.05						0		
	SE	2640		89	53 50			9.05			+3.9	38.2		Δ	58	
		✓		270	06 50			9.05						Δ		
		1760		89	50 00			9.0			-3.8		34.4		59	
		080		89	40 10			9.0			-3.9		34.3		60	
		0	✓					5.0			-5.0		33.2	π	61	
	NW	080		89	59 20			9.0			-8.8		29.4		62	
		1760		89	56 30			9.0			-7.1		31.1		63	
		2640		89	55 50			9.05			-5.4		32.8	0	64	LAST S.P.
		✓		270	04 50			9.05						0		
													0.0	T.S.I		SEA LEVEL - ON ICE

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 56  
 LINE No. 620 PARTY No. 1182 DATE 17 Day 1 Mo. 79 Yr. BOOK No. 1  
 SURVEYOR T. SHERILLU 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		Δ BS 0 FS - SS					
	NE	1810		<del>89</del> 59 50				3.07		+8.6	41.5		Δ	51.64						
		✓		270 01 00				3.0					Δ							
		0						5.0		-5.0			T	TAI						
	SW	1680		89 47 10				5.0		+1.5		43.0	Δ	79.01						
		✓		270 13 40				<u>5.0</u>				44.4	0	1182						Δ HELP 42.98

1.4 MISTIE

WORKED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ 2nd \_\_\_\_\_