

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 6
 LINE No. 657 PARTY No. 1182 DATE 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	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
			TAKE OFF S.P. 28-LINE 655 = INT 655/657 =													
	W	440		89	25	10			9.0		+4.5	27.5		SP. 28		= S.P. 3 LINE 657
				89	35	10			9.0							= S.P. 28 LINE 655
		880		89	39	20			9.0		-3.7	28.3		SP. 2		
		1320		89	41	40			9.0		-1.9	30.1		SP. 1		
		1760		89	51	00			9.0		-4.3	27.7		T.S. 1		
		2200		89	52	10			9.0		-3.9	28.1		T.S. 2		
		2640		89	52	30			9.0		-3.1	28.9		T.S. 3		
		3080		89	54	40			9.0		-4.0	28.0		T.S. 4		
		3520		89	54	40			9.0		-3.3	28.7		T.S. 5		
		3960		89	56	00			9.0		-4.1	27.9		T.S. 6		
		0							5.0		-5.0	27.0		SP. 4		
	E	440		89	42	40			9.0		-4.8	25.2		5		
		880		89	53	30			9.0		-7.3	29.7		6		
		1320		90	01	00			9.0		-9.3	22.7		7		
		1760		90	00	30			9.0		-9.2	22.8		8		
		2200		90	00	10			9.0		-9.0	23.0		9		
		2640		89	58	00			9.0		-6.7	25.3		10		
				270	03	30			9.0							

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 7
 LINE No. 657 PARTY No. 1182 DATE 8 Day 1 No. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERKILL RODMAN L. 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			
	W	2640		89 52 20				9.07		+2.5	27.8	25.3		54.10		
		✓		270 02 50				9.05					Δ			
		2200		89 50 40				9.0		-2.9		24.9		11		
		1760		89 48 00				9.0		-2.8		25.0		12		
		1320		89 44 40				9.0		-3.1		24.7		13		
		880		89 30 30				9.0		-1.4		26.4		14		
		440		89 17 00				9.0		-3.5		24.3		15		
		0	✓					5.0		-5.0		22.8	π	16		
	E	440		89 33 20				9.0		-5.6		22.2		17		
		880		89 45 00				9.0		-5.1		22.7		18		
		1320		89 52 00				9.0		-5.9		21.9		19		
		1760		89 54 40				9.0		-6.2		21.6		20		
		2200		89 52 40				9.0		-4.2		23.6		21		
		2640		89 54 10				9.07		-3.8		24.0		22		
		✓		270 07 20				9.01					0			
	W	2640		90 02 30				9.07		+10.3	34.3			22		
		✓		269 58 40				9.05						Δ		
		2200		90 02 30				9.0		-10.5		23.8		23		

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STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 8
 LINE No. 657 PARTY No. 1182 DATE 8 Day 1 Mo. 29 Yr
 SURVEYOR T. SHERRILL RODMAN R. MERRITT WEATHER CLEAR BOOK No. 1
 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			
												34.3				
	W	1760		89	57 20				9.0		-2.6	26.7		52 24		
		1320		89	58 00				9.0		-3.2	26.7		25		
		880		89	36 20				9.0		-2.2	31.4		26		
		440		89	24 10				9.0		-4.4	29.9		27		
		0							5.0		-5.0	29.3	h	28		
	E	440	✓	89	36 30				9.0		-6.0	28.3		29		
		880		89	48 00				9.0		-5.9	28.4		30		
		1320		89	48 10				9.0		-4.4	29.9		31		
		1760		89	35 00				9.0		-6.4	27.9		32		
		2200		89	54 40				9.0		-5.5	28.8		33		
		2640		89	55 10				9.07		-4.8	29.5	o	34		
				270	05 50				9.0				o			
	W	2805		89	54 30				9.07		+3.9	33.4		34		
		✓		270	06 30				9.0					34		
		2365		89	51 50				9.0		-3.3	30.1		35		
		1925		89	52 50				9.0		-4.9	28.5		36		
		1485		89	51 20				9.0		-5.2	28.2		37		
		7045		89	48 00				9.0		-5.3	28.1		38		

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AREA BARROW STATE ALASKA PAGE No. 9
 LINE No. 657 PARTY No. 1182 DATE B 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 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			
												33.4				
	W	605		89 36 10				9.0		-4.8		28.6		52 39		
		165	✓	88 44 40				9.0		-5.4		28.0		40		
		0						5.0		-5.0		28.4	π	42+45		
	E	275		89 18 10				9.0		-5.7		27.7		41		
		715		89 41 10				9.0		-5.1		28.3		42		
		1155		89 49 30				9.0		-5.4		28.0		43		
		1595		89 55 30				9.0		-6.9		26.5		44		
		2035		89 56 30				9.0		-6.8		26.6		45		
		2475		89 57 00				9.0		-6.4		27.0	○	46		
		✓		270 03 50				9.0					○			
	W	2640		89 45 30		89 44 30		9.0		-2.9		24.3		46		REFER P-22
		✓		270 15 50		270 14 30		9.0					○			L-14
		2200		89 41 40				9.0		+2.8		27.1		47		
		1760		89 35 20				9.0		+3.7		28.0		48		
		1320		89 44 10				9.0		-2.9		16.4		49		
		880		89 45 00				9.0		-5.1		19.2		50		
		640		89 30 00				9.0		-5.2		19.1		51		
		0	✓					9.0		-5.0		19.3	π	52		

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STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 10
 LINE No. 657 PARTY No. 1182 DATE 8 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		A BS O FS - SS	Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hoir			INST.	ROD				
	E	440		89 28 40				9.0			24.3	19.3		54 53			
		880		89 42 30				9.0				19.8		54		I 0.5 MISSIE	REFER P-21 L-15
		1320		89 39 00				9.0				23.4		55			
		1760		89 43 20				9.0				23.9		56			
		2200		89 45 20				9.0				24.8		57			
		2640		89 46 00	89 45 50			9.07	(1.0)	+2.0		26.3	0	58		REFER P-22	
		✓		270 15 00	270 14 00			9.05					0			L-16	
	W	2640		89 53 50				9.07		+3.7	29.9			Δ 58			
		✓		270 07 20				9.05						Δ			
		2200		89 50 00				9.0		-2.5		27.4		59			
		1760		89 49 10				9.0		-3.4		26.5		60			
		1320		89 43 40				9.0		-2.7		27.2		61			
		880		89 42 20				9.0		-4.5		25.4		62			
		440		89 38 20				9.0		-4.9		25.0		63			
		0	✓					50		-5.0		24.9		64			
	E	440		89 46 30				9.0		-7.3		22.6		65			
		880		89 59 00				9.0		-0.7		21.2		66			
		1320		90 09 00				9.0		-12.4		17.5		67			

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AREA BARROW STATE ALASKA PAGE No. 11
 LINE No. 657 PARTY No. 1182 DATE 8 Day 1 Mo. 79 Yr. BOOK No. 1
 SURVEYOR T. SHERRILL RODMAN R. MERLITT WEATHER CLEAR P.T.S. No. _____



LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A BS O FS - SS	Station	FINAL ELEVATIONS	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD				
	E	1760		90 09 00				9.0			-13.5	29.9	16.4		5.P.68		
		2200		90 08 30				9.0			-14.3		15.6		69		
		2640		90 06 50				9.0			-13.7		16.2	0	70		
		✓		269 54 10				9.0						0			
	W	2640		89 54 40				9.0			+4.3	20.5		A	70		
		✓		270 06 30				9.0						A			
		2200		89 53 40				9.0			-4.8		15.7		71		
		1760		89 50 10				9.0			-3.9		16.6		72		
		1320		89 49 10				9.0			-4.8		15.7		73		
		880		89 42 00				9.0			-4.4		16.1		74		
		440		89 26 10				9.0			-4.7		15.8		75		
		0						5.0			-5.0		15.5		76		
	E	440		89 41 20				9.0			-6.6		13.9		77		
		880		89 55 10				9.0			-7.7		12.8		78		
		1320		89 51 50				9.0			-5.6		14.9		79		
		✓		270 09 10				9.0									
		1760		89 56 00				9.0			-6.9		13.6		75.1		
		2200		90 00 00				9.0			-8.9		11.6		75.2		

WORKED BY _____ CHECKED BY _____ 2nd _____

STADIA SURVEY NOTES

AREA BARROW STATE ALASKA PAGE No. 12
 LINE No. 657 PARTY No. 1182 DATE 8 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		Station	FINAL ELEVATIONS	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD				
	E	7640		90 00 50				90			-9.5	20.5					
		3080		90 01 40				90			-10.3		11.0				
		3520		90 02 00				90			-10.8		10.2				
		3960		90 01 30				90			-10.4		9.7				
	S	0	✓					5.07			+5.0	19.9		Δ	79		
		0	✓					5.07						Δ			
	N	1347	✓	90 04 50				9.0			-5.0		19.9	π	79		
				269 36 00				9.0			-10.7		9.2	0	ST. 78 - LINE B-C		
														0			

~~DAD~~
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WORKED BY _____ CHECKED BY _____ 2nd _____