

STADIA SURVEY NOTES

AREA N.P.R.#4 STATE or PROVINCE ALASKA PAGE No. 18
 LINE No.(s) B-19 PARTY No. 1192 DATE 6 Day MON Mo. 1978 Yr. BOOK No. _____
 SURVEYOR R. Desjardins RODMAN B. Benedict WEATHER: Very Cold Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2													17.2			
3																
4		2420	/							-3.0	+3.3	20.4				
5		✓		270°00'												
6		1760	/										16.0		22	
7	N	880	/										15.3		21	
8		0	/										15.4		20	
9	S	880	/										16.4		19	
10		1760	/										14.9		18	
11		2640	/							-5.0	-5.1		15.4		17	
12		✓		270°00'												
13																
14		2640	/							+5.2	+5.4	20.7				
15		✓		270°00'												
16		1760	/										16.1		16	
17	N	880	/										16.0		15	
18		0	/										15.7		14	
19	S	880	/										14.4		13	
20		1760	/										16.2		12	

TI-588B

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STADIA SURVEY NOTES

AREA H.P. 24 STATE or PROVINCE ALASKA PAGE No. 19
 LINE No.(s) B-17 PARTY No. 1182 DATE 6 Day MAR Mo. 1978 Yr. BOOK No. _____
 SURVEYOR R. D. STODOLAS RODMAN B. Benedict WEATHER: VERY Windy & Cold Fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		2640	/					40	-3.7	-4'		16.7	⊙	11		
3		✓		270°00			44						✓			
4																
5		3520	/					117	+11.4	+11.6	29.3		△			
6		✓		270°00			120						✓			
7		2640	/					104				17.7		10		
8		1760	/					106				17.7		9		
9	N	800	/					121				16.2		8		
10		0						50				23.3		7		
11	S	880	/	90°30'				129	-7.7	20.6		7.7		6		
12		1760	/			B	143	-0.8	-23.1			5.2		5		
13		2640	/			B	81	-13.2	-21.3			7.0		4		
14		3520	/	70°05'53				150	-20.8	-21.0		7.3	⊙	3		
15		✓		268°53'44				150					✓			
16																
17		0760	/					55	+5.4	+5.6	12.9		△			
18		✓		270°00				58					✓			
19		880	/					43				8.6		2		
20		0						50				7.7		1		

TI-588B

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STADIA SURVEY NOTES

AREA W.P.D. #4 STATE or PROVINCE ALASKA PAGE No. 20
 LINE No.(s) B-19 PARTY No. 1182 DATE 6 Day Mar Mo. 1978 Yr. BOOK No. _____
 SURVEYOR R. DESTORNIERS RODMAN B. Benedict WEATHER: Very Cold? Windy Fog P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD.			
1												12.9				
2		770	/										7.0		4	7.5
3		1650	/										6.8		8	
4		2530	/										6.4		12	
5		3410	/										7.1		16	
6		4290	/										7.0		20	
7		5170	/										6.9	⊙	24	
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

TI-588B

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STADIA SURVEY NOTES

AREA NPR4 STATE or PROVINCE Alaska PAGE No. 26
 LINE No.(s) B 19 PARTY No. 1182 DATE 8 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR E. Myers RODMAN M. Hanson WEATHER: windy P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1			TAKEOFF FROM 4			8-19	8-22								
2			SEE Page 16 line 16												
3	SW	1980	/					12.2	+12.1	+12.1	29.3		△		
4		✓		270°				12.2					✓		
5		1760	/					12.9			16.4		SP23 (TP1)		
6		880	/					4.7			20.6		SP24		
7		0	/					5.6			23.7		SP25		
8	NE	880	/					3.6			25.7		SP26		
9		1760	/					6.0	-5.9	-6.0	23.3		○ SP27		
10		✓		270°				6.1					✓		
11															
12	SW	1210	/			B	12.0		+18.0		41.4		△		
13		✓		270°		B	12.0						✓		
14		330	/					8.5			32.9		SP28		
15		0	/					5.6			35.8		SP28+330 (TP1)		
16	NE	550	/					9.8			31.6		SP29		
17		1430	/	98°00'				13.7	-13.7	-13.7	17.4		○ SP30		
18		✓		270°00'				13.8					✓		
19															
20															

TI-588B

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 27
 LINE No. (s) B 19 PARTY No. 1182 DATE 8 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. HANSON WEATHER: Windy P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	SW	1760	/						5.9	+58	+59	33.4		Δ		SP 30
3		✓		270°					6.1					✓		
4		880	/						7.4			26.2			SP 31	
5		0							5.6			28.0			SP 32	
6	NE	880	/						7.6			26.0			SP 33	
7		1760	/						9.8	-9.7	-9.8	23.8		○	SP 34	
8		✓		270°					9.9					✓		
9																
10	SW	1760	/						4.9	+4.7	+4.8	28.4		Δ		
11				270°					6.0					✓		
12		880	/						5.7			22.9			SP 35	
13		0							5.6			23.0			SP 36	
14	NE	880	/						7.0			26.7			SP 37	
15		1760	/						5.0	-4.9	-5.0	23.6		○	38	
16		✓		270°					5.1					✓		
17																
18		1760	/						3.4	+3.3	+3.4	27.0		Δ		
19		✓		270°					3.5					✓		
20		880	/						4.9			22.1			SP 39	

TI-588B

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 28
 LINE No.(s) B19 PARTY No. 1192 DATE 8 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. HANSON WEATHER: WINDY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												27°				
2		0											21.4		SP40	
3	NE	980	/										21.3		SP41	
4		1760	/										20.4	⊙	SP42	
5				270°												✓
6																
7	SW	2640	/										22.8			△
8		✓		270°												✓
9		1760	/										29.0		SP43	
10		980	/										19.1		SP44	
11		0											17.3		SP45	
12		980	/										18.9		46	
13		1760	/										20.4		47	15.4
14		2640	/										20.4	⊙	48	
15		✓		270°												✓
16																
17		2640	/										31.3			△
18		✓		270°												✓
19		1760	/										24.0		49	
20		980	/										26.8		50	

TI-588B

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STADIA SURVEY NOTES

AREA N/PR 4 STATE or PROVINCE Alaska PAGE No. 29
 LINE No.(s) B19 PARTY No. 1182 DATE 9 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR E. Myers RODMAN M. Hansen WEATHER: WINDY P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
1												313			
2		0						5.6				25.7		SPEI (TP6)	
3	NE	1100	/			B	10.7	-5.5		-16.2		15.1		52	Strong spread
4		1980	/			B	6.7	-9.9		-16.6		14.7		53	
5		2660	/			B	2.5	-15.7			-15.7	15.6	○	54	
6		✓		270°		B	2.7						✓		
7															
8	SE	75'	/					4.1				27.2	-	WELL SIGHT ^H	
9															
10	SW	2690	/					5.0	+4.9	+5.0	20.6		△		
11		✓		270°				5.2					✓		
12		1760	/					5.3				15.3		55	
13		880	/					6.2				14.4		56	
14		0	/					5.6				15.0		57	
15		880	/					4.5				16.1		58	
16		1760	/					3.8				16.8		59	
17		2640	/					4.1	-4.0	-4.1		16.5	○	60	
18		✓		270°				4.3					✓		
19															
20															

TI-588B

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2nd _____

STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 30
 LINE No.(s) B19 PARTY No. 1182 DATE 9 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. Hanson WEATHER: Soggy P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2	SW	2894	/					3.3	+3'	+3'	19.2			△	
3		✓		270°				3.3						✓	
4		2014	/					5.2				14.5		61	
5		1134	/					5.6				14.1		62	
6		254	/					5.3				14.4		63	
7		0	/					5.6				14.1		63+254 (TP7)	
8	NE	626	/					4.8				14.9		64	
9		1506	/					2.7				17.0		65	
10		2386	/					3.5	-3.4	-3.3		16.4		66	
11		✓		270°				3.3						✓	
12															
13	SW	2640	/					7.9	+4.8	+4.8	21.2			△	
14		✓		270°				5.0						✓	
15		1760	/					6.0				15.2		67	
16		880	/					5.7				15.5		68	
17		0	/					5.6				15.4		69	
18		880	/					5.1				16.1		70	
19		1760	/					3.2				14.0		71	
20															

TI-588B

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STADIA SURVEY NOTES

AREA NPR4 STATE or PROVINCE Alaska PAGE No. 31
 LINE No.(s) B19 PARTY No. 1182 DATE 9 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. Hanson WEATHER: Eggy P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												21.2			
2	NE	2640	/					5.8	-57	-58		15.4	⊙	72	
3		✓		270°				6.0					✓		
4															
5	SW	2640	/					3.1	+3.0	+2.9	18.3		▲		
6		✓		270°				2.9					✓		
7		1760	/					2.6				15.7		73	
8		880	/					5.7				12.4		74	
9		0	/					5.6				12.7		75	
10	NE	880	/					5.3				13.0		76	
11		1760	/					6.3				12.0		77	
12		2640	/					6.1	-6.0	-6.1		12.2	⊙	78	
13		✓		270°				6.3					✓		
14															
15	2670	2690	/					12.3	+11.2	+0.4	41.6		▲		
16		✓		270°	checked in field		7.3	12.5		-0.4			✓		
17		1760	/					5.7						79	
18		890	/					4.9				6.7		80	
19		0	/					5.6				6.0		81	
20															

TI-588B

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STADIA SURVEY NOTES

AREA NPR4 STATE or PROVINCE Alaska PAGE No. 32
 LINE No.(s) B19 PARTY No. 1182 DATE 10 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. Hanson WEATHER: Overcast P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
1												11.4			
2	NE	880	/					6.2					54		82
3		1760	/					6.2					54		83
4		2640	/					6.2	-6'	-6'			54	⊙	84
5		✓		270°				6.2						✓	
6															
7															
8															
9	SW	2640	/					6.0	+5.9	+5.8		11.4		Δ	
10		✓		210°				5.8						✓	
11		1760	/					5.8					5.6		85
12		980	/					5.8					5.6		86
13		0'						5.6					5.8		87
14	NE	880	/					5.9					5.6		88
15		1760	/					5.5					5.9		89
16		2640	/					5.9	-5.8	-5.7			5.7	⊙	90
17		✓		270°				5.9						✓	
18															
19		2640	/					5.5	+5.4	+5.4		11.1		Δ	
20		✓		270°				5.6						✓	

TI-588B

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 33
 LINE No.(s) B 19 PARTY No. 1182 DATE 12 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR E. Myers RODMAN A. Hanson WEATHER: overcast P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												11.1			
2	SW	1760	/									5.8		91	
3		880	/									5.5		92	
4		0	/									5.5		93	
5	NE	880	/									5.6		94	
6		1760	/									6.7		95	
7		2640	/						+82	+51		16.0	⊙	96	1
8		✓		270°									✓		
9															
10		2640	/						+13.1	+12.1		18.1	Δ		
11		✓		270°									✓		
12		1760	/									6.6		97	
13		1620	/						-24	-24		11.7	⊙	102	10 ² Tie 1.6. High.
14		✓		270°					+174	+174	17.6		⊙		
15		880	/									11.7		98	
16		0	/									11.9		99	
17		880	/									12.4		100	
18		1760	/									13.9		101	
19		2640	/									13.9		102	
20		✓		270°					-4.1	-4.1		13.4	⊙	102	1

TI-588B

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 34
 LINE No.(s) B19 PARTY No. 1192 DATE 10 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. Hanson WEATHER: overcast P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												13.4				
2	SW	2640	/							-52	+51	18.4		△		
3		✓		270°										✓		
4		1760	/									13.8			103	
5		880	/									14.4			104	
6		0	/									13.4			105	
7	NE	280	/									11.6			106	
8		1760	/									12.0			107	
9		2640	/							-63	-63	12.1		⊙	108	
10		✓		270°										✓		
11																
12	SW	2640	/							+45	+45	16.6		△		
13		✓		270°										✓		
14		1760	/									12.0			109	
15		880	/									13.1			110	
16	NE	0	/									11.0			111	
17		880	/									11.3			112	
18		1760	/									9.3			113	Marker Pipe
19		2640	/							-122	-121	4.4		⊙	114	
20		✓		270°										✓		

TI-588B

*Check 6 in
 field 12.5
 Mar 15/78*

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 35
 LINE No.(s) B 19 PARTY No. 1182 DATE 10 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. Hanson WEATHER: clearing - warm P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2	SW	2640	/						5.8	+5.7	+5.7	103		△	
3		✓		270°					5.9					✓	
4		1760	/						5.5				4.8		115
5		880	/						4.7				5.6		116
6		0	/						5.6				4.7		117
7	NE	880	/						6.1				4.2		118
8		1760	/						6.3				4.0		119
9		2640	/						5.7	-6.5	-6.4		3.9	○	120
10		✓		270°					6.8					✓	
11															
12		2640	/						7.1	+4.0	+4.1	8.0		△	
13		✓		270°					4.3					✓	
14		1760	/						5.7				2.6		121
15		880	/						5.9				2.2		122
16		0	/						5.6				2.4		123
17		880	/						5.3				2.7		124
18		1760	/						5.3				2.7		125
19		2640	/						5.0	-5.9	-5.9		2.1	○	126
20		✓		270°					5.0					✓	

TI-588B

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STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 36
 LINE No.(s) B19 PARTY No. 1182 DATE 10 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. Hanson WEATHER: clear, warming P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2	SW	2640	/						4.7	+4.4	+4.2	6.8			△
3		✓		270°					4.9						✓
4		1760	/						5.3			15.0		127	
5		880	/						5.7			15.3		128	
6		0							5.6			12.7		129	
7	NE	880							5.7			15.0		130	✓
8		1760							5.1			17.0		131	
9		2640	/						4.8	-4.2	-4.5	2.3	0	132	
10		✓		270°					4.5						✓
11															
12		2640	/						3.6	+3.5	+3.5	5.7			△
13		✓		270°					3.6						✓
14		1760	/						4.0			3.7		133	
15		880	/						4.9			0.8		134	
16		0							5.6			0.7		135	
17		880	/						5.0			0.7		136	
18		1760	/						4.6			1.1		137	
19		2640	/						1.5	-1.4	-1.4	4.3	0	138	
20		✓		270°					1.6						✓

TI-588B

WORKED BY _____

CHECKED BY 1st _____

2nd _____

STADIA SURVEY NOTES

AREA NPR 4 STATE or PROVINCE Alaska PAGE No. 37
 LINE No.(s) B19 PARTY No. 1182 DATE 10 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR G. Myers RODMAN M. Hanson WEATHER: clear warm P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2	SW	2640	/						5.1	+5°	+5°	9.3		△		
3		✓		270°					5.2					✓		
4		1760	/						5.5				3.8		139	
5		880	/						6.0				2.3		140	
6		0	/						5.6				3.7		141	
7	NE	880	/						6.6				2.7		142	
8		1760	/						6.3				4.0		143	
9		2640	/						2.5	-2°			7.0	○	144	
10		✓		270°					2.5				7.8	✓		
11	3410	3520	/						2.5				7.86		T34	
12	4290	4400	/						2.5				7.8		T30	
13	5170	5280	/						2.5				7.8		12	
14	6050	6160	/						2.5				7.8		16	
15	6930	7480	/						2.5				7.8		20	
16	7810	/							2.5				7.8		24	
17																
18																
19																
20																

TI-598B

WORKED BY _____

CHECKED BY 1st _____

2nd _____