

STADIA SURVEY NOTES

AREA NPR - 4 STATE or PROVINCE Alaska PAGE No. 1
 LINE No.(s) 65 PARTY No. 1182 DATE 18 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR W. Helander RODMAN G. Myers WEATHER: _____ 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															
2															
3	S	2640	89°	33' 27"				14.6	-5.8	-5.8	155.5	161.3	Δ	98	Marker Pipe
4	"	2640	270°	26' 28"				14.6	-5.7				Δ		
5	"	1320	89°	40' 14"				5.0		+2.6		158.1	-	99	
6		0						5.2		-5.2		150.3	-	100	π
7	N	1320	✓					9.2		-9.2		146.3	-	101	
8	"	2640	90°	04' 28"				10.0	-13.4	-13.5		142.0	○	102	
9	"	2640	269°	55' 20"				10.0	-13.6				○		
10	S	2640	89°	40' 38"				14.5	-0.4	-0.2	141.8		Δ		
11	"	2640	270°	19' 00"				14.5	+0.1				Δ		
12	"	1320	✓					1.1		-1.1		140.7	-	103	
13		0						5.2		-5.2		136.6	-	104	π
14	N	1320	✓					6.8		-6.8		135.0	-	105	
15	"	2640	✓					4.3	-4.3	-4.3		137.5	○	106	
16	"	2640	89°	58' 55"				5.0	-4.2				○		
17	S	2640	89°	37' 12"				14.5	-3.0	-2.8	134.7		Δ		
18	"	2640	270°	22' 22"				14.5	-2.7				Δ		
19	"	1320	✓					4.9		-4.9		129.8	-	107	
20		0						5.2		-5.2		129.5	-	108	

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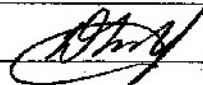
STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 4
 LINE No.(s) 65 PARTY No. 1182 DATE 19 Day 2 Mo. 76 Yr. BOOK No.
 SURVEYOR W. Helandce RODMAN G. Myers WEATHER: P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2												161.3		98		
3	N	2640	89°	46'42"				5.0	-5.2	-5.2	} 156.1		Δ			
4	"	2640	270°	13'10"				5.0	-5.1					Δ		
5	"	1320	✓					5.8		-5.8		150.3	-	97		
6		0						HI	5.2	-5.2		150.9	-	96	π	
7	S	1320	✓					5.8		-5.8		150.3	-	95		
8	"	2640	✓					5.0	-5.0	-5.0	} 158.9	151.1	⊙	94	?	
9	"	2640	89°	54'50"				8.0	-4.0	-4.0				⊙		?
10		2640	✓					7.8	+7.8	+7.8			Δ			
11		2640	89°	57'10"				10.0	+7.8				Δ			
12		1320	✓					7.5		-7.5		151.4	-	93		
13		0						HI	5.2	-5.2		153.7	-	92	π	
14		1320	✓					5.9		-5.9		153.0	-	91		
15		2640	✓					2.2		-2.2		156.7	⊙	90		
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 3
 LINE No.(s) 65 PARTY No. 1182 DATE 18 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2												124.1				
3	N	1320	✓					5.7	-5.7	-5.7		118.4	⊙	118		
4	"	1320	89° 48' 40"					10.0	-5.2				⊙			
5	S	1320	✓					5.9	+5.9	+5.9		124.3	Δ			
6	"	1320	89° 43' 26"					10.0	+3.6	+3.6			Δ			
7		0														
8	N	1320	89° 44' 10"					5.2		-5.2		119.1		119	π	
9	"	1320	27° 15' 40"					10.0	-3.9	-4.0		120.3	⊙	120		
10	S	1320	✓					10.0	-4.0				⊙			
11	"	1320	89° 44' 35"					4.1	+4.1	+4.1		124.4	Δ			
12		0														
13	N	1320	✓					10.0	+4.1				Δ			
14	"	1320	89° 46' 20"					5.2		-5.2		119.2		121		
15	S	1320	✓					4.9	-4.9	-4.9		119.5	⊙	122		
16	"	1320	89° 46' 20"					10.0	-4.8				⊙			
17	S	1320	✓					5.4	+5.4	+5.4		124.9	Δ			
18	"	1320	89° 47' 40"					10.0	+5.3				Δ			
19		0														
20	N	1320	✓					5.2		-5.2		119.7		123	π	
21	"	1320	89° 50' 10"					6.3	-6.3	-6.3		118.6	⊙	124		
22		0														

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 2
 LINE No.(s) 65 PARTY No. 1182 DATE 18 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2												134.7				
3	N	1320	✓						10.5	-10.5		124.2	-	109		
4	"	2640	✓						10.3	-10.3	-10.9	124.3	⊙	110		
5	"	2640		90° 07' 18"					5.0	-10.6			⊙			
6	S	2640		89° 45' 23"					14.5	+3.3	+3.9	127.7	Δ			
7	"	2640		270° 14' 16"					14.5	+3.5			Δ ₁			
8	"	1320	✓						6.4		-6.4	121.3	-	111		
9		0							5.2		-5.2	122.5	-	112	⊗	
10	N	1320							4.6		-4.6	123.1	-	113		
11	"	2640		89° 47' 44"					14.5	-5.1	-5.6	122.1	⊙	114		-9
12	"	2640		270° 11' 00"					14.5	-6.1			⊙			0
13	S	1320	✓						5.5	+5.5	+5.5	127.6	Δ			
14	"	1320		89° 48' 12"					10.0	+5.5			Δ			
15		0							5.2		-5.2	122.4	-	115	⊗	
16	N	1320	✓						6.1	-6.1	-6.1	121.5	⊙	116		
17	"	1320		89° 49' 43"					10.0	-6.1			⊙			
18	S	1320	✓						2.6	+2.6	+2.6	124.1	Δ			
19	"	1320		89° 53' 45"					5.0	+2.6			Δ ₁			
20		0							5.2		-5.2	118.9	-	117	⊗	

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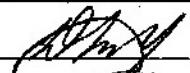
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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 5
 LINE No.(s) 65 PARTY No. 1182 DATE 20 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2													118.6		124	
3	R	2640	89°	53' 21"				10.0	+4.9	} +5.0	123.6			Δ		
4	"	2640	270°	06' 21"				10.0	+5.1							Δ
5	"	1320	✓					5.2				118.4		-	125	
6		0											118.4		126	π
7	R	1320	✓					6.0				117.6		-	127	
8	"	2640	✓					6.2	-6.2	} -6.2		117.4		0	128	
9	"	2640	89°	55' 00"				10.0	-6.2						0	
10	S	2380	✓					9.2	+9.2	} +9.2	126.6			Δ		
11	"	2380	90°	10' 40"				5.0	+9.1							Δ
12		0											121.4		129	π
13	N	1320	90°	15' 48"				10.0	-16.1	} -16.1		110.5		0	130	
14	"	1320	269°	44' 15"				10.0	-16.0						0	
15	S	3135	90°	10' 27"				10.0	+19.5	} +19.5	130.0			Δ		
16	"	3135	269°	49' 30"				10.0	+19.6							Δ
17	"	1845	90°	10' 50"				10.0				114.3		-	131	
18	"	495	✓					14.7				115.3		-	132	π
19		0														π
20	N	825	✓					3.8				126.2		-	133	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 6
 LINE No.(s) 65 PARTY No. 1182 DATE 20 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helandee RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1												130.0				
2	N	2145	✓					4.7	-4.7	-4.7		125.3	○	134		
3	"	2145		89° 51' 34"				10.0	-4.7				○			
4	S	2640	✓	89° 49' 15"				5.0	-3.3	-3.4		121.9	△			
5	"	2640	✓	270° 11' 10"				5.0	-3.6				△			
6	"	1320	✓					4.8		-4.8		117.1	-	135		
7		0						5.2		-5.2		116.7	-	136	π	
8	N	1320	✓					5.0		-5.0		116.9	-	137		
9	"	2640						5.5	-5.5	-5.5		116.4	○	138		
10	"	2640	✓	89° 54' 00"				10.0	-5.4				○			
11	S	3135	✓					9.7	+9.7	+9.7		126.1	△			
12	"	3135	✓	90° 05' 12"				5.0	+9.7				△			
13	"	1815	✓					9.4		-9.4		116.7	-	139		
14	"	495	✓					7.1		-7.1		119.0	-	140		
15		0													π	
16	N	825	✓					12.1		-12.1		114.0	-	141		
17	"	2145	✓					13.9	-13.9	-13.9		112.3	○	142		
18	"	2145		90° 06' 00"				10.0	-12.7				○			
19	S	2640	✓	89° 38' 43"				10.0	-6.3	-6.7		105.6	△			
20	"	2640	✓	270° 22' 09"				10.0	-7.0				△			

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 7
 LINE No.(s) 65 PARTY No. 1182 DATE 20 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helandce RODMAN Myces WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2												105.6				
3	S	1320	89°	37' 35"				5.0	2.6	+3.6		109.2	-	143		
4		0						5.2		-5.2		100.4	-	144	TK	
5	N	1320	✓					5.6		-5.6		100.0	-	145		
6	"	2640	✓					8.8	-8.8	-8.8		96.8	0	146		
7	"	2640	90°	05' 00"				5.0	-8.8				0			
8	S	2640	89°	48' 50"				10.0	+1.4	+1.5		98.3	Δ			
9	"	2640	270°	10' 55"				10.0	+1.6				Δ			
10	"	1320	✓					4.2		-4.2		94.1	-	147		
11		0						5.2		-5.2		93.1	-	148	TK	
12	N	1320	✓					4.2		-4.2		94.1	-	149		
13	"	2640	✓					7.6	-7.6	-7.6		90.7	0	150		
14	"	2640	89°	56' 43"				10.0	-7.5				0			
15	S	2640	✓					3.6	+3.6	+3.6		94.3	Δ			
16	"	2640	89°	51' 40"				10.0	+3.6				Δ			
17	"	1320	✓					4.4		-4.4		89.9	-	151		
18		0						5.2		-5.2		89.1	-	152	TK	
19	N	1320	✓					7.9	5.4	-5.4		89.9	-	153		
20	"	2640	✓					7.9	-7.9	-7.8		86.5	0	154		

T1-5500 2640 96° 03' 28"

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 8
 LINE No.(s) 65 PARTY No. 1102 DATE 20 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2													86.5			
3	S	2640	89°	51'41"				5.0	-1.4	-1.5		85.0		Δ		
4	"	2640	270°	08'35"				5.0	-1.6					Δ		
5	"	1320	✓					3.3		-3.3			81.7	-	155	
6		0						5.2		-5.2			79.8	-	156	⊥
7	N	1320	✓					6.8		-6.8			78.2	-	157	
8	"	2640	✓					7.9	-7.9	-7.9			77.1	⊙	158	
9	"	2640	90°	08'58"				5.0	-7.9					⊙		
10	S	2640	89°	50'15"				10.0	+2.5	+2.4		79.5		Δ		
11	"	2640	270°	10'00"				10.0	+2.3					Δ		
12	"	1320	✓					1.3		-1.3			78.2	-	159	
13		0						5.2		-5.2			74.3	-	160	⊥
14	N	1320	✓					9.8		-9.8			69.7	-	161	
15	"	2640	✓					11.5	-11.5	-11.3			68.2	⊙	162	
16	"	2640	90°	07'50"				5.0	-11.0					⊙		
17	S	2640	✓					2.5	+2.5	+2.4		70.6		Δ		
18	"	2640	89°	56'30"				5.0	+2.3					Δ		
19	"	1320	✓					6.7		-6.7			63.9	-	163	
20		0						5.2		-5.2			65.4	-	164	⊥

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 9
 LINE No.(s) 65 PARTY No. 1182 DATE 20 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myces WEATHER: _____ 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																
2																
3	N	1320	✓									70.4				
4	"	2640	89°	54' 38"									66.8	-	165	
5	"	2640	270'	05' 16"									60.2	0	166	
6														0		
7														Δ		
8														Δ		
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR STATE or PROVINCE Alaska PAGE No. 10
 LINE No.(s) 65 PARTY No. 1102 DATE 21 Day 2 Mo. 76 Yr. BOOK No.
 SURVEYOR Helander RODMAN Myees WEATHER: 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	Correction	Center Hair			INST.	ROD			
1																
2	S	2640	✓					2.6	+2.6	+2.6		60.2	166			
3	"	2640	89°	56'45"				5.0	+2.5		62.8		167	Δ		
4	"	1320	✓					1.8		-1.8		61.0	168	-		
5		0						5.2		-5.2	HI	57.6	169			
6	N	1320	✓					5.1		-5.1		57.7	170	-		
7	"	2640	89°	50'30"				5.0	+2.3	+2.3		65.1	171	⊙		
8	"	2640	271°	09'30"				5.0	+2.3				172	⊙		
9	S	2640	✓					6.5	+6.5	+6.5		71.6	173	Δ		
10	"	2640	89°	55'32"				10.0	+6.6				174	Δ		
11	"	1320	✓					6.3		-6.3		65.3	175	-		
12		0						5.2		-5.2	HI	66.4	176			π
13	N	1320	✓					8.2		-8.2		63.4	177	-		
14	"	2640	90°	02'00"				14.0	-15.5	-15.5		56.1	178	⊙		
15	"	2640	269°	58'01"				14.0	-15.5				179	⊙		
16	S	1320	90°	20'21"				10.0	+17.8	+18.0		74.1	180	Δ		
17	"	1320	269°	38'43"				10.0	+18.2				181	Δ		
18		0						5.2		-5.2	HI	68.9	182			π
19	N	1320	90°	46'43"				10.0	-25.6	-25.6		48.5	183	⊙		
20	"	1320	269°	19'04"				10.0	-25.7				184	⊙		

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 11
 LINE No.(s) 65 PARTY No. 1182 DATE 21 Day 2 Mo. 76 Yr. BOOK No.
 SURVEYOR Helander RODMAN Myers WEATHER: P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2													78.5			
3	S	3135	90°	30'44"				14.0	+42.0	+42.5	} 91.0			Δ		
4	"	3135	269°	28'20"				14.0	+42.9						Δ ₁	
5	"	1815	90°	47'37"				10.0		-19.3			71.7	-	177	
6	"	495	✓					11.4		-11.4			79.6	-	178	
7		0													+495	π
8	N	825	✓					5.3		-5.3			85.7	-	179	
9	"	2145	✓					11.1	-11.1	-11.1			79.9	0	180	
10	"	2145	90°	09'42"				5.0	-11.1		} 75.3			0 ₁		
11	S	2640	89°	40'25"				10.0	-5.0	-4.6					Δ	
12	"	2640	270°	18'33"				10.0	-9.2					Δ ₁		
13	"	1320	✓					4.8		-4.8			70.5	-	181	
14		0						5.2		-5.2			70.1		182	π
15	N	1320	✓					5.0		-5.0			70.3	-	183	
16	"	2640	✓					6.2	-6.2	-6.2			69.1	0	184	
17	"	2640	89°	55'07"				10.0	-6.2		} 92.2			0 ₁		
18	S	2475	90°	17'33"				10.0	+22.6	+23.1					Δ	
19	"	2475	269°	41'05"				10.0	+23.6					Δ ₁		0
20	"	1155	90°	31'10"				14.0		-24.5			67.7	-	185	

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 12
 LINE No.(s) 65 PARTY No. 1182 DATE 21 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helandee RODMAN Myces WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2												92.2				
3		0													185+1155	π
4	N	165	✓						14.6		-14.6		27.6	-	186	
5	"	1485	90°	24' 20"					14.0		-24.5		67.7	-	187	
6	"	2805	90°	16' 25"					10.0	-23.9	-23.9		68.8	⊙	188	
7	"	2805	269°	43' 40"					10.0	-27.3				⊙		
8	S	2640	✓						5.9	+5.9	+5.9	74.7		Δ		
9	"	2640	89°	54' 37"					10.0	+5.9				Δ		
10	"	1320	✓						6.0		-6.0		68.7	-	189	
11		0						HI	5.2		-5.2		69.5		190	π
12	N	1320	✓						5.8		-5.8		68.9	-	191	
13	"	2640	✓						10.2	-10.2	-10.1		69.6	⊙	192	
14	"	2640	90°	06' 30"					5.0	-10.0				⊙		
15	S	2640	89°	45' 53"					14.5	+3.7	+4.0	68.6		Δ		
16	"	2640	270°	13' 06"					14.5	+4.9				Δ		
17	"	1320	✓						5.8		-5.8		62.8	-	193	
18		0						HI	5.2		-5.2		63.4		194	π
19	N	1320	✓						5.5		-5.5		63.1	-	195	
20	"	2640	89°	46' 50"					14.5	-4.4	-4.4		64.2	⊙	196	
TI-588B	"	2640	270°	13' 10"					14.5	-4.4				⊙		

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. **13**
 LINE No.(s) _____ PARTY No. _____ DATE _____ Day _____ Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RÖDMAN _____ WEATHER: _____ 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																
3	S	2640	✓						5.9	+5.9	+5.9	64.2	Δ	196		
4	"	2640	89°	54' 50"					10.0	+6.0			Δ ₁			
5	"	1320							5.9		-5.9	64.2	-	197		
6		0						HI	5.2		-5.2	64.9		198	π	
7	N	1320	89°	41' 15"					14.0	-6.8	-6.8	63.3	○	199		
8	"	1320	270°	18' 38"					4.0	-6.8			○			
9	S	1320	✓						5.3	+5.3	+5.3	62.5	Δ			
10	"	1320	89°	47' 40"					10.0	+5.2			Δ ₁			
11		0						HI	5.2		-5.2	62.8		200	π	
12	N	1320	✓						6.4		-6.4	61.6	-	201		
13	"	2640	✓						9.0	-9.0	-9.0	59.5	○	202		
14	"	2640	89°	53' 26"					14.0	-9.0			○ ₁			
15	S	2040	✓						11.3	+11.2	+11.9	71.0	Δ			
16	"	2040	89°	10' 56"					5.0	+11.5			Δ			
17	"	720	✓						11.9		-11.9	59.1	-	203		
18		0												203 + 200	π	
19	N	600	✓						13.5		-13.5	57.5	-	204	Intersect'n	
20	NW	735	✓						13.6		-13.6	57.4	-		Line 26-SP 600	

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26-600

12.2
2.0
10.2

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 14
 LINE No.(s) _____ PARTY No. _____ DATE _____ Day / Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2												71.0				
3	NE	2100	✓					9.2				61.8	-			SP-599; L-26
4	N	1920	✓					14.2	-14.2	-14.2		56.8	0	205		
5	"	1920		90°	07'24"			10.0	-14.1				0			
6	S	2640	✓					2.4	+2.4	+2.4		59.2	Δ			
7	"	2640		89°	56'30"			5.0	+2.3				Δ			
8	"	1320	✓					5.7		-5.7		53.5	-	206		
9		0						5.2		-5.2		54.0	-	207	X	
10	N	1320						3.8		-3.8		55.4	-	208		
11	"	2640		89°	49'00"			5.0	+3.4	+3.3		62.5	0	209		
12	"	2640		270°	10'35"			5.0	+3.1				0			
13	S	2640		89°	45'36"			10.0	-1.1	-1.0		61.5	Δ			
14	"	2640		270°	14'16"			10.0	-1.0				Δ			
15	"	1320		89°	44'00"			5.0		+1.1		62.6	-	210		
16		0						5.2		-5.2		56.3	-	211	X	
17	N	1320	✓					6.7		-6.7		54.8	-	212		
18	"	2640	✓					6.8	-6.8	-6.8		54.7	0	213		
19	"	2640		89°	55'46"			10.0	-6.7				0			
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 15
 LINE No.(s) 65 PARTY No. 1182 DATE 22 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		H.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD			
1																
2												54.7		213		
3	S	825		90° 20' 34"				4.5	+19.4	+19.4	74.1		Δ			
4	"			269° 39' 25"				4.5	+19.4				Δ			
5		0														π
6	N	495	✓					13.8	-13.8	-13.8		60.3	⊙	214		
7	"	495		90° 26' 40"				10.0	-13.8				⊙			
8	S	2640	✓					6.3	+6.3	+6.4	66.7		Δ			
9	"	2640		89° 55' 25"				10.0	+6.5				Δ			
10	"	1320	✓					6.4		-6.4		60.3	-	215		
11		0						HI		-5.2		61.5	-	216		π
12	N	1320	✓					4.1		-4.1		62.6	-	217		
13	"	2640	✓					9.8	-3.8	-3.8		62.9	⊙	218		
14	"	2640		89° 51' 53"				10.0	-3.8				⊙			
15	S	1320		90° 14' 00"				10.0	+15.4	+15.4	78.3		Δ			
16	"	1320		269° 46' 10"				10.0	+15.4				Δ			
17		0						HI		-5.2		73.1		219		π
18	N	1320		90° 08' 07"				14.5	-17.6	-17.6		60.7	⊙	220		
19	"	1320		269° 51' 44"				14.5	-17.7				⊙			
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 16
 LINE No.(s) 65 PARTY No. 1182 DATE 23 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Abs. Elev. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2													60.7		220	
3	S	1320	90°	09'23"				3.8	+7.9	+7.9	}	68.1	Δ			
4	"	1320	269°	58'33"				3.8	+7.9					Δ		
5		0											62.9		221	κ
6	N	495	89°	41'25"				3.8	-1.1	-1.1	}	67.0	⊙	221	+495	
7	"	495	270°	18'20"				3.8	-1.2					⊙		
8	S	825	89°	27'10"				3.8	-4.1	-4.1	}	62.9	Δ			
9	"	825	170°	33'10"				3.8	-4.2					Δ		
10	N	1320	0					5.2					57.7		222	κ
11	"	1320	89°	57'40"				5.0	-4.1	-4.1	}	58.8	⊙	223		
12	"	1320	270°	02'30"				5.0	-4.0					⊙		
13	S	1320	90°	03'25"				3.8	+5.1	+5.1	}	63.9	Δ			
14	"	1320	269°	56'47"				3.8	+5.0					Δ		
15		0											58.7		224	κ
16	N	1320	90°	02'20"				5.0	-5.9	-5.9	}	58.0	⊙	225		
17	"	1320	269°	57'43"				5.0	-5.9					⊙		
18	S	1320	90°	04'05"				3.8	+5.9	+5.9	}	63.9	Δ			
19	"	1320	269°	55'45"				3.8	+5.9					Δ		
20		0						5.2					58.2		226	κ

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 17
 LINE No.(s) 65 PARTY No. 1182 DATE 23 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2												63.4				
3	N	1320	90°	00' 27"				5.0	-5.2	-5.2		58.2	⊙	227		
4	"	1320	269°	59' 25"				5.0	-5.2				⊙			
5	S	1320	90°	53' 25"				3.8	+5.1	+5.2		63.4	Δ			
6	"	1320	269°	56' 12"				3.8	+5.2				Δ			
7		0						HI	5.2			58.2		228		
8	N	1320	89°	59' 00"				5.0	-4.6	-4.6		58.8	⊙	229		
9	"	1320	270°	01' 06"				5.0	-4.6				⊙			
10	S	1320	90°	10' 20"				3.8	+7.8	+7.8		66.6	Δ			
11	"	1320	269°	49' 29"				3.8	+7.8				Δ			
12		0						HI	5.2			41.4		230	π	
13	N	1320	89°	59' 10"				5.0	-4.7	-4.7		61.9	⊙	231		
14	"	1320	270°	00' 40"				5.0	-4.7				⊙			
15	S	1320	89°	59' 30"				3.8	+3.6	+3.7		65.6	Δ			
16	"	1320	270°	00' 05"				3.8	+3.8				Δ			
17		0						HI	5.2			60.4		232	π	
18	N	1320	90°	04' 40"				5.0	-6.8	-6.8		58.8	⊙			
19	"	1320	269°	55' 15"				5.0	-6.8				⊙	233		
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 18
 LINE No.(s) 65 PARTY No. 1182 DATE 23 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helandee RODMAN Myers WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2													58.8			
3	S	1320	90°	05'15"				3.8	+5.8	+5.9	} 64.7			Δ	Δ	
4	"	1320	269°	54'30"				3.8	+5.9						Δ	Δ
5		0						41	5.2				59.5		234	
6	N	1320	90°	12'00"				5.0	-9.6	-9.6	} 55.1			⊙	235	
7	"	1320	269°	48'10"				5.0	-9.5						⊙	
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 19
 LINE No.(s) 65 PARTY No. 1182 DATE 24 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helandee RODMAN Myces WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2												55.1		235		
3	S	2640	89°	58'25"				3.8	+2.6	+2.8	} 57.9		Δ			
4	"	2640	270°	01'00"				3.8	+3.0					Δ		
5	"	1320	✓					4.9		-4.9		53.0	-	236		
6		0						HI 5.2		-5.2		52.7		237	π	
7	N	1320	90°	08'08"				5.0	-8.1	-8.1	} 53.2		○	238		
8	"	1320	269°	51'54"				5.0	-8.1				49.8	○		
9	S	1320	89°	58'48"				3.8	+3.3	+3.4	} 43.6		Δ			
10	"	1320	270°	00'51"				3.8	+3.5					Δ		
11		0						HI 5.2		-5.2		48.0		239	π	
12	N	1155	89°	55'42"				5.0	-3.6	-3.6	} 49.6		○	240	+155	
13	"	1155	270°	04'07"				5.0	-3.6					○		
14	S	1080	89°	28'38"				3.8	-6.1	-6.0	} 43.6		Δ			
15	"	945	270°	30'50"				3.8	-5.9					Δ		
16	"	915	89°	21'10"				7.0		+3.3		46.9	-	240	+0.5 ←	
17		0		50'45"				HI 5.2		-5.2		48.4			INT. Lines 65 & 56 π	
18	SW	2240	89°	35'58"				2.0	✓	+4.0		47.6	-	200	Line 56 47.1	
19	SE	140	✓					3.3		-3.3		40.3	-	208	Line 56 40.9	
20	N	400	91°	03'50"				10.0		-17.4		26.2	-	241	Line 65	

11.55 FULL
 2.550
 915
 72.0
 3.0
 4.0
 2.0
 7.4

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 20
 LINE No.(s) 65 PARTY No. 1182 DATE 24 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2																
3	N	1720	✓									43.6				
4	"	1720	90°	03'40"									31.7	○	242	
5	S	1320	91°	04'50"										Δ		
6	"	1320	268°	55'48"										Δ		
7		0						HI	5.2		-5.2		61.3	-	243	⊥
8	N	1320	89°	45'00"					5.0	+0.8	+0.8		67.3	○	244	
9	"	1320	270°	15'02"					5.0	+0.8				○		
10	S	2640	89°	26'45"					14.5	-11.0	-11.0	56.3		Δ		
11	"	2640	270°	33'15"					14.5	-11.0				Δ		
12	"	1320	89°	41'25"					5.0		+2.1		58.4	-	245	
13		0						HI	5.2		-5.2		51.1	-	246	⊥
14	N	1320	✓						6.2		-6.2		50.1	-	247	
15	"	2640	89°	35'20"					14.5	+4.9	+4.6		60.9	○	248	
16	"	2640	270°	25'00"					14.5	+4.7				○		
17	S	2640	89°	40'45"					14.5	-0.3	-0.3	60.6		Δ		
18	"	2640	270°	19'10"					14.5	-0.2				Δ		
19	"	1320	89°	36'25"					14.5		-5.4		55.2	-	249	
20		0						HI	5.2		-5.2		55.4	-	250	⊥

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 21
 LINE No.(s) 65 PARTY No. 1182 DATE 24 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ 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	Correction	Center Hair			INST.	ROD			
1																
2												60.6				
3	N	1320	89°	33'40"				14.5		-4.4		56.2	-	251		
4	"	2640	89°	47'20"				14.5	-4.8	-4.8		55.8	⊙	252		
5	"	2640	270°	12'35"				14.5	-4.8				⊙			
6	S	2640	89°	55'30"				14.5	+11.0	+10.9		66.7	Δ			
7	"	2640	270°	04'45"				14.5	+10.9				Δ			
8	"	1320	90°	06'27"				3.8		-6.3		60.4	-	253		
9		0								-5.2		61.5		254	↑	
10	N	1320	89°	47'20"				5.2						255		
11	"	1320	89°	24'44"				14.5	-1.0	-1.0		65.7	⊙	255		
12	"	1320	270°	35'15"				14.5	-1.0				⊙			
13	S	1320	89°	19'20"				14.5	-1.1	-1.1		64.6	Δ			
14	"	1320	270°	40'35"				14.5	-1.1				Δ			
15		0								-5.2		59.4		256	↑	
16	N	1320	90°	08'48"				5.0		-8.4		56.2	-	257		
17	"	2640	89°	52'05"				14.5	-8.4	-8.4		56.2	⊙	258		
18	"	2640	270°	08'06"				14.5	-8.3				⊙			
19	S	2640	89°	51'35"				14.5	+8.0	+8.1		64.3	Δ			
20	"	2646	270°	08'08"				14.5	+8.3				Δ			

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE ALASKA PAGE No. 22
 LINE No.(s) 65 PARTY No. 1182 DATE 24 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. Elev. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2												64.3				
3	S	1320	90°	03'53"				3.8		-5.3		59.0	-	259		
4		0						5.2		-5.2		59.1	-	260	π	
5	N	1320	89°	59'30"				5.0		-4.8		59.5	-	261		
6	"	2640	89°	45'18"				14.5	-3.1	-2.9		61.4	⊙	262		
7	"	2640	270°	15'20"				14.5	-2.7				⊙			
8	S	2640	89°	57'10"				14.5	+12.3	+12.2		73.6	Δ			
9	"	2640	270°	03'15"				14.5	+12.0				Δ			
10	"	1320	90°	21'15"				3.8		-7.0		61.6	-	263		
11		0						5.2		-5.2		68.4	-	264	π	
12	N	1320	90°	42'08"				3.8		-20.0		53.6	-	265		
13	"	2640	90°	10'24"				14.5	-22.5	-22.3		57.3	⊙	266		
14	"	2640	269°	50'05"				14.5	-22.1				⊙			
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 23
 LINE No.(s) 65 PARTY No. 1182 DATE 25 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helandee RODMAN Myers WEATHER: _____ 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															
2												51.3		266	
3	S	2640	✓					7.6	+7.6	+7.6	} 58.9				
4	"	2640	89°	56'44"				10.0	+7.5						
5	"	1320	✓					7.4		-7.4		51.5	-	267	
6		0										53.7		268	π
7	N	1320	✓					5.2		-5.2		53.9	-	269	
8	"	2640	89°	41'15"				5.0	+9.9	+9.7	} 68.2			270	
9	"	2640	270°	19'30"				5.0	+10.0						
10	S	2640	89°	52'24"				5.0	-0.8	-0.9	} 67.2				
11	"	2640	270°	07'40"				5.0	-0.9						
12	"	1320	✓					5.1		-5.1		62.6	-	271	
13		0										62.5		272	π
14	N	1320	89°	40'22"				5.0		+2.2		69.9	-	273	may need correct
15	"	2640	89°	40'15"				10.0	+5.2	+5.9	} 73.1			274	
16	"	2640	270°	20'17"				10.0	+5.6						
17	S	2640	89°	43'35"				5.0	-3.8	-3.9	} 69.2				
18	"	2640	270°	11'40"				5.0	-4.0						
19	"	1320	✓					5.4		-5.4		63.8	-	275	
20		0										64.0		276	π

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STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 24
 LINE No.(s) 65 PARTY No. 1182 DATE 25 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: North Slope Nice 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	Correction	Center Hair			INST.	ROD			
1																
2												69.2				
3	N	1320	✓					6.2		-6.2		63.0	-	277		
4	"	2640	✓					12.0	-12.0	-12.0		57.2	⊙	278		
5	"	2640	90°	09'00"				5.0	-11.9				⊙			
6	S	2640	✓					3.2	+3.2	+3.2		60.9				No ELEV. USED
7	"	2640	89°	51'05"				10.0	+3.2				Δ			
8	"	1320	✓					4.5		-4.5		55.9	-	279		(NAME IS PULL)
9	W	2530	89°	33'32"				5.0		+14.5		79.9	-	TRISTA Geodetic		
10														Elev		
11														Mistie		
12																
13		0						H1	5.2	-5.2		55.2		280		π
14	N	1320	✓					6.4		-6.4		59.0	-	281		
15	"	2640	✓					6.6	-6.6	-6.6		53.8	⊙	282		
16	"	2640	89°	55'35"				10.0	-6.6				⊙			
17	S	1320	✓					12.9	+12.9	+12.9		66.7				
18	"	1320	90°	07'29"				10.0	+12.9				Δ			
19		0						H1	5.2	-5.2		61.5		283		π
20	N	1320	✓					13.6	-13.6	-13.6		53.1	⊙	284		

TI-5880 " 1320 90° 09'23"

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CHECKED BY 1st _____ 2nd _____

13.60
1.00
12.60
2530

STADIA SURVEY NOTES

AREA NPR-4 STATE or PROVINCE Alaska PAGE No. 25
 LINE No.(s) 65 PARTY No. 1182 DATE 25 Day 2 Mo. 76 Yr. BOOK No. _____
 SURVEYOR Helander RODMAN Myers WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
1																
2													53.1			
3	S	2215	✓					9.5	+9.5	+9.5	} 62.6			Δ		
4	"	2215	90°	07'07"				5.0	+9.6						Δ	
5	"	895	✓					10.1		-10.1			52.5	-	285	
6		0													285+895	π
7	N	495	✓					13.1		-12.1			49.5	-	286	
8	"	1815	✓					13.5		-13.5			49.1	-	287	
9	"	3135	✓					14.3	-14.3	-14.3	} 62.2		48.3	○	288	
10	"	3135	90°	04'47"				10.0	-14.4						○	
11	S	1320	✓					13.9	+13.9	+13.9				Δ		
12	"	1320	90°	10'25"				10.0	+14.0					Δ		
13		0						HI 5.2		-5.2			57.0		289	π
14	N	1320	✓					4.5	-4.5	-4.5	} 57.3		57.7	○	290	
15	"	1320	89°	45'25"				10.0	-4.4						○	
16	S	1155	89°	44'00"				5.0	-0.4	-0.4				Δ		
17	"	1155	270°	16'00"				5.0	-0.4					Δ		
18		0													290+1155	π
19	N	165	92°	47'05"				10.0		-10.0			39.3	-	291	
20	NE	780	94°	18'03"				5.0		-6.3			26.0	-	ON OCEAN ICE	

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