

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 5644 OF _____
 LINE/LOOP NO. 674 TYPE SURVEY _____ CLIENT WASKY NRR DATE 18 BY 4 MO 79 YR _____
 SURVEYOR T. SHERIDAN INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	 	STATION	VERTICAL							HORIZONTAL		REMARKS	
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE
				SLOPE					HORIZ	INST			
1									6.3		REFL L-11	1 PAGE 558	
2	A	S.P. 78	2960		89 57 40	90 7	+6.7	14.1	(13.04)			2	
3	A	LINE 680	✓		270 02 30	90 1						3	
4	T	T.P. 1	0		90 —	50	-5.0					4	
5	O	T.P. 2	1680		90 —	6.4	-6.4		7.7			5 6.6	
6	O		✓		270 —	6.6						6	
7												7	
8	A	T.P. 2	5100		90 —	12.5	+12.1	18.9	(18.7)			8	
9	A		✓		270 —	12.8						9	
10	T	S.P. 2	0		90 —	50	-50		13.71			10	
11		S.P. 1	880		90 12 30	90	-12.2		6.51			11	
12		T.S. 1	1760		90 06 30	90	-12.3				ON LAKE	12	
13					T.S. 1 - (ON LAKE							13	
14												14	
15		S.P. 3	880		89 34 20	90	-2.4		16.31			15	
16	O	S+ 330	1210		89 50 00	90 7	-5.5		13.4			16 13-23	
17	O		✓		270 09 50	90						17	

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SYMBOLS = BACKSIGHT = INSTRUMENT SET-UP = SIDESHOT = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BALDWIN STATE/COUNTY ALASKA BOOK NO. 3 PAGE 562 OF 555
 LINE/LOOP NO. 674 TYPE SURVEY _____ CLIENT HUSKY NAR DATE 18 BY 4 MO 79 YR
 SURVEYOR T. SHANKILL INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		LR OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE					HORIZ	INST				
1												1		
2	Δ	SP. 3+330	4070		89 54 20	90.7	+2.1	15.7	13.4 (15.28)			2		
3	Δ		✓		270 05 30	90.1						3		
4		4	3520		90 00 50	90.0	-9.6		5.68			4		
5		5	2640		90 02 10	90.0	-10.5		4.78			5		
6		6	1760		90 02 10	90.0	-10.1		5.18			6		
7		7	880		89 48 20	90.0	-6.0		9.28			7		
8	Δ	8	0		90 —	5.0	-5.0		10.3			8		
9		9	880		89 57 30	90.0	-8.3		7.0			9		
10		10	1760		90 03 10	90.0	-10.6		4.7			10		
11		11	2640		89 57 20	90.0	-6.8		8.5			11		
12	⊙	12	3520		90 02 10	90.7	-11.1		4.6			12	4.23	
13	⊙		✓		269 57 40	90.1						13		
14												14		
15	Δ	12	3520		90 00 30	90.7	+9.3	14.1	(13.65)			15		
16	Δ		✓		269 59 30	90.1						16		
17		13	2640		89 59 40	90.0	-8.6		4.9			17		





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SYMBOLS Δ = BACKSIGHT ⊕ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 563 OF 556
 LINE/LOOP NO. 674 TYPE SURVEY _____ CLIENT HUSKEY APR DATE 18 BY 4 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

LINE	  	STATION	VERTICAL						ELEVATION		HORIZONTAL		REMARKS	
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD	LR OR DR	RIGHT TURNED HORIZONTAL ANGLE		LINE
				SLOPE 										
1									14.1	(13.4m)			1	
2		SP 14	1760		89 55 20	9.0	-6.6			6.9			2	
3		15	880		89 52 00	9.0	-6.9			6.6			3	
4		16	0		90 —	5.0	-5.0			8.5			4	
5		17	880		89 50 00	9.0	-6.4			7.1			5	
6		18	1760		89 56 00	9.0	-6.9			6.6			6	
7		19	2640		89 56 50	9.0	-6.9			7.1			7	
8		20	3520		89 58 00	9.0	-6.8			7.3			8	
9			✓		270 01 50	9.0							9	
10													10	
11		20	4137		89 56 50	9.0	+4.9	12.5		(11.6m)			11	
12			✓		270 0300	9.0							12	
13		21	3257		89 56 50	9.0	-5.8			5.8			13	
14		22	2377		89 53 30	9.0	-4.4			7.2			14	
15		23	1497		90 04 00	9.0	-10.7			0.9			15	
16		24	617		89 46 50	9.0	-6.6			5.0			16	
17		24 + 617	0		90 —	5.0	-5.0			6.6			17	

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SYMBOLS

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 = INSTRUMENT SET-UP

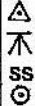







 = SIDESHOT

 = FORESIGHT





HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 559 OF 564
 LINE/LOOP NO. 674 TYPE SURVEY _____ CLIENT HUSLEY NAD DATE 19 DY 4 MO 79 YR
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO. _____ CREW NO. 1182

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LINE		STATION	VERTICAL						HORIZONTAL		REMARKS	
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			RIGHT TURNED HORIZONTAL ANGLE
				SLOPE 					HORIZ 	INST		
1								12.5	(11.61)			
2		S.P. 25	263		89 26 00	9.0	-6.4		5.2			
3		26	1143		89 48 50	9.0	-5.3		6.3			
4		27	2023		89 54 40	9.0	-5.8		5.8			
5		28	2903		89 59 10	9.0	-8.1		3.5			
6		29	3783		90 02 10	9.0	-11.1		0.5			
7		30	4663		89 59 00	9.0	-7.1		5.4		6.56	
8			✓		270 01 10	9.0						
9												
10		30	4400		89 55 10	9.0	+2.5	8.1	(7.08)			
11			✓		270 04 40	9.0						
12		31	3520		89 56 10	9.0	-4.8		2.3			
13		32	2640		89 53 10	9.0	-3.6		3.5			
14		33	1760		89 52 50	9.0	-5.3		1.8			
15		34	880		89 47 30	9.0	-5.8		1.3			
16		35	0		90 —	5.0	-5.0		2.1			
17		36	880		89 43 50	9.0	-4.9		2.2			

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HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA Baldow STATE/COUNTY AKUSA BOOK NO. 3 PAGE 565 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT BUSBY APR DATE 19 DY 4 MO 79 YR
 SURVEYOR T. SPEDDILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	 SS 	STATION	VERTICAL						HORIZONTAL		REMARKS			
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			L/R OR D/I	RIGHT TURNED HORIZONTAL ANGLE	
				SLOPE 					HORIZ 	INST				ROD
1									8.1	(2.08)			1	
2		S.P. 37	1760		89 54 30	9.0	-6.1			1.0			2	
3		38	2640		89 52 10	9.0	-2.8			11.3			3	
4		39	3520		89 53 10	9.0	-1.8			1.3			4	S-R
5			✓		270 06 40	9.0							5	
6													6	
7		39	2640		89 55 50	9.0	+5.7	12.1		(10.9)			7	
8			✓		270 04 10	9.0							8	
9		40	1760		89 52 10	9.0	-4.9			6.0			9	
10		41	880		89 47 30	9.0	-5.8			5.1			10	
11		42	0		90 —	5.0	-5.0			5.9			11	
12		43	880		89 46 10	9.0	-5.4			5.5			12	
13		44	1760		89 51 20	9.0	-4.5			6.4			13	
14		44 + 770	2530		89 57 10	9.0	-6.8			5.8			14	6.12
15			✓		270 02 50	9.0							15	
16													16	
17													17	

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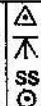











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HORIZONTAL AND VERTICAL SURVEY NOTES

6

GSI AREA Barlow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 566 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT Husky NRP DATE 20 BY 4 MO 79 YR
 SURVEYOR J. SHERBILL INSTRUMENT DESC/SERIAL NO. CREW NO. 7182

LINE	  	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE 					HORIZ 	INST				
1										5.3		1		
2		SP. 44+770	2750		90 02 50	9.0	+11.1	16.6		(15.23)		2		
3			✓		269 57 10	9.0						3		
4		45	2640		90 01 10	9.0	-9.8			5.4		4		
5		46	1760		90 00 00	9.0	-8.9			6.3		5		
6		47	880		89 43 40	9.0	-4.8			10.4		6		
7		48	0		90 —	5.0	-5.0			10.2		7		
8		49	880		89 48 30	9.0	-6.1			9.1		8		
9		50	1760		89 56 20	9.0	-7.1			8.1		9		
10		51	2640		90 05 30	9.0	-13.1			3.5		10	2-09	
11			✓		269 54 20	9.0						11		
12												12		
13		51	3520		90 01 20	9.0	+10.2	13.9		(12.28)		13		
14			✓		269 58 30	9.0						14		
15		52	2640		90 01 50	9.0	-10.3			2.0		15		
16		53	1760		89 55 50	9.0	-6.8			5.5		16		
17		54	880		89 49 40	9.0	-6.3			6.0		17		

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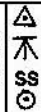











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  = SIDESHOT
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HORIZONTAL AND VERTICAL SURVEY NOTES

7

GSI AREA Barrow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 567 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT WALLEY INC DATE 20 BY 4 MO 79 YR
 SURVEYOR T. SHAWL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	   	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE 					HORIZ 	INST				
1									13.9	(12.28)		1		
2		51.55	0		90 —	5.0	-5.0			7.3		2		
3		56	880		89 49 10	9.0	-6.2			6.1		3		
4		57	1760		89 48 50	9.0	-3.2			9.1		4		
5		58	2640		89 53 00	9.0	-3.5			8.8		5		
6		59	3520		89 55 40	9.0	-4.0			2.9		6	8.32	
7			✓		270 05 00	9.0						7		
8												8		
9		59	3520		89 59 10	9.0	+8.0	18.2		(16.29)		9		
10			✓		270 00 40	9.0						10		
11		60	2640		89 56 40	9.0	-6.3			10.0		11		
12		61	1760		89 53 20	9.0	-5.5			10.8		12		
13		62	880		89 46 30	9.0	-5.5			10.8		13		
14		63	0		90 —	5.0	-5.0			11.3		14		
15		64	880		89 49 00	9.0	-6.2			10.1		15		
16		65	1760		89 56 10	9.0	-7.0			9.3		16		
17		66	2640		90 00 10	9.0	-9.0			7.3		17		

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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BALDOW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 568 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT WASCY NIK DATE 20 DAY 4 MO 79 YR
 SURVEYOR T. SHARILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	 	STATION	VERTICAL						HORIZONTAL		REMARKS				
			DISTANCE	FEET METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		LR OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	
				SLOPE	HORIZ					INST					ROD
1									18.2	(16.21)			1		
2		S.P. 67	3520		90 00 40	9.0	-9.4			6.9			2		
3		68	4400		89 54 50	9.0	-2.0			11.3			3		
4		68+770	5170		89 54 50	9.0	-0.8			17.4			4		
5			✓		270 05 00	9.0							5		
6													6		
7		68+770	4510		89 52 30	9.0	-1.0		16.6	(14.45)			7		
8			✓		270 07 10	9.0							8		
9		69	4400		89 53 00	9.0	+0.4			11.5			9		
10		70	3520		89 56 30	9.0	-5.2			9.3			10		
11		71	2640		89 56 50	9.0	-6.4			8.1			11		
12		72	1760		89 54 00	9.0	-5.9			8.6			12		
13		73	880		89 47 30	9.0	-5.8			8.7			13		
14		74	0		90 —	5.0	-5.0			9.5			14		
15		75	880		89 45 00	9.0	-5.1			9.4			15		
16		76	1760		89 52 00	9.0	-4.8			9.7			16		
17		77	2640		89 55 30	9.0	-5.4			9.1			17		












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HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA Baldow STATE/COUNTY ALASKA BOOK NO. 3 PAGE 569 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT HUSKY MAR DATE 20 BY 4 MO 79 YR
 SURVEYOR T. STERNIL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	   	STATION	VERTICAL						HORIZONTAL		REMARKS		
			DISTANCE	<input type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE 					HORIZ 	INST			
1									14.6	(14.65)		1	
2		S.P. 78	3520		89 57 30	9.0	-6.2			8.3		2	
3		79	4400		89 57 30	9.0	-5.6					3	8.84
4			✓		270 02 10	9.0						4	
5												5	
6		79	4400		89 59 30	9.0	+8.1	19.4		(16.9)		6	
7			✓		270 00 20	9.0						7	
8		80	3520		89 59 00	9.0	-7.7			9.2		8	
9		81	2640		89 56 40	9.0	-6.3			10.6		9	
10		82	1760		89 54 00	9.0	-5.9			11.0		10	
11		83	880		89 44 30	9.0	-5.0			11.9		11	
12		84	0		90 —	5.0	-5.0			11.9		12	
13		85	880		89 46 10	9.0	-5.4			11.5		13	
14		86	1760		89 55 40	9.0	-6.7			10.2		14	
15		87	2640		89 57 40	9.0	-7.1			9.8		15	
16		88	3520		89 59 10	9.0	-7.9			9.0		16	
17												17	

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SYMBOLS  = BACKSIGHT  = INSTRUMENT SET-UP  = SIDESHOT  = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

10

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 570 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT HUSKY MAR DATE 20 BY 4 MO 79 YR
 SURVEYOR T. SHERRILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ ⊥ SS ⊙	STATION	VERTICAL						ELEVATION		LR OR DI	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	FEET METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST					ROD
				SLOPE 	HORIZ 										
1									19.4	(891)			1		
2	⊙	SP. 89	4400			90 02 00	90		-11.2		82			2	5.74
3	⊙		✓			269 58 00	90							3	
4														4	
5	⊥	89	2620 2640			89 54 40	90		+4.8	13.2	(10.57)			5	
6	⊥		✓			270 05 10	90							6	
7		90	2640 1760			89 55 00	90		-6.4		4.2			7	
8		91	260880			89 48 50	90		-6.1		4.5			8	
9	⊥	92	880			90 —	90		-5.0		5.6			9	
10	⊥	93	880			89 48 00	90		-5.9		4.7			10	
11		94	880 1760			89 56 10	90		-7.0		3.6			11	
12		95	7760 2640			89 53 40	90		-4.0		6.6			12	
13		96	2640 3520			89 44 00	90		+2.6		18.2			13	
14	⊙	96 + 461	3981			89 44 50	90		+8.8		22.0			14	A-TM - USES
15	⊙	= A-TM	✓			270 15 00	90				19.4 ✓			15	A-TM - 1182
16														16	
17											± 2.6			17	MOISTE

TI-234718



WORKED BY CHECKED BY 1ST 2ND

SYMBOLS △ = BACKSIGHT ⊥ = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

11

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 571 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT PHASKEY VPR DATE 20 DAY 4 MO 19 YR
 SURVEYOR T. SHERILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ ↑ SS ◎	STATION	VERTICAL						ELEVATION		L/R OR D/I	RIGHT TURNED HORIZONTAL ANGLE	LINE	REMARKS	
			DISTANCE	FEET METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST					ROD 19.4
				SLOPE 	HORIZ 										
1															
2	△	96 + 461	3939		89 49 20	90 7		-3.5	15.7						
3	△	= A THW	✓		170 10 30	90 1									
4		97	3520		89 51 10	90		+0.3		16.0					
5		98	2640		89 47 00	90		+1.1		16.8					
6		99	1760		89 35 50	90		+3.4		19.1					
7		100	880		89 35 00	90		-2.6		13.1					
8	↑	101	0		90 —	5.0		-5.0		10.7					
9		102	880		89 54 10	90		-7.5		8.2					
10		103	1760		89 55 00	90		-6.4		9.3					
11		104	2640		89 58 00	90		-7.3		8.4					
12		105	3520		89 58 50	90		-7.6		8.1					
13	○	106	4400		90 00 00	90 7		-8.8		6.9 ✓					
14	○		✓		269 59 40	90 1									
15															
16	△	106	4400		90 01 50	90 7		+11.1	17.8						
17	△		✓		269 58 00	90 1									

TI-23471B

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SYMBOLS △ = BACKSIGHT ↑ = INSTRUMENT SET-UP SS = SIDESHOT ◎ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARLOW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 572 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT WASKY AIR DATE 20 BY 4 MO 29 YR
 SURVEYOR T. SKEDDIN INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	<input type="checkbox"/> Δ <input type="checkbox"/> SS <input type="checkbox"/> ⊙	STATION	VERTICAL						ELEVATION		HORIZONTAL		REMARKS		
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	INST	ROD	L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE	LINE
				SLOPE 	HORIZ 										
1									17.8				1		
2		SP 107	3520			90 02 20	90	-11.1		6.7				2	
3		108	2840			90 02 20	90	-10.7		7.1				3	
4		109	1960			89 59 50	90	-8.9		8.9				4	
5		110	880			89 49 00	90	-6.2		11.6				5	
6	π	111	0			90 —	5.0	-5.0		12.8				6	
7		112	880			89 53 00	90	-7.2		10.6				7	
8		113	1760			89 58 40	90	-8.3		9.5				8	
9		114	2640			90 11 40	90	-17.8		0-				9	
10		115	3520			90 09 00	90	-18.0		-0.2				10	
11	⊙	116	4400			90 01 10	9.0	-10.2		7.6				11	
12	⊙		✓			269 58 40	9.0							12	
13														13	
14	Δ	116	4400			89 53 20	9.0	+0.3	7.7					14	
15	Δ		✓			270 06 20	9.0							15	
16		117	3520			89 52 40	9.0	-1.2		6.5				16	
17	Δ	117 + 379/674	2640 3141			89 52 40	9.0	-2.1		5.6				17	

WORKED BY MA 80 + 748/628N 3141 CHECKED BY 1ST 2ND

SYMBOLS Δ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 573 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT HUSKY NPL DATE 21 DY 4 MO 79 YR
 SURVEYOR T. SHERILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ ⊕ SS ⊙	STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	FEET METERS		VERTICAL ANGLE OBS.	ROD RDG OR HI.	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION			LR OR DR	RIGHT TURNED HORIZONTAL ANGLE
										INST	ROD			
1										7.7			1	
2		SR 81/L-6282	3144		89 51 10	9.0	-0.7			7.0			2	
3		SR 118/L-674	2640		89 52 00	9.0	-2.7			5.0			3	
4		119	1760		89 53 30	9.0	-5.6			2.1			4	
5		120	880		89 48 30	9.0	-6.0			1.7			5	
6	π	121	0		90 —	5.0	-5.0			2.7			6	
7		122	880		89 49 50	9.0	-6.4			1.3			7	
8		123	1760		89 48 10	9.0	-2.9			4.8			8	
9		124	2640		89 53 00	9.0	-3.5			4.2			9	
10		125	3520		89 55 30	9.0	-4.1			3.6			10	
11	⊙	126	4400		89 56 40	9.0	-4.6			3.1			11	
12	⊙		✓		270 03 00	9.0							12	
13													13	
14	△	126	4400		89 56 00	9.0	+3.6		6.4				14	
15	△		✓		270 03 50	9.0							15	
16		127	3520		89 54 40	9.0	-3.3			3.1			16	
17		128	2640		89 56 20	9.0	-6.0			0.4			17	

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SYMBOLS △ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

GSI AREA BARROW STATE/COUNTY ALASKA BOOK NO. 3 PAGE 574 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT HUSKY NLR DATE 21 BY 4 MO 79 YR
 SURVEYOR T. SHERKILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE		STATION	VERTICAL							HORIZONTAL		REMARKS		
			DISTANCE	<input checked="" type="checkbox"/> FEET <input type="checkbox"/> METERS	VERTICAL ANGLE OBS.	ROD RDG OR HI.	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		L/R OR DI		RIGHT TURNED HORIZONTAL ANGLE	
				SLOPE					HORIZ	INST				ROD
1									6.4			1		
2		St. 129	1760		89 56 00	9.0	-6.9			-0.5			2	
3		130	880		89 51 30	9.0	-6.8			-0.4			3	
4	T	131	0		90 —	5.0	-5.0			1.4			4	
5		132	880		89 46 50	9.0	-5.6			0.8			5	
6		133	1760		89 51 20	9.0	-4.5			1.9			6	
7		134	2640		89 54 20	9.0	-4.5			1.9			7	
8		135	3520		89 55 20	9.0	-4.0			2.4			8	
9	o	136	4400		89 56 30	9.0	-4.2			2.2			9	
10	o		/		270 03 20	9.0							10	
11													11	
12	A	136	3955		89 55 40	9.0	+3.9		5.9				12	
13	A		/		270 04 00	9.0							13	
14		137	3075		89 55 40	9.0	-4.9			1.0			14	
15		138	2195		89 55 00	9.0	-5.7			0.2			15	
16		139	1315		89 51 30	9.0	-5.7			0.2			16	
17		140	435		89 34 10	9.0	-5.7			0.2			17	

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SYMBOLS = BACKSIGHT = INSTRUMENT SET-UP = SIDESHOT = FORESIGHT

HORIZONTAL AND VERTICAL SURVEY NOTES

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GSI AREA BALLA STATE/COUNTY ALASKA BOOK NO. 3 PAGE 575 OF
 LINE/LOOP NO. 674 TYPE SURVEY CLIENT HUSKY NLR DATE 21 DY 4 MO 79 YR
 SURVEYOR T. SKAMILL INSTRUMENT DESC/SERIAL NO. CREW NO. 1182

LINE	△ SS ⊙	STATION	VERTICAL							HORIZONTAL		REMARKS	
			DISTANCE	<input checked="" type="checkbox"/> FEET	VERTICAL ANGLE OBS.	ROD RDG OR HI	ELEV DIFF	FINAL ELEVATION DIFF	ELEVATION		RIGHT TURNED HORIZONTAL ANGLE		LINE
				<input type="checkbox"/> METERS					INST	ROD			
		SLOPE	HORIZ										
1										5.9		1	
2	π	S.P. 140 + 435	0		90 —	5.0	-5.0			0.9		2	
3		141	445		89 35 50	9.0	-5.9			0 —		3	
4		142	1325		89 47 00	9.0	-4.0			1.9		4	
5		143	2205		89 54 30	9.0	-5.4			0.5		5	
6		144	3085		89 55 20	9.0	-4.6			1.3		6	
7	⊙	145	3965		89 57 10	9.0	-5.5			0.4		7	
8	⊙		✓		87 02 40	9.0						8	
9												9	
10	△	145	2640		89 56 10	9.0	+6.0		6.3			10	
11	△		✓		27 03 40	9.0						11	
12		146	1760		89 53 10	9.0	-5.4			0.9		12	
13		147	880		89 48 10	9.0	-6.0			0.3		13	
14	π	148	0		90 —	5.0	-5.0			1.3		14	
15	⊙	SEA LEVEL	1760		89 54 40	9.0	-6.3			0.0 ✓		15	MOTHER SEA LEVEL - NATURE
16	⊙		✓		27 05 00	9.0				1.2		16	SEA LEVEL - MAN MADE
17												17	MISSILE

WORKED BY T.S. 1-6 SEA LEVEL CHECKED BY 1ST 2ND
 SYMBOLS △ = BACKSIGHT π = INSTRUMENT SET-UP SS = SIDESHOT ⊙ = FORESIGHT