

SITKINAK ISLAND, ALASKA REPORT PERIOD JULY 1968

PAIR (1)	STANDARD TIME DELAY		TOLERANCE		AVG. TIME DELAY		METHOD OF CONTROL (SLAVE ONLY)		
	ENVELOPE (2)	PHASE	ENVELOPE (3)	PHASE	ENVELOPE (4)	PHASE	ALPHA	BRAVO (5)	DELTA
SL2-X	11100.4	4.64	± 2.0	± 0.1	11100.41	4.62	0.43	99.29	0.28
SL2-Y	35693.0	2.55	± 2.0	± 0.1	35691.75	2.30			

PAIR (1)	MIN MASTER BLINKS (5)	MIN SLAVE BLINKS (7)	MIN BOTH BLINKS (8)	MIN MASTER OFF AIR (9)	MIN SLAVE OFF AIR (10)	MIN BOTH OFF AIR (11)	MIN OUT OF TOL WITHOUT BLINK (12)	AUTH UNUSABLE SERVICE TIME (13)	TOTAL UNUSABLE SERVICE TIME (14)	TOTAL MINUTES COVERED IN REPORT (15)	TOTAL % USABLE SERVICE TIME (16)
SL2-X	36	3	60	8	5	0	N.A.	0	112	40320 ()	99.75
SL2-Y	60	3	29	8	9	0	N.A.	0	109	41760 ()	99.76
										43200 ()	
										44640 (X)	

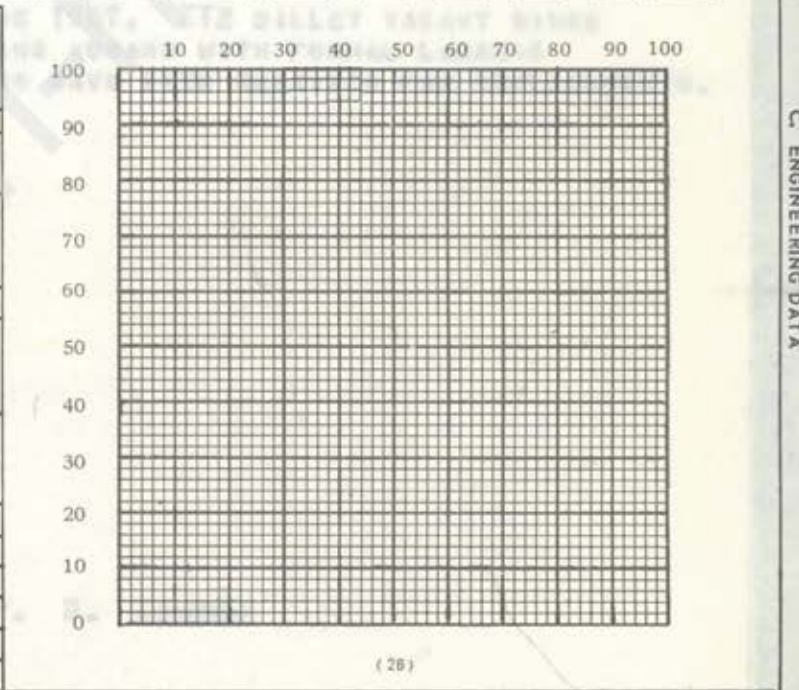
SYSTEM QUALITY EVALUATION

WATER JUMP 2000
 WATER OFF 400/ PULSE TRAIL CORRECT

EQUIPMENT (17)	SER. (18)	HOURS UNDER MAINTENANCE (19)		TOTAL CATHODE CURRENT (20)	ANTENNA CURRENT (21)	FEED BACK VOLTAGE 0---P (22)	DATE POWER MEASUREMENT (23)	PEAK POWER RADIATED (24)
		PREV	CORR					
XMTR FPN-42	3	2.0	39.0	1.81	30.06	N.A.	07-03-68	346.70
XMTR FPN-42	4	4.0	20.0	1.41	30.08	N.A.	07-03-68	360.62

PULSE ANALYSIS
 DATE _____
 * NEG. _____
 + POS. _____

TMR	SER.	PREV	CORR	LOCKED OSCILLATOR OPERATION (25)	
FPN-41	3	12.0	67.0		TOTAL HOURS
FPN-41	4	8.0	46.0	NONE	
EQUIPMENT CHANGES (27)				THRS XMTRS	
PG/AMP	FPN-42	3	2.0		A
PG/AMP	FPN-42	4	1.0		
PG/AMP					7 C 15



PAIR (1)	ETA QUAN (28)	QUAN (29)	ALG. TOTAL (30)
SL2-X	6	12	-0.02

LORAN-A	TRANS-MISSION LINE DATA	LINE AMPS (30)	ANT. AMPS (31)	VSWR (32)	ANTENNA RESISTANCE (33)	SIGNAL TO NOISE RATIO (34)					
						TIME	M	X	Y	Z	W
						Line 1					
	Line 2										

DATE 08-06-68 SIGNATURE P. D. LAWSON LTJG USCGR

REVIEWED: COCO DATE SIGNATURE

REVIEWED: SECTION OFFICE DATE SIGNATURE

REVIEWED: DISTRICT OFFICE DATE SIGNATURE

ENCL. (1) TO CG-2899 DTD 08-06-68

1. PERIODS OF UNUSABLE TIME EXCEEDING FIVE (5) MINUTES :

090442Z - 090451Z	MASTER PWR FAILURE/ XRAY OUT TOL	9 MINS
142224Z - 142229Z	XRAY JUMP SYNC	5 MINS
171946Z - 171952Z	XRAY OFF AIR/ OUT OF TOL.	6 MINS
191131Z - 191141Z	XRAY OUT TOL.	10 MINS
192042Z - 192047Z	XRAY OSC. FAILURE/ OFF AIR	5 MINS
240219Z - 240230Z	MASTER JUMP SYNC	11 MINS
291922Z - 291930Z	MASTER OFF AIR/ PULSE TRAIN ERRATIC	8 MINS

2. FUEL REPORT :

FUEL OIL :	ON HAND	<u>305,179</u>
	EXPENDED	<u>11,690</u>
	RECEIVED	<u>NONE</u>

3. PERSONNEL :

ET1 BILLETS VACANT SINCE JUNE 1967. ET2 BILLET VACANT SINCE JANUARY 1968. NO TECHNICIANS ABOARD WITH FORMAL LORAN-C TRAINING. NO ADVANCE ORDERS HAVE BEEN RECEIVED FOR REPLACEMENTS.

4. MAIL : FAIR

MORALE : EXCELLENT

COMMUNICATIONS : FAIR

LOGISTICS : EXCELLENT

P. D. LAWSON