

Commanding Officer
USCG LORAN Station
Box MJ
FPO Seattle 98770

10550
19 April 1971

From: Commanding Officer, USCG LORAN Station, Miyako Jima
To: Commander(e), U. S. Coast Guard District, Fourteen
Via: Commander, U. S. Coast Guard Section, Philippines

Subj: CG-2899 Loran Report for March, resubmission of

Ref: (a) Your msg R140110Z APR 71
(b) CG-222 Appendix C; CCG114-C-25-C
(c) CG-222 Appendix C; CCG114-C-17

1. The Loran Report CG-2899 for March is resubmitted herein.
2. Average time delay readings have been segregated into day and night readings for rate 2-H-4. Night readings could not be taken for monitor rate 2-H-3.
3. Block 14 is given as the summation of blocks 6, 9, 12, and 13 as per instructions of ref (b). If block 6 is to be omitted in computations, please advise. Block 6 has been recomputed so as not to show authorized off air time on local blink meter.
4. Block 6 of block A asks for the percentage of total useable service time, figuring in authorized unusable service time. The resultant figure is less than 99.7%. However, if authorized off air time is disregarded, as specified by ref (c), the percentage of usable service time for March 1971, is 99.82 %.
5. Enclosure (2) is resubmitted to show that all generators are now in a Bravo Status and enlisted personnel number is 12, not 13.

H. T. ENGER

Encl: (1) Electronic equipment and system quality evaluation
(2) Mechanical equipment and personnel evaluation

10550
20 May 1971

FIRST ENDORSEMENT on CO CGLORSTA MIYAKO JIMA ltr 10550 of 19 April 1971

From: Commander, Coast Guard Section, Philippines
To: Commander, Fourteenth Coast Guard District (e)

Subj: CG-2899 Loran Report for March; resubmission of

1. Forwarded. Performance satisfactory.

S. J. STEPHANY

UNIT **USCGC LORSTA MIYAKO JIM** REPORT PER. **1-31 MARCH**

PAIR (1)	STANDARD TIME DELAY		TOLERANCE		AVG. TIME DELAY		METHOD OF CONTROL (SLAVE ONLY)				
	ENVELOPE (2)	PHASE	ENVELOPE (3)	PHASE	ENVELOPE (4)	PHASE	(5)				
2H4-M	5005.0		2.0		5005.331/84 DAY		3				
					5005.704/89 NIGHT						
2H3	1515.6		2.0		1514.777/85 DAY		SEE ENCL (5) MONITOR LOG				

PAIR (1)	MIN MASTER BLINKS (8)	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 UN-USABLE SERVICE TIME (13)	TOTAL UNUSABLE SERVICE TIME (14)	TOTAL MINUTES COVERED IN REPORT (15)	TOTAL % USABLE SERVICE TIME (16)
2H4-M	63.7			1.9			13.6	1200.0	1279.2	40320 ()	97.13%
										41760 ()	
										43200 ()	
										44640 ()	

A. OPERATIONS DATA

SYSTEM QUALITY EVALUATION

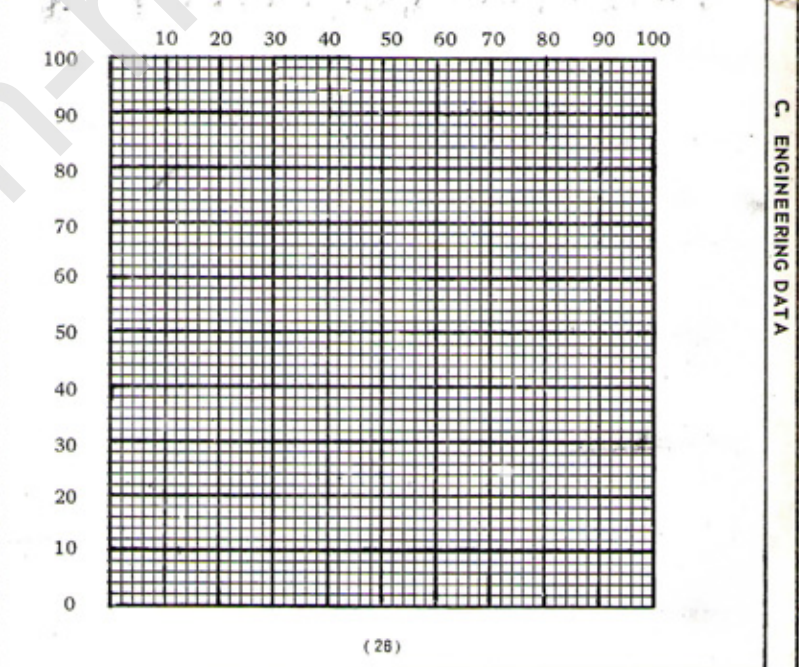
% useable less TYPE III OPERATION 100% SEE ENCL (1) FOR BAD TIME
authorized is 99.85% TYPE II OPERATION NONE

B.

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								
XMTR								
XMTR								
XMTR								

PULSE ANALYSIS
DATE _____ XMTR _____
P. G. _____
* NEG. _____
+ POS. _____

TMR	SER.	HOURS UNDER MAINTENANCE (19)	TOTAL CATHODE CURRENT (20)	ANTENNA CURRENT (21)	FEED BACK VOLTAGE (22)	DATE POWER MEASUREMENT (23)	PEAK POWER RADIATED (24)
TMR							
TMR							
TMR							
TMR							
PG/AMP							
PG/AMP							
PG/AMP							
PG/AMP							



C. ENGINEERING DATA

LORANA	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	2.65	2.51	1.08:1	47.0 J27	DAY	15				
	Line 2				09-19-69	NIGHT	8				

DATE **17 APRIL 1971** SIGNATURE **H. T. ENGER LTJG, USCGR, COMMANDING OFFICER**

REVIEWED: COCO DATE _____ SIGNATURE _____

REVIEWED: SECTION OFFICE DATE **20 May 1971** SIGNATURE **S. J. STEPHANY, CAPT, USCG**

REVIEWED: DISTRICT OFFICE DATE _____ SIGNATURE _____