



DEPARTMENT OF TRANSPORTATION  
UNITED STATES COAST GUARD

MAILING ADDRESS:  
Commanding Officer  
USCG LORAN A/C Station  
Nantucket  
Siasconset, MA 02564

10550  
17 March 1976

From: Commanding Officer, USCG LORAN A/C Station Nantucket  
To: Commander, First Coast Guard District (oan)

Subj: Abnormality on LORAN-A Rate 3H4; report of

Ref: (a) CG ATON Manual (CG-222-4) Art. 3-6B

1. The FPN-30 monitor timer at this unit detected an abnormality on rate 3H4 at 150130Z Mar 76. The secondary signal appeared to have jumped sync. LORSTA Cape Hatteras was informed via telephone of the abnormality but refused to correct. The watchstander at Hatteras stated that the FPN-56 at his station showed the rate in tolerance.

2. At 150145Z Mar 76 an additional FPN-30 and both FPN-56 receivers at this unit were locked on 3H4. All receivers showed a 100 usec error on the rate. Signal conditions were very good at Nantucket.

3. The watchstander at Hatteras was requested to contact the station O in C. The O in C arrived at approximately 0230Z and discussed the problem with this unit's Chief ET. At 0245Z Hatteras agreed to sit still while this unit slewed the rate back in tolerance. Operations were once again normal at 150250Z Mar 76. Hatteras agreed that the rate was in tolerance.

5. Blink was initiated by Hatteras during this period. This unit did not receive any abnormality reports or notice to mariners concerning the discrepancy however.

  
W. D. KLINE

Copy to: CCGDONE (eee)

RECORD OF CONTACT

FILE NUMBER:

3262

TYPE OF CONTACT:

Telephone  
(Incoming)

Telephone  
(Outgoing)

Written

Personal

TELEPHONE NUMBER and EXTENSION:

223-3632

DATE OF CONTACT:

19 MARCH 76

TIME OF CONTACT:

1443

TO: (Name, title, organization, etc.)

LCDR Massenberg  
Asst. to Chief, Aton Branch  
Fifth District

FROM: (Name, rank/grade, organization, code, etc.)

ASSOCIATION     DEALER     MARINA  
 BROKERAGE     INDIVIDUAL     WHOLESALER  
 BUILDER     MANUFACTURER     YACHT CLUB  
 OTHER     CONGRESSIONAL     HEADQTRS

SUBJECT OF THE CONTACT:

Loran-A Operations

SUMMARY: (Include commitments made and target dates, and questions asked and answered, etc.)

Called Mr. Massenberg this date re: 1 hour 20 minutes out-of-tolerance with blink time on rate 3H4 during the early morning hours of 17 March 1976. (See attached). Mr. Massenberg stated:

a. He had not learned of this bad time previously, and thanked me for bringing it to his attention.

b. Had just recently had a letter signed by CCGD5 (dcs) blasting Commandant for the LARE program in general, and the reliability of FPN-56's and lack of clear POCO instructions <sup>in</sup> and specifics. He will attempt to informally forward a copy of this letter to me. He advised him that we had sent somewhat similar LARE comments, and that we plan to continue using our FPN-30's as backup monitors/receivers. He said Hatteras was doing the exact same thing. (?)

COPY TO DIVISION CHIEF: (when not being reported by Div. Chief)  
Chief, Aids to Navigation Branch  
Chief, Electronics Engineering Br.

PERSON PREPARING THIS FORM:

Signature: ROBERT W. VAIL, LTJG

Title: Operations Officer (oan)

Tel.No. & Ext. 223-3632

Date: 19 MAR 76