

Commanding Officer
USCG LORSTA Ocean Cape
Yakutat, Alaska 99689

3262
29 June 1970
Serial 37/70

From: Commanding Officer, USCG LORSTA Ocean Cape
To : Commander, Seventeenth Coast Guard District (eee)

Subj: Loran-A Rates 1L6 and 1L7, Inoperative

Ref : P260050Z JUN 70 (Message)

1. From 1900Z to 2100Z 25 June 1970, 28.5 minutes of unusable time was recorded for rate 1L7 and 12.4 minutes of unusable time was recorded for rate 1L6.

2. The bad time was contributed to the bias pedestal generators in amplifiers number one and two. This unit has experienced an extreme amount of difficulty with these circuits. It was first thought that the trouble was in timer number two transmit trigger circuit. After switching timers, this proved to be false. Not until after several changes of V619, V620, and V621 in AM-1700/FPN, were tubes found that would work.

3. As stated before, these circuits give us a great deal of trouble, but usually only one at a time. It is felt by my technicians that there exists an engineering defect in these circuits.

4. This unit's record reflects the following failures for the past three months:

Amplifier number one	tube	failures
	V619	seven
	V620	seven
	V621	five
Amplifier number two	V619	eight
	V620	eight
	V621	two

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AIDS TO NAVIGATION
17th CG DISTRICT

I. Stolzenberg

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