From: Commandant
To: Commanding Officer, USCG Loran Station, Nantucket,
Via: Commander, First Coast Guard District (e)

Subj: Civil Defense Alarm Transmissions; schedules of

Ref: (a) CONDT (EEE-4) ltr 11153/101 of 14 Aug 1964

1. It is desired to test and evaluate a complete Civil Defense Alarm System utilizing the U. S. East Coast Loran-C chain. Reference (a) has already instructed the installation of the necessary modification to the AN/FTN-41 timers. It is planned to perform the tests during the week of 25 October 1964.

2. In order to establish a reasonable degree of assurance that the tests will be successful, it is requested that two preliminary transmission dates be established for the week prior to 26 October 1964. These two dates will be separated in order that time for correcting problems encountered on the first date may be solved by the second date, thereby alleviating numerous messages requesting additional test transmissions. The preliminary schedule requested follows:

1st Date: 20 October 1964 Time: 1000 EST to 1500 EST
Sequence: 1. MASTER - start: on the hour - end: 20 minutes after hour
2. X-SLAVE - start: 20 minutes after each hour - end: 40 minutes after the hour
3. Y-SLAVE - start: 40 minutes after each hour - end: 60 minutes after the hour

2nd Date: 23 October 1964 Time: 1000 EST to 1500 EST
Sequence: Same as above

Transmission Format: Each 20 minute transmission period to consist of continuous OCD Alarm broadcast throughout the interval.

3. Beginning the week of 26 October 1964 it is requested that OCD alarm transmissions be made as follows:

Dates: 26, 27, 29, and 30 October 1964*
Time: Begin at 0400 EST each day - End at 2000 EST each day

*On 28 October transmissions to continue through night and following day.
COMDT (HED-4) ltr to CO, USCG Loran Station, Nantucket, Massachusetts

Sequence: 1. MASTER - start: on the hour - end: 20 minutes after the hour
2. X-SLAVE - start: 20 minutes after the hour - end: 40 minutes after the hour
3. Y-SLAVE - start: 40 minutes after the hour - end: 60 minutes after the hour

Transmission Format: Each 20 minute transmission period to consist of 2 minutes of OCD alarm broadcasting followed by 2 minutes normal Loran-C operation, repeated throughout the interval.

4. Any changes to the transmission schedule or modifications to the transmission formats will be coordinated through the Chain Commander.

5. Any additional "on-the-air" tests which may be desired by the individual stations must be coordinated through the Chain Commander.

6. It is further requested that your station forward to Headquarters the original recordings of fifteen minute averages for each day's OCD alarm signal transmissions containing the following time period:
   a. Begin 30 minutes prior to daily OCD alarm schedule.
   b. End 30 minutes after securing from the daily OCD alarm schedule.

Recordings must be labeled with the following information:
   a. Date of recording.
   b. Station at which fifteen minute averages are recorded.
   c. Time of each OCD alarm transmission made by station.

Copy to:
Chief of Naval Operations

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