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Via : Chief, Office of Operations  
Chief, Administrative Division  
Chief, Aids to Navigation Division

AUG 10 1961

Quarterly Report of LORAN-A System Performance Test, Form CG-4067  
(5-61)

1. It is requested that the attached Operations Instruction be approved.
2. In the past no specific form was required for the completion of system performance tests and the various reports received did not always include the necessary information. As the system performance tests evaluates the operational effectiveness of the Loran system at the time of its performance it is an extremely valuable source of information. It is recommended that the system performance test be conducted quarterly to provide the Districts and Headquarters a true measure of the operation of the LORAN system.

W. B. MILLINGTON

Encl: (1) Operation Instruction No. \_\_\_\_\_  
(2) Form CG-4067 (5-61)

OPERATIONS INSTRUCTION NO. \_\_\_\_\_

Subj: Quarterly Report of LORAN-A System Performance Test, Form CG-4067 (5-61)

1. Purpose To promulgate instructions for the submission of quarterly reports of LORAN-A System Performance Tests.

2. Discussions In the past, reports of LORAN-A System Performance Tests were accomplished in accordance with Chapter 7 of the LORAN SYSTEM ENGINEERING MANUAL, CG-281. No forms were provided to accomplish the performance test the instructions contained in CG-281, LORAN SYSTEM ENGINEERING MANUAL were considered sufficient.

A review of the previous system performance test indicate that the need existed for a more frequent report, a standard form to be able to properly compare and examine the performance tests, and the need for requiring additional information. The performance test is to insure that system stability is equal to or better than that obtained during the initial system check. It is considered of utmost importance that it be accomplished as required in order to present to the District and Headquarters the true measure of the effectiveness of the LORAN System.

3. Actions District Commanders shall insure that the Quarterly Report of LORAN-A System Performance Test, Form CG-4067 (5-61) is prepared and submitted quarterly. Chapter 7, LORAN SYSTEM ENGINEERING MANUAL contains the pertinent information required to complete this form. Paragraph 7-8, Chapter 7, LORAN SYSTEM ENGINEERING MANUAL is hereby amended by deletion of the first sentence and inserting in its place:

"System Performance test shall be made once a quarter".

The new Form CG-4067 (5-61) shall be effective the first quarter following receipt of the Operations Order and the new Form.

5. Supply of Forms As initial distribution of Form CG-4067 (5-61), Quarterly Report of LORAN-A System Performance Test will be made to using units. Subsequent requirements should be requisitioned.