LORAN-C Receiver requirements

Ref: (a) DOD Letter to Treasury dated 24 April 1961

1. This Division, acting for the Treasury and Coast Guard, has representation on various aids to navigation groups that include U.S. agencies and many foreign nations. When the subject of LORAN-C is discussed the question frequently arises as to the availability of LORAN-C receivers for general use and, if receivers are available, how the Coast Guard uses them on their operational units. Since LORAN-C receivers are not in use on Coast Guard floating units this places the Coast Guard in an embarrassing position.

2. The advantages of LORAN-C are well known. It is the only system operational today that can supply now and in the near future, all ocean station vessels with full time high accuracies fixes necessary for improved position keeping.

3. It is considered highly desirable that the Coast Guard support the LORAN-C program by installing the receivers (LORAN-C or LORAN A/C) on units engaged in operations of the following type:

   a. Oceanography
   b. Collection of data for the Polaris Program
   c. One vessel per district where LORAN-C coverage exists. This to indoctrinate federal and civilian agencies.
   d. All ocean station vessels

4. It is recommended that requests received for LORAN-C or LORAN A/C receivers be given a high priority in the order indicated in paragraph 3 above.
FIRST ENDORSEMENT ON OAN MEMO OF 12 DEC 1961

From: Chief, Floating Units Division
To: Chief, Communications Division

Subj: LORAN-C Receiver requirements

Ref: (a) OFU Mem to OC 6 December 1961 Ser 1511, File J15

1. This Division strongly endorses the recommendation that Loran-C receivers be programmed for Coast Guard ship usage. Reference (a) above, which set forth this Division's electronic equipment requirements substantially is in agreement with the basic memo.

2. In the case of cutters assigned to ocean station duties, (item d) programming should be commensurate with the state of the art in receiver design and area coverage. However, items a-c reflect a requirement which is within the present state of Loran-C development.

/s/
E. V. CARLSON
By direction

Copy to: OAN