

6 October 1960
(Action Item 32)

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OPERATIONS
AIDS TO NAVIGATION DIV.

COPY NO
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NOTE BY THE SECRETARIES

to the

HOLDERS OF J6/ESD-1 26/45/D

(Loran Installation Plan 1957 (Revision of))

A D D E N D U M

Holders of J6/ESD-1 26/45/D, dated 12 August 1960, are requested to consider the attached memorandum in connection with the basic directive.

DECLASSIFIED
Authority NND 978245
By DTR NARA. Date 7-11-11

J. S. CALDWELL, JR.
B. F. MEWHORT
Secretaries

DISTRIBUTION "A"
plus
ESD-1
J-3 (2)
J-4
J-5
J/AN Prin. Mbrs.
Commandant, U. S. Coast Guard

| | | |
|---|--------------|----------------|
| | OAN | |
| 2 | Chief | <i>not</i> |
| 3 | Asst. Chief | <i>off</i> |
| | Plan. | |
| 4 | Elect. | <i>off</i> |
| | Asst. Elect. | <i>off</i> |
| | Hydro | <i>off</i> |
| | Asst. Hydro | |
| | Publ. | |
| | N. to M. | |
| | Charts | |
| | All | |
| | File | <i>Call Up</i> |

Capt:

This is formal notification to J-6 that Air Force needs Loran-C. With their support + Navy, the working

OAN copy

OFFICE OF THE DIRECTOR OF DEFENSE RESEARCH AND ENGINEERING
Washington 25, D. C.

September 27, 1960

MEMORANDUM FOR DIRECTOR, COMMUNICATION-ELECTRONICS (J-6)
JOINT STAFF

SUBJECT: LORAN-C Timing

In connection with recent discussions on the overall LORAN program there are actions presently underway that may influence future planning of LORAN-C installations. The Atlantic Missile Range has expressed a need for absolute time correlation to an accuracy of at least 10 microseconds between the launch and impact points. Also, a program is under way to determine the accuracy that might be expected by using the Jupiter LORAN-C station to transmit one microsecond timing signals. This test is scheduled for completion by 1 November 1960. It is planned that LORAN-C be used if these tests are successful.

At present there is no requirement that the three National Ranges (Pacific Missile Range, White Sands Missile Range and Atlantic Missile Range) be linked together with timing of this accuracy. It is expected however that this requirement may exist as joint use of the Ranges becomes more necessary. This need is now being studied and it is likely that LORAN-C would be the best system to satisfy this requirement. The Coast Guard, Navy and Bureau of Standards are active in this program with the Air Force and I am advising you in order that your staff may be cognizant of our efforts in this field.

/s/

J. M. Bridges
Director
Office of Electronics

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Authority NND 978245By DDR NARA. Date 7-11-11