

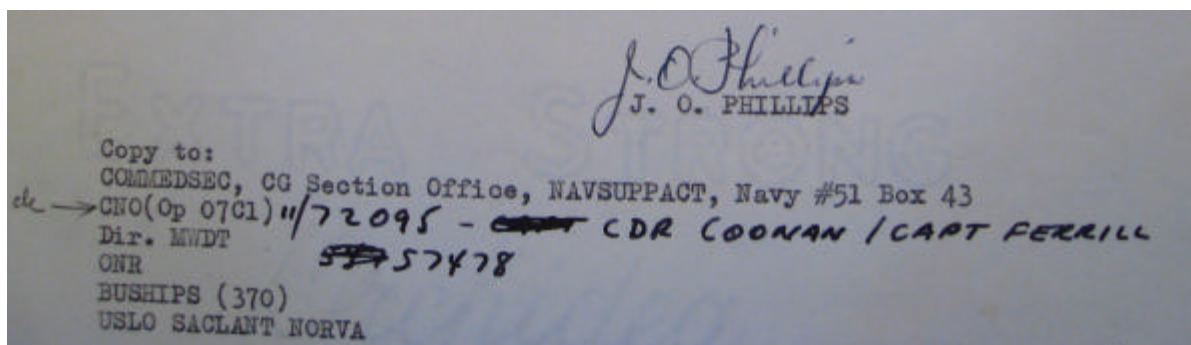
AIR MAIL

From: U.S. Navy Representative, SACLANT ASW Research Center, APO 19,
New York, N.Y.

To: Commandant (OAN), U.S. Coast Guard Headquarters, Washington
25, D.C.

Subj: LORAN-C Information

1. It is requested that information describing the current and planned coverage of the North Atlantic Ocean and the Mediterranean Sea by the LORAN-C electronic navigation system, be furnished to this command. Of particular assistance would be information concerning any marginal or blank surface areas. The Center, which is currently financed by the U.S., has initiated action through U.S. Navy channels to obtain a production set of LORAN-C. The information requested above would be of great assistance in determining the best areas for employment of the Center's research vessel when the requested equipment has been received and installed.



¹ Transcribed from original documents located in Washington DC NARA

A1/1
AUG 3, 1961

From: Commandant
To: U.S. Navy Representative, SACLANT ASW Research Center, APO 19,
New York, N.Y.

Subj: LORAN-C Information; forwarding of

Ref: (a) SACLANT ASW Research Center ltr dtd 11 August 1961, Ser: 221 (JAN/pr)

1. Enclosed LORAN-C coverage chartlet and publication on a recent Engineering Evaluation of our system will provide the information you have requested by reference (a).
2. In considering the enclosed chartlet, note that the North Atlantic LORAN-C system is fully operational, the Mediterranean system will be expended with a station at Estartit, Spain which will be operational in Fall 1961², and coverage on chartlet reflects this addition. The East Coast U.S. system is operating on an experimental basis and after anticipation changes will be fully operational about April 1961³.
3. Additional LORAN-C stations are being considered on the basis of new requirements but since none are finalized it is premature to discuss their coverage areas at this time.
4. Also enclosed are charts available at this office coverage areas you have requested. Additional copies may be obtained from the Hydrographic Office which will also publish new charts as rates are declared operational.

|s|
W. B. MILLINGTON
By direction

² Transcribers NOTE: The station was ready for operation on 1 Aug 1961 however due to the LORAN-C interference in the region the station did not become operational until Oct 1962. During this period, the station was used for testing skywave propagation.

³ Transcribers NOTE: Believe mistyped...should read 1962 for Nantucket and Jupiter stations were completed at this time(1962).

Chief, Office of Operations

OAN
A 1/2
24 Aug

Chief, Aids to Navigation Division

00291-oan

OAN Activities aboard, list and description of

Ref : (a) GCS (CAM) Memo to O dtd 23 August 1961, file A2-6/10

1. The information, pertaining to aids to navigation, required by reference (a) is outlined below.

The U.S. Coast Guard operates Long Range Aids to Navigation (LORAN) transmitting stations throughout the continental coastal United States and the North Hemisphere. These stations implement an electronic navigational aid system usable by vessels or aircraft with 99% or better reliability in coverage areas. At present two types of LORAN are in use: "A" system, a World War II development operating just above the broadcast band, each station staffed by one officer and an average of fifteen men and the "C" system, a recent low frequency development, each station staffed by one officer and about twenty-five men. Logistic and administrative support and control of chains of stations are provided by Coast Guard operated Air Detachments, Section Offices and assigned Liaison Officers.

Overseas LORAN stations with controlling activities which are Coast Guard operated are listed below. This list does not include Coast Guard built foreign or NATO manned stations nor does it include U.S. stations in Alaska, Aleutian and other offshore islands, Hawaiian Islands, Kure and Johnston Islands.

Philippine Is. LORAN-AZChain

COMPHILSEC USCG Sangley Point, R.P.
Navy 926
FPO, New York

This Section Office and Air Detachment support the Philippine Island Chain

Batan Island, R.P. Navy 961, Box 10
FPO, San Francisco, Calif.

Catanduanes, Panay Is., R.P. Navy 961, Box 11
FPO, San Francisco, Calif.

Naulo Point, Luzon, R.P. Navy 961, Box 18
FPO, San Francisco, Calif.

Talampulan Is., Busuanga, R.P. Navy 961, Box 19
FPO, San Francisco, Calif.

Tarumpitao Pt., Palawan, R.P. Navy 961, Box 20
FPO, San Francisco, Calif.

SECRET

Miyako Jima, Ryuku Island

c/o 623rd AC&W
Sgd., Det. 1,
APO 235
San Francisco, Calif.

Japanese LORAN-A Chain

COMFECSEC	USCG	Tokyo, Japan
APO 94		
San Francisco, Calif.		

This Section Office supports the Japanese Islands Chains

Matsumae, Hokkaido, Japan	APO 181, San Francisco, Calif.
Miho, Honshu, Japan	Box 200, APO 929, San Francisco, Calif.
Niigate, Honshu, Japan	APO 323, San Francisco, Calif.
Nomaike, Hyshu, Japan	Box 150, APO 929, San Francisco, Calif.
O'Shima, Honshu, Japan	APO 94, San Francisco, Calif.
Pusan, Korea	APO 59, San Francisco, Calif.
Iwo Jima, Volcano Islands	APO 815, San Francisco, Calif.
Okinawa, Ryuku Is.	APO 331, San Francisco, Caalif.

Pacific Island Stations, other than those A/C in and around the Hawaiian 7 Aleutian Islands, are also located at:

Guam, Marianas	Palau, Angaur
Wake Island	Saipan, Marianas
Kwajalein, Marshalls	Ulithi, Carolinas
Eniwetok	

and all are controlled ultimately by Commander, 14th Coast Guard District in Honolulu, Hawaii.

West Indies LORAN-A Chain

This chain is under operational control of Commander, Greater Antilles Section, San Juan, P.R. and is supported by CONUS and San Juan Air Detachment. One transmitting station in Puerto Rico is teamed with:

San Salvador, Bahamas, BWI	Navy 106 Patrick AFB, Florida
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South Caicos Is., BWI

c/o CDR 7th CG District
150 S.E. 3rd Ave.
Miami, Florida

Mediterranean Sea LORAN-C Chain

COMEDSEC USCG
c/o NAVSUPACT
Navy 150, Box 43
FPO New York, N.Y.

Naples, Italy

This Section Office and Associated Air Detachment support the Mediterranean chain.

Estartit, Spain

Simeri Crichi, Italy

Navy 566, FPO, New York

Tagabarum, Turkey

TUSLOG Det# 52
APO 380, New York

Matratin, Libya

c/o 329th Army Eng. Det (GS)
APO 231, New York

Estaca De Vares, Spain (LORAN-A)

LORAN-C Monitor Stations are maintained at:

Berumda

Navy 138, FPO, New York

Rhodes, Greece

c/o USCGC COURIER (WAGR-410)
FPO, New York

SECRET

Four LORAN-C Stations and support facilities, Philippine area.

Three LORAN A/C Station and support facilities, Caribbean area.

/s/

W. B. MILLINGTON

By direction