

U.S. COAST GUARD
UNITED STATES COAST GUARD



NOV 25 1953

OAN
OPERATIONS-SHOREUNITS
23 June 1953

ADDRESS REPLY TO:
COMMANDANT
U.S. COAST GUARD
HEADQUARTERS
WASHINGTON 25, D.C.

AIDS TO NAVIGATION MEMORANDUM NO. 5-53¹

SUBJ: Standard Loran System

1. Purpose. To transmit a list of the standard loran stations that are presently operating throughout the world and to announce the results of a Coast Guard survey to determine to what extent loran is being used by commercial marine and aviation interests, both foreign and domestic.
2. Cancellation. Aids to Navigation Memorandum No. 19-51 is canceled and superseded by this memorandum.
3. Objective. To provide an up-to-date list of all standard loran stations so that Coast Guard units are kept abreast of new developments in the standard loran system.
4. Scope.
 - a. Enclosure 1 contains a list of the standard loran stations now in operation. Included in the list are station locations, types, rates, and operating governments by chains.
 - b. Enclosure 2 contains a brief description of the loran system, a chart showing approximate daylight coverage of the loran system, and a tabulation of marine and aviation users of loran.
5. Detailed Instructions. Enclosures 1 and 2 are furnished for information and should be used freely in answering any general questions about the Standard Loran System.

/s/
R. J. MAUERMAN
By direction

Encl: (1) List of Standard Loran Stations
(2) Pamphlet entitled "The Loran System"

DIST: (SDL No. 53)
A: None
B;

¹ Transcribed from original located at NARA Washington, DC

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STANDARD LORAN SYSTEM

The following table indicates the standard loran system now in existence, and shows transmitting station location, type, rate and government operating by chain. A summary of the tabulated information follows the table.

<u>STATION LOCATION BY CHAIN</u>	<u>TYPE*</u>	<u>RATE*</u>	<u>OPERATING GOVERNMENT</u>
<u>NORTHEAST ATLANTIC</u>			
Vik, Iceland	SS	1L5	Iceland
Skovanes, Faero Island	DM	1L6	Denmark
Mangersta, Hebrides Islands	SS		Great Britain (RAF)
<u>NORTHWEST ATLANTIC</u>			
Fredericksdal, Greenland	SM	1L4	Denmark
Battle Harbor, Labrador	DS	1L3	United States (USCG)
Bonavista, Newfoundland	SM		“ “ “
<u>EAST COAST</u>			
Port Aux Basques, Newfoundland	SS	1H1	“ “ “
Deming, Nova Scotia	DM	1H2	Canada (Ministry of Transport)
Baccaro, Nova Scotia	DS	1H3	Canada (Ministry of Transport)
Nantucket, Massachusetts (1) (2)	DM, SS	1H0(1)	United States (USCG)
Sandy Hook, N.J. (1)	SM	1H4(2)	“ “ “
Cape Hatteras, N.C. (2)	DS	1H6	“ “ “
Folly Island, S. C.	DM	1H7	“ “ “
Hobe Sound, Fla.	SS		“ “ “
<u>GULF OF MEXICO</u>			
Venice, Fla.	SS	1L0	United States (USAF)
Cape San Blas, Fla.	DM	1L2	“ “ “
Biloxi, Miss.	SS		“ “ “

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<u>STATION LOCATION BY CHAIN</u>	<u>TYPE*</u>	<u>RATE*</u>	<u>OPERATING GOVERNMENT</u>
<u>WEST COAST</u>			
Pt. Arguello, Calif.	SS	2H2	United States (USCG)
Pt. Arena, Calif.	DM	2H3	“ “ “
Cape Blanco, Oregon	DS	2H4	“ “ “
Pt. Grenville, Washington	DM	2H5	“ “ “
Spring Island, British Columbia	SS		Canada (Ministry of Transport)
<u>GULF OF ALASKA</u>			
Biorca Island, Sitka, T. A.	SS	1L2	United States (USCG)
Yakutat, T. A.	DM	1L3	“ “ “
Kodiak Island, T. A.	SS		“ “ “
<u>ALEUTIAN</u>			
Unimak	SS	1L6	“ “ “
Adak Island, T. A.	DM	1L7	“ “ “
Attu, T. A.	SS		“ “ “
<u>HAWAIIAN</u>			
French Frigate Shoals, T. H.	SM	2L4	“ “ “
Kauai Island, T. H.	DS	2L5	“ “ “
Molokai Island, T. H.	DM	2L6	“ “ “
Hawaii Island, T. H.	SS		“ “ “
<u>MARSHALL</u>			
Wake Island	SS	1L0	“ “ “
Eniwetok, Marshall Islands	DM	1L1	“ “ “
Kwajalein, Marshall Islands	SS		“ “ “

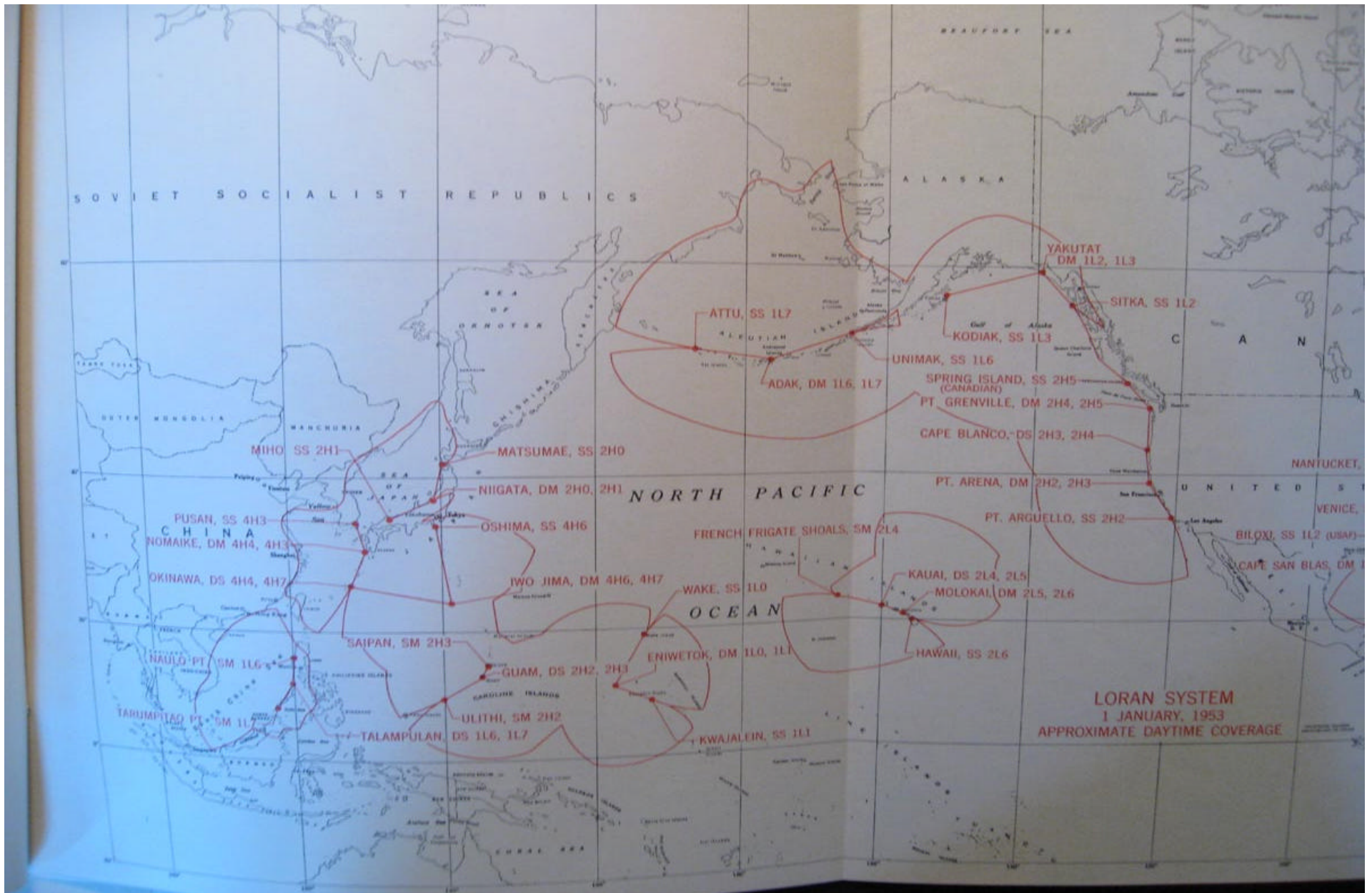
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<u>STATION LOCATION BY CHAIN</u>	<u>TYPE*</u>	<u>RATE*</u>	<u>OPERATING GOVERNMENT</u>
<u>MARIANAS</u>			
Saipan Island, Marianas	SM	2L3	United States (USCG)
Guam, Marianas	DS	2L2	“ “ “
Ulithi, Carolina Islands	SM		“ “ “
<u>WEST PHILIPPINES</u>			
Naulo Pt., Luzon, R. P.	SM	1L6	United States (USCG)
Talampulan Is., Busuanga, R. P.	DS	1L7	“ “ “
Tarumpitao Pt., Palawan, R. P.	SM		“ “ “
<u>JAPANESE</u>			
Matsumae, Hokkaido, Japan	SS	2H0	“ “ “
Niigate, Honshu, Japan	DM	2H1	“ “ “
Miho, Honshu, Japan	DS	2H2	“ “ “
Pusan, Korea	SM,SS	2H3	“ “ “
Nomaike, Kyushu, Japan	DM	2H4	“ “ “
Okinawa, Ryukus Islands	DS	2H5	“ “ “
Iwo Jima, Volcano Islands	DM	2H6	“ “ “
Oshima, Hinshu, Japan	SS		“ “ “

* DM – Double Master; DS – Double Slave; SM – Single Master; SS – Double Slave

** The three letters designating the rate indicate the frequency, basic pulse repetition rate and specific pulse repetition rate.

ENCLOSURE (2) AIDS TO NAVIGATION MEMORANDUM NO. 5-53



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