

CONFIDENTIAL SECURITY INFORMATION<sup>1</sup>

Chief, Aids to Navigation

EEE

Chief, Electronics Engineering Division

Loran Station Coordinates; verification of

Ref: (a) OAN memo of 31 July 53

1. Reference is made to enclosure (1), HYDRO letter of 23 July 1953, code 530-eg, Serial 5783, concerning a list dated 23 July 1953 of all Loran Station Coordinates. The coordinates used in the Loran Rate Engineering Data file agree with this list in all but the three cases listed below.

2. The three exceptions to the Loran Station Coordinate agreement mentioned above are:

a. SIASCONSET, NANTUCKET. The coordinates used for 1H3M are the actual coordinates of the antenna used on that rate only:

41°-14'-59.45"N; 69°-58'-21.73" W

The coordinates listed by HYDRO for 1H3M are those of the antenna used for 1H0S and 1H4M:

41°-14'-56.33"N; 69°-58'-31.46" W

b. MIYAKO JIMA, R.P. The coordinates used for 1L4M are the latest corrected coordinates in accordance with HYDRO letter of 2 July 1953, Serial 5076:

24°-43'-35.06"N; 125°-26'-14.99" E

The reference listed by HYDRO for 1H4 is HYDRO letter of 12 Feb. 1953, code 69/j1, Ser 01466, showing coordinates:

24°-43'-31.77"N; 125°-26'-15.85" E

c. NIIGATE, HONSHU. The coordinates used for 2H0M and 2H1M were corrected for the antenna being located at a place different from the proposed site, as indicated in the System Check of March 1952:

37°-54'-31.65"N; 139°-00'-36.75" E

The coordinates listed by HYDRO for 2H0M and 2H1M are those of the originally proposed antenna site:

37°-54'-30.76"N; 139°-00'-36.56" E

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<sup>1</sup> This document transcribed from the original located at NARA Washington, DC

3. This office plans to retain the coordinates as indicated in paragraph (2) above for the purpose of engineering system study; however, full cognizance of the coordinates listed by HYDRO will be indicated on each Loran Rate Engineering Data Sheet.

R. J. RYSSY

Encl (1) HYDRO ltr 23 July 1953, code 530-eg  
Serial 5783