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(c) WEATHER.

The patrol was characterized by slight seas, considerable fog and haze, and poor visibility on all but three nights. The weather was in close agreement with the predictions obtained from H.O. Publication No. 757, "Marine Geography of the Sea of Japan".

(d) TIDAL INFORMATION.

Tidal experience in Joint Zones 5 and 10 was in accord with predictions in H.O. Publication No. 757, "Marine Geography of the Sea of Japan". No unusual currents or tides were noted.

(e) NAVIGATIONAL AIDS.

During the period of the patrol in Joint Zones 5 and 10 visibility was generally too poor to permit visual observations of the terrestrial features and navigational lights. On several occasions the islands of Rebun Shima and Rishiri Shima were observed but usable navigational lights were not observed there n.

KAIBA TO was seen several times and the navigational light and searchlight were frequently observed. Generally KAIBA TO showed charted characteristics but occasional did not.

SOYA LISAKI light was observed on the night of 16 July 1954 but too faintly to permit timing.

SONI LISAKI light was observed several times showing charted characteristics.

NISHI NOTORO LISAKI searchlight was observed periodically.

Loran lines were not used. Only sky waves were received; these not reliable.

Sections of Bottom Contour charts H.O. BC 2208, 2308, 2209, and 2309 were used on the DRT in the conning tower to keep track charts and rough position. It was found that these charts were of little or no value in the western section of Joint Zone 10.

The primary means of navigation during this period of generally low visibility was SV radar piloting, for which the islands of Rebun Shima and Rishiri Shima made excellent navigational targets.

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ENCLOSURE (1)