

Formosa and Japan, Islands between, No. 2412; Port Matheson to Ragged Point, No. 1761; and Min River, No. 2400. Also, China Sea Directory, Vol. III, 1874, page 276.

NOTICE TO MARINERS.

(No. 61.)—AUSTRALIA—SOUTH COAST.
PORT PHILIP.

(1.) *Buoy with Self-acting Whistle off Barwon Head.*

THE Government of Victoria has given notice, that an automatic (or self-acting) signal-buoy has been placed off Barwon Head, west side of entrance to Port Philip.

The buoy is moored in 12-fathoms water, with Barwon Head bearing N.W., distant about 1½ miles.

Mariners are requested to report as to the working of this buoy.

NEW ZEALAND.

NORTH ISLAND—EAST COAST.
BAY OF ISLANDS.

(2.) *Harbour Light at Port Russel, Kororarika Bay.*

The New Zealand Government has given notice, that on 21st December, 1877, a harbour-light was exhibited from a lamp-post on the extremity of the Government Wharf at Port Russel, Kororarika Bay.

The light is a fixed red light, elevated 20 feet above high water, and should be visible in clear weather from a distance of about 2 miles.

NOTE.—Good anchorage will be found in Kororarika Bay with Kororarika Point, bearing north, and Port Russel Light N.E. by E. ½ E., in 4½ fathoms water.

[The bearings are magnetic. Variation, Port Phillip 8½°, Kororarika Bay 14°, Easterly in 1878.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
18th May, 1878.

This Notice affects the following Admiralty Charts:—

(1.) Bass Strait, Sheet 2, No. 1695 *b*; Bass Strait, western approach, No. 1063; and Port Phillip, No. 1171 *a*; Also, Australia Directory, Vol. I, 1876, page 268.

(2.) New Zealand Islands, No. 1212; Hokianga to Tutukaka, No. 2525; and Bay of Islands, No. 1090; Also, Admiralty List of Lights in South Africa, New Zealand, &c., 1878, page 46; and New Zealand Pilot, 1875, pages 41 and 45.

NOTICE TO MARINERS.

(No. 62.)—IRELAND.—NORTH-WEST COAST.
DONEGAL BAY.

Alteration in Rotten Island Light, Killybegs Harbour.

THE Commissioners of Irish Lights, have given notice, that on 1st June, 1878, the following alteration will be made in the light exhibited at Rotten Island, Killybegs Harbour:—

The light (fixed white) will show a red sector to cover the Bullockmore Rock and the dangers from that to St. John Point. The sector of red light will embrace an arc of about 24½°, between the bearings of N.E. ¾ N. and N.E. by E. ¾ E.

The bearings are magnetic. Variation 24½° Westerly in 1878.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
20th May, 1878.

This Notice affects the following Admiralty Charts:—

Ireland, general, No. 1824 *b*; Teelin Head to Downpatrick, No. 2440; Killybegs, Donegal, and Teelin Harbours, No. 2792; Also, Admiralty List of Lights in the British Islands, 1878, No. 490; and Sailing Directions for the Coast of Ireland, Part II, 1868, pages 167 to 169.

NOTICE TO MARINERS.

(No. 63.)—DENMARK.—JUTLAND.—THE
KATTEGAT.

(1.) *Light-Vessel and Fog Signal at Skaw Spit.*

THE Danish Government has given notice, that on 13th May, 1878, a light was exhibited from a light-vessel placed at the outer extreme of Skaw Spit.

The light is a revolving red light, giving a flash every half minute, and is elevated 31 feet above the sea.

The light-vessel, painted red with white cross, and the words Skagens Rev. on her sides, has two masts, with red globe at foremast head, and is moored N. 71° E., distant 3½ miles from Skaw (or Skagen) Lighthouse, in 20 fathoms water.

Position as given, lat. 57° 46' 0" N., long. 10° 43' 20" E.

A white riding light is also exhibited from the forestay, 6 feet above the rail.

This light-vessel, in common with other Danish light-vessels, will be kept at her station throughout the year as long as the navigation is not obstructed by ice.

Also, that during thick and foggy weather, a powerful siren trumpet, worked by a caloric engine, will give one blast every two minutes.

NORWAY—SOUTH COAST.—CHRISTIANIA FIORD.

(2.) *Red Harbour Light at Dröbak.*

The Norwegian Government has given notice, that a harbour light is exhibited from a balcony of the Custom-house at Dröbak, Christiania Fiord.

The light is a fixed red light, elevated 23 feet above the sea, and should be visible in clear weather between the bearings of N. ¼ E. (through east) and S.S.E., from a distance of 6 miles.

The illuminating apparatus is catoptric, or by reflectors of the sixth order.

Position, lat. 59° 39' 30" N., long. 10° 38' 10" E.
The light is exhibited yearly from 15th July to 31st May.

[The bearings are magnetic. Variation, the Skaw 13½° Westerly in 1878; Christiania Fiord 14½° Westerly in 1878.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
24th May, 1878.

This Notice affects the following Admiralty Charts:—

(1.) Baltic, Nos. 2262 and 2842 *a*; Skagerrak or Sleeve, No. 2289; and Kattegat, No. 2114; Also, Admiralty List of Lights in the North Sea, &c., 1878, No. 188 *a*; North Sea Pilot, Part IV, 1871, page 248; and Danish Pilot, page 31.

(2.) Baltic, Nos. 2262 and 2842 *a*; Skagerrak or Sleeve, with plan of Christiania Fiord, No.