

No. 2660 *a*; Eastern Archipelago, No. 941 *a*. Also, China Sea Directory, Vol. II. 1868, page 37.

(3.) Indian Ocean, No. 748 *b*; Eastern Archipelago, No. 941 *a*; Carimata Strait, No. 2160. Also, China Sea Directory, Vol. I, 1878, page 310.

NOTICE TO MARINERS.

(No. 115.)—WEST INDIES—CURACAO ISLAND.

(1.) *Fixed and Flashing Light on Little Curaçao Island.*

THE Netherlands Government has given notice, that on 7th June, 1879, a light was exhibited from a lighthouse recently erected on Little Curaçao Island.

The light is a fixed and flashing light, showing one flash of six seconds' duration in every minute, preceded by an interval of seven seconds' darkness.

The light is elevated 75 feet above high water, and should be visible in clear weather from a distance of 14 miles.

The illuminating apparatus in dioptric or by lenses of the fourth order.

The lighthouse is a round tower, painted white, and stands in the middle of the island between and adjoining two dwellings, each of which is two stories high, and has a red roof.

The pedestal of the lantern, under the framework, is painted blue, and the top of the lantern red.

Position as given, lat. 11° 58' 20" N., long. 68° 38' 20" W.

NOTE.—The light formerly exhibited from the old light tower, and also the auxiliary light shown from the north-west side of the new tower, were discontinued on the 7th June, 1879.

MARTINIQUE ISLAND.

(2.) *Range of Visibility of Caravelle Light.*

The French Government has given notice, that in consequence of the illuminating apparatus at Caravelle Lighthouse being out of repair, the light (fixed) can only be seen in clear weather from a distance of 12 miles.

NOTE.—It is intended to substitute a new illuminating apparatus for that now in use.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
13th August, 1879.

This Notice affects the following Admiralty Charts:—

(1.) West India Islands and Caribbean Sea, Sheet 2, No. 762; West Indies, Sheet 9, Los Roques to Cabo La Vela, No. 395. Also, Admiralty of Lights in the West India Islands and adjacent Coasts, 1879, No. 98; and West India Pilot, Vol. I, 1872, page 145.

(2.) North Atlantic Ocean, Western Part, No. 2060 *b*; West India Islands and Caribbean Sea, Sheet 2, No. 762; and Martinique Island, No. 371. Also, Admiralty List of Lights in the West India Islands and adjacent Coasts, 1879, No. 16; and the West India Pilot, Vol. II, 1876, page 52.

NOTICE TO MARINERS.

(No. 116.)—NORTH SEA—NETHERLANDS.

(1.) *Tidal Signals indicating Depth on Bar of Hook of Holland Canal.*

THE Netherlands Government has given notice, that the tidal signals established at Hook of Holland Canal, north entrance, will in future indicate the least depth of water on the bar outside the northern mole head, in direction of leading lights.

(2.) *Temporary Discontinuance of Egmond-aan-Zee Lights.*

Also, that pending an alteration in the illuminating apparatus of Egmond-aan-Zee Lights, they will be temporarily discontinued from 10th August, 1879.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
13th August, 1879.

This Notice affects the following Admiralty Charts:—

(1.) North Sea, No. 2182 *a*; Dover and Calais to Orfordness, &c., No. 140; and Mouth of the Maas, No. 122. Also North Sea Pilot, Part IV, 1878, page 155.

(2.) North Sea, No. 2182 *a*; Zuider Zee, No. 2322. Also, Admiralty List of Lights in the North Sea, 1879, No. 90; and North Sea Pilot, Part IV, 1878, page 163.

NOTICE TO MARINERS.

(No. 117.)—NEW ZEALAND.—NORTH ISLAND.
EAST COAST.

(1.) *Discontinuance of Tararu Point Light.*

THE Government of New Zealand has given notice, that after 31st May, 1879, the light (fixed red) exhibited from the outer extremity of Tararu Wharf, Thames River north entrance point, would be discontinued.

NORTH ISLAND—WEST COAST.

(2.) *Fixed Red Light at Patea River Entrance.*

Also, that on 9th June, 1879, a harbour light would be exhibited from a lighthouse erected on the eastern side of Patea River Entrance.

The light is a fixed red light of the sixth order, elevated 130 feet above high water, and should be visible in clear weather from a distance of about 5 miles.

Position, latitude 39° 46' 45" S., longitude 174° 31' 15" E.

MIDDLE ISLAND—EAST COAST.

(3.) *Danger Signals at Oamaru.*

Also, that the following danger signals are shown from a flagstaff on the cliff immediately south of the breakwater at Oamaru:—

Put to sea or keep at sea:—

By day:—Two balls horizontal on yard, on either side of mast.

By night:—Two white lights placed horizontally, with a red light between them.

NOTE.—In bad weather the green light at the extremity of the breakwater cannot be shown.

As the danger signals have at times to be made during calm weather, mariners must exercise judgment as to the practicability of proceeding to sea from the roadstead.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
14th August, 1879.

This Notice affects the following Admiralty Charts:—

(1.) New Zealand Islands, No. 1212; New Zealand, North Island, sheet 2, No. 2543; Also, Admiralty List of Lights in South Africa, Australia, &c., 1879, No. 310 *a*; and New Zealand Pilot, 1875, page 75.

(2.) New Zealand Islands, No. 1212, and Cook Strait to Cape Egmont, No. 2054; Also, Admiralty List of Lights in South Africa, Australia, &c., 1879, page 48, and New Zealand Pilot, 1875, page 134.

(3.) New Zealand Islands, No. 1212 and Ninety Miles beach to Otago, No. 2532; Also, New Zealand Pilot, 1875, page 221.