

Chart:—English Channel, No. 2675 *a*; Thames to St. Abb's Head, No. 2902 *a*; Southwold to Cromer, No. 1680; and Yarmouth and Lowestoft Roads, No. 1548; Also, the Admiralty List of Lights in the British Islands, 1874, No. 116; and and North Sea Pilot, Part III, 3rd Edition, pages 153 to 172.

NOTICE TO MARINERS.

(No. 111.)—COAST OF IRELAND.

Riding Light in Light-Vessels.

THE Commissioners of Irish Lights, Dublin, have given the following notice with reference to the several light-vessels under their jurisdiction on the coast of Ireland, namely, that on and after the 1st day of November, 1874, a white light will be exhibited from sunset to sunrise from the fore-stay of each light-vessel, at a height of 6 feet above the rail, for the purpose of showing in which direction the vessel is riding.

The Commissioners further direct attention to existing regulations respecting light-vessels out of position, viz:—

When a light-vessel is driven from her proper position to one where she is of no use as a guide to shipping, the following signals will be made, viz:—

The usual lights will not be exhibited, but a *fixed red* light will be exhibited at each end of the vessel, and a *red flare* shown *every quarter of an hour*. By day, the balls or other distinguishing mast-head marks will be struck.

Also, that if from any cause the light vessel be unable to exhibit her usual lights whilst at her station, the riding light only will be shown.

Note.—The firing special rockets of an explosive character from a light vessel will denote the need of assistance from the shore.

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
18th August, 1874.

This Notice will affect the Admiralty List of Lights on the Irish Coast, and the Sailing Directions having descriptions of light-vessels under the jurisdiction of the Commissioners of Irish Lights, Dublin.

NOTICE TO MARINERS.

(No. 112.)—MEDITERRANEAN—KARAMANIA.

Shoal off Kalamaki Bay.

INFORMATION has been received from Her Majesty's Vice-Consul at Rhodes of the existence of a danger near the eastern entrance point of Kalamaki Bay, which was reported to have been found by Mr. J. Roberts, Master of the steam ship "Jura."

This danger (*Jura Shoal*) extends about 30 feet in a N.N.E. and S.S.W. direction, with $2\frac{1}{2}$ fathoms over it.

It lies about a quarter of a mile S.S.W. from the eastern entrance point, Kalamaki Bay.

Position, lat. $36^{\circ} 12' 15''$ N., long. $29^{\circ} 26' 10''$ E.

[All bearings are magnetic. Variation $5^{\circ} 30'$ Westerly in 1874.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
18th August, 1874.

This Notice affects the following Admiralty Chart:—Karamania, Sheet 1, No. 236.

NOTICE TO MARINERS.

(No. 113.)—MEDITERRANEAN—SALONIKI BAY.

Shoal Bank off Cape Kara.

WITH reference to Notice to Mariners, No. 90, dated 8th day of July, 1874, relating to the existence of a shoal off Cape Kara, on which the steam ship *Vespasian* grounded on 3rd day of June, 1874:—

The following further particulars have been received from Vice-Admiral the Honourable Sir James R. Drummond, K.C.B., Commander-in-Chief in the Mediterranean, being the result of an examination made by H.M.S. *Cruiser* on 25th June, 1874, viz:—

The shoal (*Vespasian Shoal*) was found to be about 40 feet long, and 15 feet in breadth, in a north and south direction, to be composed of sand and loose stones, and to have a depth of 14 feet on it, with from 20 to 24 feet outside, and 17 feet between the shoal and the shore.

From the shoal, Cape Kara Lighthouse bears N.E. $\frac{1}{4}$ E., distant about 6 cables, and Touzla Point S. $\frac{1}{4}$ E.

Caution.—Vessels entering or leaving Saloniki Bay should not round Cape Kara or approach the coast between that cape and Touzla Point within one mile or stand into less than 10 fathoms water.

[All Bearings are magnetic. Variation $7\frac{1}{2}$ Westerly in 1874.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
19th August, 1874.

This Notice affects the following Admiralty Charts:—Grecian Archipelago, No. 2836*b*, and Saloniki Bay, No. 2070.

NOTICE TO MARINERS.

(No. 114.)—SOUTH AMERICA—SOUTH-EAST

COAST.—ENTRANCE TO RIO DE LA PLATA.

New Light on Cape Santa Maria.

INFORMATION is derived through a Notice issued by the French Hydrographic Department, dated 13th August, 1874, of the exhibition of a new light on the 15th July, 1874, in a lighthouse recently constructed upon Cape Santa Maria, north side of the entrance to the Rio de la Plata.

The light is a *revolving white* light, attaining its greatest brilliancy once in *every minute*, elevated 132 feet above high water, and in clear weather should be seen from a distance of 18 miles.

The illuminating apparatus is dioptric or with lenses of the first order.

The lighthouse is a round tower of masonry, 125 feet high. Position, lat. $34^{\circ} 40' 30''$ S., long. $54^{\circ} 9' W$.

[Variation 8° Easterly in 1874.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
21st August, 1874.

This Notice affects the following Admiralty Charts:—South Atlantic Ocean, Western Portion, No. 2202*b*; Santa Catherine to Plate River, No. 2522. Also, the Admiralty List of Lights in South America, 1874, No. 48; and South America Pilot, Part I, Second Edition, page 177.

NOTICE TO MARINERS.

(No. 115.)—CANADA—NEW BRUNSWICK—BAY OF FUNDY.

Establishment of a Fog Whistle on Grand Manan Island.

THE Government of the Dominion of Canada has given notice, that from the 1st day of July,