

## FRANCE.—WEST COAST.

## Buoys and Beacons, St Malo.

The French Government has given Notice that the following beacons and buoys have been established in the vicinity of St Malo, viz. :—

Rochefort.—A tower of masonry, the top of which is 13 feet above high water, has been erected on Rochefort Rock; it is painted in *horizontal bands of black and red*, and is surmounted by a ball.

Buron.—A tower of masonry, the top of which is 4 feet above high water, has been erected on Buron Rock; it is painted *red*, and is surmounted by a ball.

Pierres des Portes.—A tower is in the course of erection on the Pierres des Portes; its height at present is 16 feet above the rock, and 18 feet above high water.

Boujaron.—A tower is in the course of erection on Boujaron Rock; its height at present is 6 feet above the rock.

Bouton.—A *black and red* buoy has been placed on Bouton Rock.

Couillons de la Porte.—A *black* buoy on the Couillons de la Porte.

La Basse du Boujaron.—A *red* buoy on La Basse du Boujaron.

## GIRONDE RIVER.

## Alteration in Pointe de Grave Light.

Also that the following alteration has been made in the light on Pointe de Grave, Gironde River, viz. :—

The flashing light is visible throughout the whole extent of the sea horizon.

[All bearings are magnetic. Variation 17° Westerly in 1870.]

By Command of their Lordships,

GEO. HENRY RICHARDS, Hydrographer.

Hydrographic Office, Admiralty, London,  
11th April 1870.

This Notice affects the following Admiralty Charts :—Elbe and Jade River Entrances, &c., Nos. 1875 and 2593; Helgoland Bight, No. 1887; and St Malo, No. 2700; also French Lights List, No. 237.

## NOTICE TO MARINERS.

(No. 39.)—UNITED STATES.—MASSACHUSETTS.

## Alteration in Tarpaulin Cove Light.

The United States Government has given Notice that, from the 9th day of April 1870, the following alteration would take place in the light at Tarpaulin Cove, Vineyard Sound, viz. :—

The fixed light would be changed to a *fixed and flashing* light, showing a flash every thirty seconds.

## NEW BRUNSWICK.—BAY OF FUNDY.

## Lighthouse on Machias Islands.

The Canadian Government has given Notice that a new lighthouse has been erected to replace the Eastern Lighthouse on Machias Islands.

The new lighthouse is 58 feet high, octagonal in shape, and painted white; is 57 yards from the Western Lighthouse, on the same bearing as before.

The illuminating apparatus is dioptric or by lenses of the third order.

## WEST INDIES.—HONDURAS.

## Alteration in Position of Light at Belize.

Information has been received that the light which was exhibited from Fort George is now hoisted on the flagstaff at the Custom House.

Also that the shoal off Robinson point now extends nearly half a mile to the northward of the point.

By Command of their Lordships,

GEO. HENRY RICHARDS, Hydrographer.

Hydrographic Office, Admiralty, London,  
12th April 1870.

This Notice affects the following Admiralty Charts :—Halifax to Delaware, No. 2670; Bay of Fundy to Long Island, No. 2492; Nantucket Shoals to Block Island, No. 2890; Bay of Fundy, No. 352; Grand Manan Island, &c., No. 2539; and Belize Harbour, No. 522. Also United States Light List, No. 88; New Brunswick Lights List, No. 224; and West India Lights List, No. 106.

## NOTICE TO MARINERS.

(No. 40.)—BRAZIL.—NORTH COAST.

## Replacement of Light Vessel, Entrance of Pará River.

With reference to Notice to Mariners, No. 20, dated 11th February 1870, respecting the temporary removal of the light vessel stationed on the edge of the Braganza Bank, entrance of Pará River :

The Provincial Government of Pará has given Notice that the light vessel has been replaced in her former position.

## Island at the Entrance of Pará River.

Information has been received that an island, about two miles in circumference, has grown on the Coroa Gaivotas Bank, east side of the entrance of Pará River. The island is covered with trees.

## Shoal Patch, Entrance of Pará River.

Also that the 3½ fathoms patch, lying N.E. by N. from the Braganza Bank light vessel, extends a considerable distance, and care must be observed in navigating near it.

## Temporary Light at Ceara.

Also, that a light is now exhibited from a provisional lighthouse which has been erected on Point Mocuripe, Ceara, in place of the one destroyed by fire.

The light is a *fixed* white light, and in clear weather should be seen from a distance of five miles.

## Shoal near Maranham.

Also of the existence of a shoal to the north-east of Cabello da Velha Bay, in lat. 1° 33' S., long. 44° 35' W., and on which the steam vessel *Ambrose* struck.

By Command of their Lordships,

GEO. HENRY RICHARDS, Hydrographer.

Hydrographic Office, Admiralty, London,  
16th April 1870.

This Notice affects the following Admiralty Charts :—River Pará, No. 2186; Maranham to Pernambuco, No. 528; Ceara Bay, No. 537; and Cabo do Norte to Maranham, No. 1803; also South America Lights List, No. 18.