

eastward of Cerberus Shoal or Middle Ground, eastern entrance to Long Island Sound :—

The buoy, painted in horizontal stripes, and giving blasts of a whistle at short intervals, is moored in seven fathoms water, with the following bearings, viz. :—

Watch Hill Lighthouse, N.E. $\frac{5}{8}$ N.

Montauk Lighthouse, S.S.E. $\frac{3}{8}$ E.

Gardiner Island Lighthouse, W. $\frac{1}{4}$ S.

Race Rock Lighthouse, N.W. $\frac{3}{4}$ N.

VIRGINIA.

(2.) *Winter Quarter Shoal Light-Vessel—
Alteration in Colour of Light.*

Also, that on 1st July, 1881, the following alteration will be made in the colour of the light exhibited from Winter Quarter Shoal Light-Vessel, Coast of Virginia :—

The light will be a fixed red light, instead of fixed white as at present,

GULF OF MEXICO—LOUISIANA.

(3.) *Light-Vessel with Fog Signal Northward of
Trinity Shoal.*

Also, that on or about 1st June, 1881, a light-vessel will be placed off the Coast of Louisiana, $1\frac{1}{2}$ miles northward of Trinity Shoal, and three miles inside its western extremity :—

The light, shown from the foremast head, will be a fixed white light, elevated about 40 feet above the sea, and should be visible in clear weather from a distance of about eleven miles.

The light-vessel, schooner rigged and painted red, with the words Trinity Shoal on her sides in large white letters, and No. 43 on the stern, will be moored in $3\frac{1}{2}$ fathoms water, with the following bearings and distances, viz. :—

South-west Reef Lighthouse, N.E. by E. $\frac{3}{4}$ E., distant 42 miles.

Ship Shoal Lighthouse, E. $\frac{3}{4}$ S., distant 63 miles.

Calcasieu Lighthouse, W.N.W., distant 64 miles.

Position approximate as given, lat $29^{\circ} 12' 0''$ N., long. $92^{\circ} 14' 0''$ W.

The light-vessel serves as a guide through the channel between Tiger and Trinity Shoals and to mark the latter shoal. Circular frame day-marks painted red will be carried at each mast head.

Also, that a fog signal will be established on board the light-vessel.

The signal will be a 12-inch steam whistle, which during thick or foggy weather will give blasts of four seconds duration every minute.

[The bearings are magnetic. Variation, Cerberus Shoal $9\frac{1}{2}^{\circ}$ Westerly in 1881, Trinity Shoal 8° Easterly in 1881.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,

17th May, 1881.

This Notice affects the following Admiralty Charts :—

(1.) Halifax to Delaware River, No. 2670 ; Block Island to Great Egg Harbour, No. 2480 ; Long Island Sound, Eastern Part, No. 2754. Also Sailing Directions for the principal ports of the United States, 1874, page 45.

(2.) Great Egg Harbour to Albemarle Sound, No. 266. Also Admiralty List of Lights in the United States, 1881, No. 196a ; and Sailing Directions for the principal ports of the United States, 1874, page 74.

(3.) Gulf of Mexico, No. 392 ; Louisiana and Texas Coasts, No. 1639. Also, Admiralty List of Lights in the United States, 1881, page 46 ; List of Lights in the West India Islands and adjacent coasts, 1881, page 16 ; and West India Pilot, Vol. I, 1872, page 414.

NOTICE TO MARINERS.

(No. 79.)—AFRICA—WEST COAST.

ST. PAUL DE LOANDO HARBOUR.

(1.) *Particulars of Cape Lagosta Light.*

WITH reference to Notice to Mariners, No. 207, of 11th November, 1880, on the exhibition of a light on Cape Lagosta, St. Paul de Loando Harbour :—

The Portuguese Government has published the following additional particulars :—

The light (fixed with flashes every two minutes) is elevated 210 feet above high water, and should be visible in clear weather from a distance of 24 miles.

The illuminating apparatus is dioptric, or by lenses.

Position on Admiralty plan approximate, lat. $8^{\circ} 45\frac{1}{2}'$ S., long. $13^{\circ} 17\frac{1}{2}'$ E.

(2.) *Position of Beacon.*

With reference to Notice to Mariners, No. 177 (3), of 22nd September, 1880, on the erection of a beacon north-eastward of the farm of Boa Vista, St. Paul de Loando Harbour :—

The following further information has been received :—

The beacon is situated about 600 yards N.E. by E. of the Quinta, and when kept in line with the centre of Fort San Pedro bearing S. by E. $\frac{1}{4}$ E. leads about 4 cables westward of Loando Reef light-vessel, and about one cable clear of the north-east edge of Loando Reef.

Vessels entering the harbour with these leading marks in line, may haul up for the anchorage when Fort San Miguel is seen well open of the north-east point of Loando Island.

[The bearing is magnetic. Variation 20° Westerly in 1881.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,

17th May, 1881.

This Notice affects the following Admiralty Charts :—Anno Bom to Hollams Island, No. 595 ; Banda Point to St. Paul de Loando, No. 604 ; St. Paul de Loando Harbour, No. 626. Also Admiralty List of Lights on the West, South, and South-east Coasts of Africa, 1881, No. 29 ; and Africa Pilot, Part II, 1875, pages 116-120.

NOTICE TO MARINERS.

(No. 80.)—CANADA—PRINCE EDWARD ISLAND.

SOUTH COAST—CHARLOTTETOWN.

(1.) *Fixed Light on St. Peter Island.*

THE Government of the Dominion of Canada has given notice, that on the opening of navigation in 1881, a light would be exhibited from a lighthouse erected on the western point of St. Peter Island, west side of entrance to Charlottetown Harbour, Hilsborough Bay.

The light will be a fixed white light, elevated 46 feet above high water, and should be visible in clear weather from a distance of 12 miles.

The illuminating apparatus will be catoptric, or by reflectors.

The lighthouse, 38 feet high, is constructed of wood, square in shape and white in colour.

Position, lat. $46^{\circ} 7' 10''$ N., long. $63^{\circ} 11' 40''$ W.

NORTH-EAST COAST.

(2.) *Tignish River Entrance—Leading Lights discontinued, Fixed Light exhibited.*

Also, with reference to Notice to Mariners, No. 144 (2), of 22nd October, 1877, on the establishment of two leading lights at Big Tignish River Entrance :—

Further notice has been given that the leading lights have been discontinued ; and that in lieu