

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

The tower, 36 feet high, is square in form, rises from the centre of the keeper's dwelling, and is painted white. Position, lat. $44^{\circ} 21' 15''$ N., long. $68^{\circ} 8' W$.

In thick or foggy weather a bell will be sounded, thus:—Alternately, at intervals of thirty seconds, one blow, and two blows.

FLORIDA—AMELIA ISLAND.

(3.) Alteration in Colour of the Front Beacon, South Range.

Also, that in the month of November, 1875, the Front Beacon of the South Range, Amelia Island, will be painted black, instead of brown and white, as at present.

TEXAS.

(4.) Temporary Removal of Galveston Light-Vessel.

Also, that the Galveston Light-vessel parted her moorings on the 16th September last, and that she will undergo repairs before resuming her station.

Due notice of her re-establishment will be given.

[All bearings are magnetic. Variation $15\frac{1}{2}^{\circ}$ Westerly in 1875.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
17th November, 1875.

This Notice affects the following Admiralty Charts:—

(1.) and (2.) Halifax to Delaware, No. 2670; and Bay of Fundy to Long Island, No. 2492: Also, Admiralty List of Lights in the United States of America, 1875, page 4; and Sailing Directions for South-east Coast of Nova Scotia and Bay of Fundy, 2nd Edition, pages 229 and 232.

(3.) Admiralty List of Lights in the United States of America, 1875 No. 297; and Sailing Directions for the Principal Ports on the East Coasts of the United States of America, 2nd Edition, page 106.

(4.) Temporarily affects the following Admiralty Charts:—Louisiana and Texas Coasts, No. 1639; and Galveston Bay, No. 2831: Also, Admiralty List of Lights in the United States of America, 1875, No. 352.

NOTICE TO MARINERS.

(No. 165.)—NORTH ATLANTIC—COAST OF PORTUGAL.

Cape Roca Light.

INFORMATION has been received from the Portuguese Government, that the red flash of the revolving light at Cape Roca has for some time been discontinued, and that the light shows a bright flash every minute and three quarters.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
17th November, 1875.

This Notice affects the Admiralty List of Lights on the North and West Coasts of France, Spain, and Portugal, &c., 1875, No. 325; and Sailing Directions for the West Coasts of France, Spain, and Portugal, 2nd Edition, page 260.

NOTICE TO MARINERS.

(No. 166.)—NORTH AMERICA, WEST COAST—SAN FRANCISCO HARBOUR.

Fixed Light on Yerba Buena Island.

THE United States Government has given notice, that from the 1st October, 1875, a light would be exhibited from a lighthouse recently erected on the south-east point of Yerba Buena Island, San Francisco Harbour.

The light is a fixed white light, elevated 93 feet above the level of high water, and in clear weather should be seen from a distance of 15 miles.

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

The lighthouse, 21 feet high, is built of wood, hexagonal in shape, and painted light brown. Position, lat. $37^{\circ} 48' 15''$ N., long. $122^{\circ} 21' 45''$ W.

Also, with reference to Notice to Mariners No. 3, dated 7th January, 1875, on the establishment of a fog bell on the south-east end of Yerba Buena:—

In thick or foggy weather a steam fog whistle will be sounded for four seconds at intervals of sixteen seconds. When fogs set in very suddenly a bell will be rung at intervals of ten seconds, until the steam is up to work the whistle.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
17th November, 1875.

This Notice affects the following Admiralty Charts:—Cook River to California, No. 2461; Diego Bay to Cape Mendocino, No. 2530; and San Francisco Harbour, No. 591; Also, Admiralty Lists of Lights in South America, Western Coast of North America, &c., 1875, page 12.

NOTICE TO MARINERS.

(No. 167.)—INDIA—WEST COAST—KATTYWAR.

Fixed Light at Dwarka.

THE Government of India has given notice, that a light is exhibited from a lighthouse at Dwarka Point, Kattywar Coast.

The light is a fixed white light, elevated 70 feet above the level of high water, and in clear weather should be seen from a distance of 10 miles.

The lighthouse, 40 feet high, is a square stone building, situated 117 yards within the high-water line. Position, lat. $22^{\circ} 14' N$., long. $68^{\circ} 57' E$.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
17th November, 1875.

This Notice affects the following Admiralty Charts:—Sind and Kutch Coast, No. 42; Gulf of Kutch, No. 43; Kutch Gulf to Viziadroog, No. 2736; and Indian Ocean, No. 748 b: Also, Admiralty List of Lights in South Africa, East India, &c., 1875, page 8; and West Coast of Hindostan Pilot, page 194.

NOTICE TO MARINERS.

(No. 168.)—CHINA, EAST COAST—SAN-MUN BAY.

(1.) Position of Heroine Rock.

WITH reference to the several positions hitherto assigned to the sunken Heroine Rock, at the entrance to San-Mun Bay, east coast of China;

The following particulars by Commander E. O. Matthews, United States ship *Ashuelot*, have