

that a light is now exhibited from a flagstaff near Batticaloa River entrance.

The light is a fixed white light, elevated 50 feet above the sea.

Position, approximate, lat. $7^{\circ} 43' 50''$ N., long. $81^{\circ} 41' 20''$ E.

NOTE.—This light will be exhibited until further notice, from 15th February to 31st October, the period during which Batticaloa River entrance is open.

BAY OF BENGAL—HOOGHLY RIVER.

(2.) *Fog Signals and Distinguishing Marks at Light-Vessels.*

Also, that on 1st October, 1878, fog-signals will be established at the undermentioned light-vessels:—

At Lower Gaspar Light-Vessel.—During thick and foggy weather, a gun will be fired every half hour (at the hour and half hour).

At Upper Gaspar Light-Vessel.—During thick and foggy weather, a gun will be fired every half hour (at the first and third quarters of the hour).

Distinguishing Marks.

Also, that from 1st October, 1878, Mutlah Light-Vessel will carry a globe, painted red with white horizontal band, at the mast-head.

Pilot Ridge Light-Vessel will carry a globe, painted white with black horizontal band, at the mast-head.

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

Hydrographic Office, Admiralty, London,
18th July, 1878.

This Notice affects the following Admiralty Charts:—

(1.) Indian Ocean, No. 748 *b*; Bengal Bay, No. 70 *a*; Cape Comorin to Coconada, No. 828; Singane River to Pedro Point, with Plan of Batticaloa Road, No. 2031: Also, Admiralty List of Lights in South Africa, Ceylon, &c., 1878, page 12.

(2.) Bengal Bay, No. 70 *a*; Palmyra Point to Chittagong, No. 1681; Soonderbuns Sea Face, No. 138 *a*; Also, Admiralty List of Lights in South Africa, East Indies, &c., 1878, Nos. 84, 86, 86 *a*, and 89.

NOTICE TO MARINERS.

(No. 97.)—MEDITERRANEAN.

FRANCE—SOUTH COAST.—TOULON OUTER ROAD.

Light-Vessel near Works in Progress.

THE French Government has given notice, that lights will be exhibited from light-vessels temporarily placed near the extremities of three piers in course of construction in Toulon Outer Road:—

1. A light is now exhibited from a light-vessel placed near the extremity of a pier in course of construction extending from the coast eastward of Grosse Tour, and with Grosse Tour bearing N. by E., distant about $2\frac{1}{2}$ cables.

The light is a fixed green light, elevated 33 feet above the sea, and should be visible in clear weather from a distance of one mile.

NOTE.—This light-vessel will be shifted outward as the works progress, and be finally maintained in position at the southern extremity, until the pier is completed.

Grosse Tour Pier will extend 1700 yards from the coast in a S.S.W. direction, and will be inter-

sected at the distance of 160 yards from the shore by a pass about three-quarters of a cable in width, with a depth of $9\frac{1}{2}$ feet. This channel will be marked on each side by a beacon with black and white globe.

2. With reference to Notice to Mariners, No. 87, of 4th July, 1878, on the establishment of a light-vessel near the extremity of St. Mandrier Pier:—

The light-vessel (showing a fixed red light) is moored in the position of the conical black buoy, with the centre of St. Mandrier Circular Battery bearing about S. $\frac{1}{2}$ E., distant 2 cables.

St. Mandrier Pier will extend 380 yards from the shore in a N. $\frac{1}{2}$ W. direction.

3. When Vieille Pier is commenced, a light will be exhibited from a light-vessel placed near its intended extremity, with Vieille Point bearing S.W. $\frac{1}{2}$ W., distant three-quarters of a cable.

The light will be a fixed red light, elevated 38 feet above the sea, and should be visible in clear weather from a distance of one mile.

Vieille Pier will extend 160 yards from the shore in a N.E. $\frac{1}{2}$ E. direction.

NOTE.—Vessels entering Toulon Harbour should keep the green light on the starboard hand, the red lights on the port hand.

[The bearings are magnetic. Variation 15° Westerly in 1878.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
18th July, 1878.

This Notice affects the following Admiralty Charts:—Marseille to Hyeres, No. 2607; Toulon Harbour, No. 151. Also Admiralty List of Lights in the Mediterranean, 1878, page 16: and Mediterranean Pilot, Vol. II, pages 45 to 49.

NOTICE TO MARINERS.

(No. 98.)—ADRIATIC.—PORT MALAMOCCO.

(1.) *Alterations in Spignon Channel Light.*

THE Italian Government has given notice, that on 1st July, 1878, the following alterations would be made in the light exhibited on the south side of Spignon Channel Entrance, Port Malamocco.

The light (fixed green) is exhibited from an iron framework in the north-east part of the building, elevated 38 feet above high water, and should be visible in clear weather through an arc of 300° , or from the bearing of East to that of S. 30° E., from a distance of about 7 miles.

The illuminating apparatus is catadioptric, or by reflectors and lenses.

BLACK SEA—EAST COAST.

(2.) *Regulations for the approach to Soujak Bay.*

Information has been received from Her Majesty's Ambassador at St. Petersburg of the Russian Government having given notice, that in consequence of torpedoes being laid down in Soujak (Novorossiskoi) Bay, the following regulations must be observed.

Vessels bound to Soujak Bay in fine weather, must heave to off Cape Penai, and wait for a pilot, who will conduct them to the anchorage.

Should the state of the weather prevent a pilot boarding the vessel, a course may be shaped from Cape Penai towards Miskak Point, and having approached the western shore of Soujak Bay, within the distance of about one mile, the town