

page 447; and Sailing Directions for the West Coast of France, Spain, and Portugal, 2nd Edition, page 17.

NOTICE TO MARINERS.

(No. 53.)—ENGLAND—WEST COAST—
LIVERPOOL BAY.

Fog Signals for the Bar and Crosby Light Vessels.

The Dock Office, Liverpool, has given notice that from the 1st May, 1874, the following fog signals will be established at the Bar and the Crosby light-vessels.

Powerful horns, worked by steam, will distinguish these light-vessels, and in thick or foggy weather they will be sounded regularly *three times a minute*. The sound will usually be heard from a distance of 3 or 4 miles, varying more or less with the different conditions of weather.

NOTE.—In the event of a fog coming on so suddenly as to prevent the steam fog horns from being used immediately, the ordinary bell, as hitherto, will be sounded until the fog horn is in readiness.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
30th April, 1874.

This Notice affects the following Admiralty Charts:—Lynus Point to Abergele, No. 1170; Irish Channel, No. 1825 *b*; and Liverpool Bay, Nos. 1169 and 1951; The Admiralty Lights List in the British Islands, 1874, No. 350 *a* and 352; and Sailing Directions for the West Coast of England, page 130.

NOTICE TO MARINERS.

(No. 54.)—UNITED STATES—LAKE HURON—
MICHIGAN.

Flashing Light on Spectacle Reef.

THE United States Government has given notice, that from the 1st day of June, 1874, a permanent light will be exhibited from a tower erected on Spectacle Reef, Lake Huron, and replacing the temporary light now exhibited.

The light is a *flashing* light, showing alternate *red* and *white* flashes at intervals of *thirty seconds*; it is elevated .86 feet above the level of the lake, and should be seen from a distance of 15 miles.

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

The tower is built of light gray stone. A square wooden pier, 12 feet above the water, surrounds the tower. Position, lat. 45° 46' N., long. 27° 7' 30" W.

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
30th April, 1874.

This Notice affects the following Admiralty Charts:—Lake Huron, No. 519, and Markinac Strait, No. 334.

NOTICE TO MARINERS.

(No. 55.)—SPAIN—STRAIT OF GIBRALTAR.

Fixed Green Light on Carnero Point.

THE Spanish Government has given notice, that from the 1st May, 1874, a light would be exhibited from a tower recently erected on Carnero

Point, western point of the entrance of Gibraltar Bay.

The light is a *fixed green* light, visible between the bearings S. $\frac{3}{4}$ W., through west and north, to N.E. by E. $\frac{1}{2}$ E.; it is elevated 135 feet above the level of high water, and in clear weather should be seen from a distance of 11 miles.

The illuminating apparatus is of the fifth order.

The tower, 163 feet high, is round and of yellow colour, and is attached to the keeper's dwelling; it stands 93 yards west, and 41 yards north of high-water mark. Position, lat. 36° 4' 30" N., long. 5° 25' 45" W.

[All bearings are magnetic. Variation, 18 $\frac{1}{4}$ ° Westerly in 1874.]

By command of their Lordships,
Fredk. J. Evans, Hydrographer.
Hydrographic Office, Admiralty, London,
1st May, 1874.

This Notice affects the following Admiralty Charts:—British Islands to the Mediterranean, No. 1; Mediterranean, Nos. 2158 and 2718 *a*; Gibraltar to Zafarin Islands, No. 2717; Strait of Gibraltar, No. 142; Pearl Rock, No. 1448; Cape St. Vincent to Strait of Gibraltar, No. 92, and Gibraltar to Alicante, No. 1186; Also, the Admiralty List of Lights in the Mediterranean, Black and Azof Seas, and Gulf of Suez, 1874, No. 8, and Lights on the North and West Coasts of France, Spain, and Portugal, 1874, No. 348; Sailing Directions for the West Coast of France, Spain, and Portugal, 2nd Edition, page 300, and Mediterranean Pilot, Vol. I, page 40.

NOTICE TO MARINERS.

(No. 56.)—UNITED STATES—MARYLAND—
CHESAPEAKE BAY.

(1.) *Discontinuance of North Point Range Lights.*

THE United States Government has given notice, that from the 1st June, 1874, the range lights on North Point, north side of the entrance to Baltimore Harbour, will be discontinued, but the towers will remain as day beacons to lead up the old main ship channel.

VIRGINIA—RAPPAHANNOCK RIVER.

(2.) *Fog Signal at Stingray Point Lighthouse.*

Also, that a fog bell, struck by machinery, has been established at Stingray Point Lighthouse, south side of the entrance of Rappahannock River.

In thick or foggy weather the bell will be sounded at alternate intervals of *five seconds* and *sixty seconds*.

N.B.—This fog bell must not be mistaken for that at Windmill Point which is struck at intervals of ten seconds.

By command of their Lordships,
Fredk. J. Evans, Hydrographer,
Hydrographic Office, Admiralty, London,
4th May, 1874.

This Notice affects the following Admiralty Charts:—

(1.) Chesapeake River, Nos. 2843 *f* and 355 *b*; Great Egg Harbour to Albemarle Sound, No. 266; and Halifax to Delaware, No. 2670. Also, the Admiralty List of Lights in the United States of America, 1874, No. 230.

(2.) Great Egg Harbour to Albemarle Sound, No. 256; and Chesapeake River, Nos. 2843 *b*, and 355 *a*. Also, the Admiralty List of Lights in the United States of America, 1874, No. 214.