

weather should be seen from a distance of 17 miles.

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

The tower, 140 feet high, is built of brick; conical in form, and will be painted black. Position (approximate) lat. $30^{\circ} 11' 20''$ N., long. $88^{\circ} 2' W.$

Directions.—Being off the bar in 9 fathoms, bring Sand Island Lighthouse to bear N.N.W. $\frac{1}{2}$ W., and steer on this course until over the bar and in $4\frac{1}{2}$ fathoms water, then steer N. by W. $\frac{1}{4}$ W. until Sand Island bears West, passing midway between the island and Revenue Point shoal; the course from thence is N. $\frac{1}{4}$ E., passing Mobile Point at a distance of one-third of a mile until Mobile Point Lighthouse bears S.E. $\frac{1}{4}$ S., then steer N.W. $\frac{1}{2}$ N. between the West Bank and the Middle Ground, when the course is N. by W. $\frac{3}{4}$ W., 2 to 4 miles to the anchorage in Lower Fleet.

FLORIDA STRAIT.

(2.) *Beacon on Rebecca Shoal.*

Also, that an iron beacon, surmounted by a cylindrical cage, and painted black, has been erected on Rebecca Shoal, Florida Strait; in clear weather it should be seen from a distance of about 7 miles.

NEW JERSEY.

(3.) *Fog Bell at Bergen Point Lighthouse.*

Also, that a large fog bell, struck by machinery, has been placed at Bergen Point Lighthouse, entrance to Newark Bay, which in thick or foggy weather will be sounded at intervals of *fifteen seconds.*

[All bearings are magnetic. Variation $6\frac{1}{2}^{\circ}$ in 1873.]

By command of their Lordships,
Geo. Henry Richards, Hydrographer.
Hydrographic Office, Admiralty, London,
19th June, 1873.

This Notice affects the following Admiralty Charts:—

(1.) Mississippi Sound and Mobile Bay, No. 2853; Mobile Bay, No. 2,344; and West Indies General, No. 392 *d*; also, United States Lights List, No. 319.

(2.) West Indies, Nos. 392 *d* and 1217; and Tortugas and Florida Cays, No. 525 *a*.

(3.) Halifax to Delaware, No. 2670; Block Island to Great Egg Island Harbour, No. 2480; and New York Harbour, No. 2491.

NOTICE TO MARINERS.

(No. 58.)—BORNEO—RIVER SARAWAK.

Fixed Light on Po Point.

INFORMATION has been received that a light is now exhibited from a lighthouse recently erected on Po Point, Moratabas entrance of River Sarawak.

The light is a *fixed white* light, elevated about 490 feet above the level of the sea, and in clear weather should be seen from a distance of 14 miles.

The tower is painted light yellow, and is situated on the summit of the point. Position, lat. $1^{\circ} 43' 50''$ N., long. $110^{\circ} 30' 30''$ E.

By command of their Lordships,
Geo. Henry Richards, Hydrographer.
Hydrographic Office, Admiralty, London,
19th June, 1873.

This Notice affects the following Admiralty Charts:—China Sea, No. 2662*a*; Chusan Island

to Sharks' Bay, No. 2463; Sarawak River to Cape Sirik, No. 2106; Api Point to Sarawak River, No. 1746; and Sarawak River, No. 1822: Also, China Sea Directory, Vol. II, page 105.

NOTICE TO MARINERS.

(No. 59.)—UNITED STATES—MASSACHUSETTS.

(1) *Leading Lights at Newbury Port.*

THE United States Government has given notice, that from the 1st June, 1873, the following leading lights would be exhibited at Newbury Port.

A *fixed red* light elevated 25 feet above the sea, near the east corner of Bailey's new wharf, and a *fixed red* light 116 yards W. $\frac{1}{2}$ S. from the first-named light, elevated 37 feet above the sea.

Directions.—After entering the harbour and passing the Black Rocks Beacon, these lights will be brought in line bearing W. $\frac{1}{4}$ S., which course will lead between the North and South Beacons.

CANADA—LAKE ONTARIO.

(2) *Fog Signal, Simcoe Island.*

The Government of the Dominion of Canada has given notice, that a fog bell has been established near Simcoe Island Lighthouse, Lake Ontario.

In thick or foggy weather or snow storms, the bell will be sounded *four times in each minute*, and will probably be heard from a distance of 4 miles.

[All bearings are magnetic. Variation 11° westerly in 1873.]

By command of their Lordships,
Geo. Henry Richards, Hydrographer,
Hydrographic Office, Admiralty, London,
30th June, 1873.

This Notice affects the following Admiralty Charts:—

(1) Halifax to Delaware, No. 2670; Bay of Fundy to Block Island, No. 2492; and Fletcher's Neck to Cape Codd, No. 2482.

(2) Ontario Lake, No. 1152; and Canada Lights List, No. 109.

NOTICE TO MARINERS.

(No. 60.)—MEDITERRANEAN—ADRIATIC—MORLACCA CANAL.

(1.) *Harbour Lights at Segna (Zengg).*

THE Austrian Government has given notice, that the following lights are now exhibited at the entrance of Segna (Zengg) Harbour.

1. A *fixed white* light at the extremity of the mole "Ambos," north-west of the town; in clear weather it should be seen from a distance of 7 miles.

2. A *fixed red* light on the extremity of the mole "Art," south-west of the town, visible from a distance of 3 miles. This light cannot be exhibited in bad weather.

Note.—Vessels from the south-eastward should sight the red light before entering the harbour.

CATTARO GULF.

(2.) *Harbour Light at Castel-Nuovo.*

Also that a *fixed red* harbour light is now exhibited from a lamp-post on the extremity of the new mole at Castel-Nuovo, Gulf of Cattaro; it is elevated 20 feet above the level of the sea, and should be seen from a distance of 2 miles.

GREECE—MARATHONISI.

(3.) *Fixed and Flashing Light on Crane Island.*

The Greek Government has given notice, that