

day of March to the 1st day of August, in each year.

Given under my hand at Whitehall, this 23rd day of October, 1878.

Richard Assheton Cross.

NOTICE TO MARINERS.

(No. 143.)—BAY OF FUNDY—ST. JOHN HARBOUR.

(1.) *Position of Negro Point Light.*

WITH reference to Notice to Mariners, No. 118, of 29th August, 1878, on the establishment of a light on the breakwater extending from Negro Point, west side of entrance to St. John Harbour:—

Further information has been received that the light, fixed red, is exhibited from the end of the breakwater which extends about 720 yards in a S.S.E. direction from Negro Point.

Position, lat. $45^{\circ} 14' 15''$ N., long. $66^{\circ} 3' 15''$ W.

UNITED STATES—COAST OF NEW JERSEY.

(2.) *Buoy with Self-acting Whistle off Brigantine Shoal.*

The United States Government has given notice, that an automatic (or self-acting) signal buoy has been placed about 2 miles seaward of Brigantine Shoal:—

The buoy, painted black, and giving blasts of a whistle at short intervals, is moored in 8 fathoms at low water, with the following bearings and distances, viz.:—

Tucker Beach Lighthouse, N. $\frac{1}{2}$ E., distant $7\frac{1}{2}$ miles.

Absecum Lighthouse, West, distant $6\frac{1}{2}$ miles.

Cassandra Buoy, N.W. by W., distant 3 miles.

Position approximate, lat. $39^{\circ} 23'$ N., long. $74^{\circ} 16'$ W.

NOTE.—Vessels should pass eastward of this buoy, as there are shoal spots and several sunken wrecks between it and Cassandra Buoy.

CHESAPEAKE BAY.

(3.) *Fixed Red Light and Fog Signal at Nansemond River Entrance.*

Also, that on 1st November, 1878, a light will be exhibited from a screw pile lighthouse recently erected at Nansemond River Entrance, Chesapeake Bay:—

The light will be a fixed red light of the sixth order, elevated 33 feet above high water, and should be visible in clear weather from a distance of 11 miles.

The structure, hexagonal in shape, rests on 7 piles in $5\frac{1}{2}$ feet water. The house is painted white, lantern red, foundation and roof brown.

Position, lat. $36^{\circ} 54' 50''$ N., long. $76^{\circ} 25' 30''$ W.

Also, that during thick and foggy weather, a bell will be struck by machinery at intervals of seven seconds.

[The bearings are magnetic. Variation, St. John, 20° ; Brigantine Shoal, $7\frac{1}{2}^{\circ}$, Westerly in 1878.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,

14th October, 1878.

This Notice affects the following Admiralty Charts:—

(1.) St. John Harbour, with Plan of Entrance, No. 1551. Also, Admiralty List of Lights in

British North America, 1878, page 40; and Sailing Directions for the S.E. Coast of Nova Scotia and Bay of Fundy, 1875, page 216.

(2.) Halifax to Delaware River, No. 2670; Block Island to Great Egg Harbour, No. 2480; and Sailing Directions for the Principal Ports of the United States, 1874, page 64.

(3.) Great Egg Harbour to Albemarle Sound, No. 266; Chesapeake River, No. 355 a; Chesapeake Bay, No. 2843 a. Also, Admiralty List of Lights in the United States, 1878, page 30; and Sailing Directions for the Principal Ports of the United States, 1874, page 76.

NOTICE TO MARINERS.

(No. 144.)—ENGLAND—WEST COAST.
BRISTOL CHANNEL.

Light-Vessel and Buoys marking Wrecks in Carmarthen Bay.

THE Trinity House, London, has given notice, that a vessel from which two fixed white lights, placed horizontally, are exhibited, has been placed between the wrecks of the "Minerva" and "Ella Vail," sunk in Carmarthen Bay, and lying east and west of one another, distant about $7\frac{1}{2}$ cables.

The light-vessel is moored in 4 fathoms at low water spring tides with the following bearings (approximate), viz.:—

Woolhouse Beacon, S.W. $\frac{1}{2}$ W., distant $1\frac{1}{2}$ miles.

Castle Hill, Tenby, W. $\frac{1}{2}$ S.

Monkstone Point, N.W. $\frac{1}{2}$ W.

Stress of weather may compel this light-vessel to quit her station.

Also, that a green buoy has been placed southward of each wreck (the masts of which show above high water), at the distance of 30 yards.

NOTE.—Should a vessel be observed approaching dangerously close to the wrecks, a flare light will be shown from the light-vessel.

[The bearings are magnetic. Variation $21\frac{1}{2}^{\circ}$ Westerly in 1878.

By command of their Lordships;

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,

15th October, 1878.

This Notice temporarily affects the following Admiralty Charts:—English Channel, Nos. 1598 and 2675 b; Ireland, general, No. 1824 a; Bristol Channel, sheet 3, No. 1179; Tenby and Caldy Roads, No. 1165; Also, Admiralty List of Lights in the British Islands, 1878, page 50; and Sailing Directions for the Bristol Channel, 1872, page 71.

NOTICE TO MARINERS.

(No. 145.)—MEDITERRANEAN.
BONIFACIO STRAIT.

(1.) *Sunken Rock south-west of Budello Island.*

THE Italian Government has published the following information relative to a sunken rock lying about half a mile south-west of Budello Island, Bonifacio Strait:—

This rock (Budello), the position of which has been determined by the Government surveying-vessel "Washington," with a depth of $3\frac{1}{2}$ fathoms over it, and 15 fathoms around, lies with the west extreme of Budello Island, bearing N.E., distant 6 cables.

Position approximate, lat. $41^{\circ} 16' 30''$ N., long. $9^{\circ} 20' 15''$ E.

Another rocky patch on which the least water found was $8\frac{1}{2}$ fathoms, lies about half a cable