

Approximate position, lat. $51^{\circ} 6\frac{1}{2}'$ N., long. $1^{\circ} 19\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—The Downs, No. 1828; Dover Bay, No. 1698. Also, List of Lights, Part I, 1906, No. 187; Channel Pilot, Part I, 1900, page 329; and Supplement, 1903, page 23.

No. 1494.—UNITED STATES—ATLANTIC COAST.

Submarine Fog-Signals.

The United States Government has given notice, dated 30th November, 1906, that the submarine fog-bells on board the undermentioned light-vessels are maintained and worked by the Lighthouse Establishment:—

1. Boston Light-vessel.

Approximate position, lat. $42^{\circ} 20'$ N., long. $70^{\circ} 45'$ W.

2. Nantucket Shoals Light-vessel.

Approximate position, lat. $40^{\circ} 37'$ N., long. $69^{\circ} 37'$ W.

3. Fire Island Light-vessel.

Approximate position, lat. $40^{\circ} 29'$ N., long. $73^{\circ} 11'$ W.

4. Sandy Hook Light-vessel.

Approximate position, lat. $40^{\circ} 28'$ N., long. $73^{\circ} 50'$ W.

Also, that the submarine fog-bells on board the undermentioned light-vessels are maintained experimentally by the Submarine Fog-Signal Company, and the Lighthouse Establishment are not responsible for them:—

5. Fenwick Island Shoal Light-vessel.

Approximate position, lat. $38^{\circ} 27'$ N., long. $74^{\circ} 51'$ W.

6. Winter Quarter Shoal Light-vessel.

Approximate position, lat. $37^{\circ} 55'$ N., long. $75^{\circ} 6'$ W.

7. Cape Charles Light-vessel.

Approximate position, lat. $37^{\circ} 6'$ N., long. $75^{\circ} 43'$ W.

8. Tail of the Horseshoe Light-vessel.

Approximate position, lat. $36^{\circ} 59'$ N., long. $76^{\circ} 3'$ W.

9. Diamond Shoal Light-vessel.

Approximate position, lat. $35^{\circ} 5'$ N., long. $75^{\circ} 19'$ W.

This Notice affects the following Admiralty Publications:—List of Lights, Part VIII, 1906, Nos. 766, 804, 943, 946, 1039, 1040, 1045, 1047, 1136. Also, Sailing Directions for the East Coast of the United States, 1899, pages 291, 329, and 491, 484, 492, 540, 582, 592, 599, 697; and Supplement, 1902, page 34.

No. 1495.—UNITED STATES, ATLANTIC COAST.—MASSACHUSETTS.

Marblehead Approach—Race Buoy Withdrawn.

With reference to Notice to Mariners, No. 712 of 1906:—

The United States Government has given further notice that, on the 20th November, 1906, the Race Buoy, situated at a distance of $8\frac{1}{4}$ miles, S. 49° E., from Marblehead Lighthouse, was withdrawn.

Approximate position, lat. $42^{\circ} 26\frac{1}{2}'$ N., long. $70^{\circ} 40'$ W.

[Variation 13° Westerly in 1906.]

This Notice affects the following Admiralty Charts:—Halifax to Delaware, No. 2670; Bay of Fundy to Block Island, No. 2492; Fletcher's Neck to Cape Cod, No. 2482; Boston Bay, No. 1227. Also, Sailing Directions for the East Coast of the United States, 1899, page 277.

No. 1496.—GULF OF BOTHNIA—ULEÅBORG APPROACH.

Merikalla Shoal—Buoys Established.

The Government of Finland has given notice, dated 30th September, 1906, that a recent survey shows Merikalla Shoal to consist of several separate shoals of sand and stones, extending over an area $3\frac{1}{2}$ miles in length in a north and south direction, and for $2\frac{1}{2}$ miles in an east and west direction.

It has been marked as follows:—

a. On the northern side by a white spar buoy with black downturned broom, moored in a depth of 36 feet.

Approximate position, lat. $65^{\circ} 3' 55''$ N., long. $24^{\circ} 8' 40''$ E.

b. On the south-eastern side by a red spar buoy with red upturned broom, moored in a depth of 33 feet.

Approximate position, lat. $65^{\circ} 00' 40''$ N., long. $24^{\circ} 9' 40''$ E.

c. On the south-western side by a red spar buoy with red upturned broom, moored in a depth of 33 feet.

Approximate position, lat. $65^{\circ} 01' 00''$ N., long. $24^{\circ} 4' 25''$ E.

No information is given respecting the shoal shown on the chart southwards of the last-mentioned buoy. Inquiry will be made respecting it.

This Notice affects the following Admiralty Chart:—Gulf of Bothnia, Sheet VII, No. 2302. Also, Baltic Pilot, Part II, 1904, page 453.

No. 1497.—RED SEA.

The Brothers—Light Established.

With reference to Notice to Mariners No. 1304 of 1906:—

Telegraphic information has been received from the Egyptian Government that on the 15th December, 1906, a white flashing light would be permanently exhibited from the new lighthouse on the Brothers.

Approximate position, lat. $26^{\circ} 19'$ N., long. $34^{\circ} 51'$ E.

On the same date the provisional white fixed lights would be discontinued.

Further notice will be issued when the exact period of the flashes and other characteristics are known.

This Notice affects the following Admiralty Chart:—Red Sea with plan of the Brothers, No. 8b. Also, List of Lights, Part V, 1906, No. 1441, Part VI, No. 161. Also, Red Sea Pilot, 1900, page 71; and Supplement, 1904, page 10.

By command of their Lordships,

A. Mostyn Field, Hydrographer.

Hydrographic Office, Admiralty, London,
19th to 21st December, 1906.