

established southward of Port Penn on the western bank of Delaware River.

The front light will be white fixed, elevated 36 feet above high water, and shown from a mast surmounted by a white triangular topmark, erected on the coast at a distance of  $1\frac{1}{2}$  miles S.  $50^{\circ}$  W. from Reedy Island light.

The rear light will be white fixed, elevated 144 feet above high water, and shown from a mast surmounted by a black triangular topmark, erected at a distance of  $3\frac{1}{2}$  miles N.  $35^{\circ}$  W. from the front light.

These lights will be known as the Liston leading lights, and in line N.  $35^{\circ}$  W. lead through the dredged channel from Bombay Hook Roads to buoy No. 17A.

Approximate position, Reedy Island light, lat.  $39^{\circ} 30'$  N., long.  $75^{\circ} 34\frac{1}{2}'$  W.

On the same date the leading lights situated respectively at distances of two miles N.  $66^{\circ}$  W., and one mile S.  $67^{\circ}$  W. from Reedy Island light will be discontinued.

[Variation  $7^{\circ}$  Westerly in 1904.]

NOTE.—A new edition of Chart No. 2564 will shortly be issued.

This Notice affects the following Admiralty Chart:—Delaware River, No. 2564. Also, List of Lights, Part VIII, 1904, page 151; Sailing Directions for the East Coast of the United States, 1899, page 568.

#### No. 983.—BLACK SEA—RUSSIA, GEORGIA.

##### *Batum—Light Established.*

The Russian Government has given notice, dated 25th September, 1904, that a fixed light of the 4th order, elevated 37 feet above the sea, and visible from a distance of 7 miles, has been established in a cylindrical iron tower, painted grey, erected on the head of the mole of the Petroleum Harbour, Batum; it shows green from the bearing of S.  $34^{\circ}$  E. to S.  $5^{\circ}$  E., and red from S.  $5^{\circ}$  E., through south, to the line of direction of the mole (about S.  $78^{\circ}$  W.); in other directions it is obscured.

Approximate position, lat.  $41^{\circ} 39\frac{1}{4}'$  N., long.  $41^{\circ} 37\frac{3}{4}'$  E.

[Variation  $1^{\circ}$  Easterly in 1904.]

This Notice affects the following Admiralty Chart:—Batum Bay, No. 3303. Also, List of Lights, Part V, 1904, No. 1272a; and Sailing Directions for, &c., Black Sea, 1900, page 306.

#### No. 984.—ADRIATIC—GREAT QUARNERO CHANNEL.

##### *Galiola Light—Amended Period of.*

The Austrian Government has given notice, dated 1st October, 1904, that the period of Galiola Light (group flashing) is ninety-five seconds, and not two minutes as previously stated; it shows thus:—white flash, six seconds; eclipse, thirteen seconds; white flash, six seconds; eclipse, thirteen seconds; white flash, six seconds; eclipse, thirteen seconds; red flash, six seconds; eclipse, thirteen seconds; red flash, six seconds; eclipse, thirteen seconds.

Approximate position, lat.  $44^{\circ} 43\frac{1}{2}'$  N., long.  $14^{\circ} 10\frac{1}{2}'$  E.

This Notice affects the following Admiralty Charts:—Adriatic, No. 1440; Ortona to River Po, No. 200; Cape Promontore to Grossa Island, No. 2711. Also, List of Lights, Part V, 1904, No. 682; Mediterranean Pilot, Vol. III, 1899, page 170; and Supplement, 1904, page 11.

#### No. 985.—CANADA—NEW BRUNSWICK.

##### *Richibucto River Leading Lights—Position Altered.*

With reference to Notice to Mariners No. 553 of 1903:—

The Government of the Dominion of Canada has given further notice, dated 13th June, 1904, that in consequence of alterations in the channel across the bar, the position of the leading lights at the entrance of Richibucto River have been altered as follows:—

##### BAR LIGHTS.

The front light (white fixed) has been moved to a position one-tenth of a cable S.  $39^{\circ}$  E. from its former position, and is now exhibited from a mast at an elevation of 32 feet above high water at a distance of  $9\frac{1}{2}$  cables S.  $37^{\circ}$  E. from the outer extremity of the northern breakwater. It is visible in clear weather from a distance of 10 miles.

Approximate position, lat.  $46^{\circ} 42\frac{1}{2}'$  N., long.  $64^{\circ} 46\frac{1}{2}'$  W.

The rear light (white fixed) has been moved three-quarters of a cable S.  $66^{\circ}$  E. from its former position, and re-exhibited at an elevation of 44 feet above high water from a mast, 40 feet high, erected at a distance of four-tenths of a cable S.  $45^{\circ}$  W. from the front light. It is visible in clear weather from a distance of 12 miles.

These two lights in line S.  $45^{\circ}$  W. lead to the black can buoy at the entrance to the channel. The depth over the bar is now 14 feet at high water.

[Variation  $22^{\circ}$  Westerly in 1904.]

This Notice affects the following Admiralty Chart:—Richibucto River, No. 2199. Also, List of Lights, Part VIII, 1904, No. 235; and Gulf of St. Lawrence Pilot, Vol. II, 1895, pages 82, 83, 84.

By command of their Lordships,

*A. Mostyn Field*, Hydrographer.

Hydrographic Office, Admiralty, London,  
19th to 21st October, 1904.

Board of Trade.—Session 1905.

##### HAYLING ISLAND GAS.

(Application to the Board of Trade by the Hayling Island Gas Company Limited under "The Gas and Waterworks Facilities Act, 1870," for a Provisional Order for Powers to maintain and continue and construct Gasworks and Works connected therewith; to convert Residual Products, and to manufacture and