

than indicated in the chart, depths of 7 and 8 fathoms having been found where formerly there were 13 to 15 fathoms.

The least depth obtained by the "Elgiva," in four passages across the bar, was $2\frac{1}{2}$ fathoms.

[Variation 1° Westerly in 1890.]

By command of their Lordships,
W. J. L. Wharton, Hydrographer.
Hydrographic Office, Admiralty, London,
1st January, 1890.

This notice affects the following Admiralty Chart:—Trinidad to Surinam, No. 1801. Also, Admiralty List of Lights on the Eastern Coasts of North America, &c., 1889, No. 1151; West India Pilot, Vol. I, 1883, pages 71 73; and, Revised Supplement of 1889, relating to West India Pilot, Vol. I, page 17.

NOTICE TO MARINERS.

(No. 5 of the year 1890.)

[The bearings are magnetic, and those concerning the visibility of lights are given from seaward.]

AUSTRALIA.—EAST COAST.

Intended Group-Flashing Light on Smoky Cape.

THE Government of New South Wales has given notice, that it is intended to exhibit a light from a lighthouse now in course of erection on Smoky Cape:—

The light will be a group-flashing light of the first order.

Position, as given, lat. $30^{\circ} 56' S.$, long. $153^{\circ} 6' E.$

Further notice will be given of the particulars and date of exhibition of this light.

This Notice affects the following Admiralty Chart:—Tacking Point to Coffs Island, No. 1025; Australia, southern portion, No. 2759b. Also, Admiralty List of Lights in South Africa, &c., 1889, page 146; and Australia Directory, Vol. II, 1879, page 59.

(No. 6 of the year 1890.)

AUSTRALIA.—WEST COAST.—SHARK BAY.

Gascoyne Road—Temporary Light-vessel Exhibiting a Fixed Light.

Information has been received, from Commander L. S. Dawson, H.M. surveying-vessel "Rambler," that the receiving hulk of the Adelaide Steam Navigation Company, exhibiting a fixed light, is moored off the entrance of Gascoyne River, Gascoyne Road, Shark Bay:—

The light is a fixed white light, shown from the mast of the light-vessel; it is elevated 39 feet above the sea, and should be visible in clear weather from a distance of ten miles.

The light-vessel, with one mast, is painted red. She is moored in 18 feet at low water, with the beacon on the south end of Babbage Island bearing E. by N. $\frac{1}{2}$ N., distant $1\frac{1}{2}$ miles.

Position, lat. $24^{\circ} 54' 5'' S.$, long. $113^{\circ} 37' 5'' E.$

NOTE.—Mariners are cautioned that this light may be liable to be discontinued, and implicit reliance should not be placed upon it.

[Variation 2° Westerly in 1890.]

This Notice affects the following Admiralty Charts:—Cape Cuvier to Champion Bay, with Plan of Gascoyne Road, No. 1056; Shark Bay, No. 518. Also, Admiralty List of Lights in South Africa, &c., 1889, page 120; Australia Directory, Vol. III, 1881, page 212; and Supplement of 1885, relating to Australia Directory, Vol. III, page 27.

By command of their Lordships,
W. J. L. Wharton, Hydrographer.
Hydrographic Office, Admiralty, London,
1st January, 1890.

NOTICE TO MARINERS.

(No. 7 of the year 1890.)

[The bearings are magnetic, and those concerning the visibility of lights are given from seaward.]

UNITED STATES.—NEW YORK.

East River—Fog Signal near Hallett Point Lighthouse.

THE United States Government has given notice, that on or about 16th December, 1889, a fog signal would be established in a small tower near Hallett Point Lighthouse, eastern shore of East River, New York:—

The signal is a bell, which during thick or foggy weather will be struck by machinery, a single blow every five seconds.

Position, lat. $40^{\circ} 46' 35'' N.$, long. $73^{\circ} 56' 5'' W.$

This Notice affects the following Admiralty Charts:—Long Island Sound, western part, No. 2755; approaches to New York, No. 2491. Also, Admiralty List of Lights on the Eastern Coasts of North America, 1889, page 86; and Sailing Directions for the Principal Ports of the United States, 1882, page 132.

(No. 8 of the year 1890.)

UNITED STATES.—MARYLAND.

Potomac River—Fixed Light and Fog Signal at Entrance of Wicomico River.

The United States Government has given notice, that on or about 25th December, 1889, a light would be exhibited from a lighthouse recently erected at the south-eastern extreme of the shoal extending south-eastward from Cob Point, western side of entrance to Wicomico River, northern side of Potomac River, Maryland:—

The light is a fixed white light, elevated 40 feet above the sea, and should be visible in clear weather from a distance of 11 miles.

The illuminating apparatus is of the fourth order.

The lighthouse consists of an iron screw pile foundation, painted brown, surmounted by a square wooden dwelling, painted white, with a brown roof, and a black lantern above.

It is situated in a depth of 6 feet, with Blakistone Island Lighthouse bearing S.E. by E. $\frac{1}{4}$ E., distant $4\frac{1}{2}$ miles, and Cob Point N.W. $\frac{1}{4}$ N., $1\frac{1}{2}$ miles.

Position, as given, lat. $38^{\circ} 14' 27'' N.$, long. $76^{\circ} 49' 32'' W.$

Also, that on the same date a fog signal would be established at the above lighthouse:—

The signal is a bell which, during thick or foggy weather, will be struck by machinery, a double blow every fifteen seconds.

[Variation 4° Westerly in 1890.]

This Notice affects the following Admiralty Charts:—Great Egg Harbour to Albemarle Sound, No. 266; Chesapeake Bay, Nos. 355, a, b; Potomac River, No. 2857. Also, Admiralty List of Lights on the Eastern Coasts of North America, 1889, page 104; and Sailing Directions for the Principal Ports of the United States, 1882, page 180.

By command of their Lordships,
W. J. L. Wharton, Hydrographer.
Hydrographic Office, Admiralty, London,
1st January, 1890.

NOTICE TO MARINERS.

(No. 9 of the year 1890.)

AUSTRALIA.—EAST COAST.—MORNINGTON BAY.

Westerly Extension of East Bank.

THE Government of Queensland has given