

A red fixed light will also be shown on the extremity of the western breakwater.

Approximate position, lat.  $51^{\circ} 11' N.$ , long.  $3^{\circ} 19' W.$

This Notice affects the following Admiralty Chart:—Watchet Harbour on Chart No. 1181. Also, List of Lights, Part I, 1903, No. 968, page 192; and Sailing Directions for the West Coast of England, 1902, page 89.

No. 588.—IRELAND, EAST COAST—BELFAST HARBOUR.

*Carrickfergus Bank Light-Buoy—Character Altered.*

With reference to Notice to Mariners No. 172 of 1903:—

The Belfast Harbour Commissioners have given further notice, dated 7th July, 1903, that the character of the light exhibited from the buoy marking Carrickfergus Bank, situated S.  $24^{\circ} W.$ , 14 cables from Carrickfergus Castle, has been altered from white fixed to a white occulting light.

Approximate position, lat.  $54^{\circ} 41\frac{1}{2}' N.$ , long.  $5^{\circ} 48\frac{1}{2}' W.$

[Variation  $19^{\circ}$  Westerly in 1903.]

This Notice affects the following Admiralty Charts:—Irish Channel, No. 1825a; Lough Carlingford to Lough Larne, No. 45; and Belfast Lough, No. 1753. Also, Irish Coast Pilot, 1902, page 230.

No. 589.—CANADA—RIVER ST. LAWRENCE ABOVE QUEBEC.

*Ile Bouchard—Leading Lights Established.*

The Government of the Dominion of Canada has given notice that, on 18th June, 1903, the undermentioned catoptric leading lights, to be known as the Ile Bouchard Leading Lights, were established in the following positions:—

a. The front light, white fixed, elevated 39 feet above the summer level of the river, and visible from a distance of 8 miles, is shown from a square wooden tower 28 feet high standing on a crib-work foundation. The whole structure, painted white, is erected in a depth of 5 feet off the north-eastern end of Ile Marie at a distance of  $6\frac{2}{10}$  cables N.  $15^{\circ} E.$  from Verchères Church.

Approximate position, lat.  $45^{\circ} 47\frac{1}{4}' N.$ , long.  $73^{\circ} 21\frac{1}{2}' W.$

b. The rear light, white fixed, elevated 75 feet above the summer level of the river, and visible from a distance of 8 miles, is shown from a square steel framework tower, 65 feet high, with a watch room and lantern, painted brown and white, erected on Ile Bouchard at a distance of  $13\frac{1}{4}$  cables N.  $5\frac{1}{2}^{\circ} E.$  from the front light.

These lights in line N.  $51^{\circ} E.$  lead through the dredged channel from Cape St. Michael to the head of Verchères traverse, and are only visible over a small arc on either side of that line.

[Variation  $14^{\circ}$  Westerly in 1903.]

This Notice affects the following Admiralty Charts:—Point du Lac to Lachine Rapids,

No. 27578.

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No. 2830b; Contrecoeur to Repentigny, No. 2876. Also, List of Lights, Part VIII, 1903, page 64; and St. Lawrence Pilot, Vol. I, 1894, page 343.

No. 590.—UNITED STATES—ATLANTIC COAST, NEW JERSEY.

*Tucker's Beach—Wreck Off.*

The United States Government has given notice, dated 27th June, 1903; that a dangerous wreck, with two masts above water, lies sunk off Tucker's Beach in a position from which Tucker's Beach Lighthouse bears N.  $70^{\circ} W.$ , distant  $3\frac{1}{2}$  miles.

Approximate position, lat.  $39^{\circ} 29\frac{1}{2}' N.$ , long.  $74^{\circ} 13' W.$

[Variation  $8^{\circ}$  Westerly in 1903.]

This Notice affects the following Admiralty Chart:—Approaches to New York, No. 2480. Also, Sailing Directions for the East Coast of the United States, 1899, page 528.

No. 591.—PERSIAN GULF ENTRANCE—BASIDU APPROACH.

*Mariner Rock—Decreased Depth Over.*

Information, dated 30th June, 1903, has been received from the Russian Government that the Captain of the Russian steamship "Truvor" reports having obtained a sounding of 4 fathoms, shells, on the Mariner Shoal at a distance of 8 miles N.  $28^{\circ} E.$  from Jezirat Nabiyyu Tanb.

Approximate position, lat.  $26^{\circ} 22' N.$ , long.  $55^{\circ} 13' E.$

The depth over this shoal appears to be decreasing.

[Variation nil in 1903.]

This Notice affects the following Admiralty Charts:—Persian Gulf, No. 2337a; Entrance to Persian Gulf, No. 753. Also, Persian Gulf Pilot, 1898, page 228.

No. 592.—SICILY—EAST COAST.

*Riposto—Light Established.*

The Italian Government has given notice, dated 3rd July, 1903, that a white fixed light, elevated 36 feet above the sea, and visible from a distance of 8 miles, has been established in a small tower, 19 feet high, surmounting a building painted white erected on a point locally known as Uliancone, to the southward of the town of Riposto. It has been placed on the Chart near the chimney at the southern end of the town about 4 cables S.  $32^{\circ} E.$  from Riposto Church.

Approximate position, lat.  $37^{\circ} 43\frac{1}{2}' N.$ , long.  $15^{\circ} 13\frac{1}{4}' E.$

[Variation  $9^{\circ}$  Westerly in 1903.]

This Notice affects the following Admiralty Chart:—Catania to Cefalù, No. 188. Also, List of Lights, Part V, 1903, page 92; and Mediterranean Pilot, Vol. I, 1894, page 399.