

Approximate position, lat. $51^{\circ} 38\frac{1}{2}'$ N., long. $1^{\circ} 6\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—North Foreland to Orford Ness, No. 1610; The Naze to the West Swin, No. 1975. Also, List of Lights, Part I, 1905, No. 240; and North Sea Pilot, Part III, 1897, page 310.

No. 644.—ENGLAND, EAST COAST—RIVER THAMES ESTUARY.

Ray Sand Channel—Decreased Depth in, Beacon Disappeared.

Information, dated 19th June, 1905, has been received from Commander A. B. F. Dawson, His Majesty's Torpedo Boat No. 76, that a recent examination of the Ray Sand Channel, the swatchway between the Rivers Crouch and Blackwater, in the Thames Estuary, shows that it has entirely silted up, the soundings on the Chart being about 10 feet more than the actual depths at low water. The deepest channel, which was found to be situated about 2 cables westward of West Buxey Buoy and Buxey Beacon, has a minimum depth in it of $6\frac{1}{2}$ feet at low-water springs.

The Fishery Beacon on Ray Sand has disappeared.

Approximate position of Fishery Beacon, lat. $51^{\circ} 39\frac{3}{4}'$ N., long. $0^{\circ} 59\frac{1}{2}'$ E.

This Notice affects the following Admiralty Chart:—The Naze to the West Swin, No. 1975. Also, North Sea Pilot, Part III, 1897, page 314.

No. 645.—THE SOUND—COPENHAGEN APPROACH.

Hollander Deep—Wreck, Marked by Vessel and Light-Buoy.

The Danish Government has given notice, dated 28th June, 1905, that the wreck of the training ship "Georg Stage" lies sunk in Hollander Deep, about 70 yards eastward of the Dragør leading lights in line, and $2\frac{3}{10}$ miles N. 7° E. from North Røse Lighthouse.

A wreck-marking light-vessel has been placed about 2 cables to the southward of the wreck, and a light-buoy, painted green, and exhibiting a green occulting light, about one cable northward of the wreck. The light exhibited from the buoy shows thus:—light, about five seconds; eclipse, two and a half seconds.

Approximate position, lat. $55^{\circ} 40\frac{1}{2}'$ N., long. $12^{\circ} 41\frac{1}{4}'$ E.

[Variation 9° Westerly in 1905.]

This Notice affects the following Admiralty Charts:—The Sound, No. 2115; Copenhagen Approaches, No. 790. Also, Baltic Pilot, Part I, 1905, page 250.

No. 646.—CANADA—QUEBEC, RIVER ST. LAWRENCE.

Beaujeu Channel—Lighthouse Constructing, Temporary Light.

The Government of the Dominion of Canada has given notice, dated 5th June, 1905, that the foundation for a lighthouse is under construction in Beaujeu Narrows, on the east coast of Crane Island; this structure is situated at a distance of 3 cables S. 14° E. from the front and south-easternmost of the two beacons on Crane Island

marking the position of light-buoy No. 69, and 2 miles N. 62° E. from Crane Island Lighthouse.

Approximate position, lat. $47^{\circ} 4\frac{1}{4}'$ N., long. $70^{\circ} 30\frac{3}{4}'$ W.

A temporary white fixed light, elevated 6 feet above high water, and visible from a distance of about 3 miles, is shown from the scaffolding. This light, in line with Crane Island Light (white occulting) S. 62° W., leads through the channel from Goose Island Reef to Beaujeu Narrows.

[Variation 19° Westerly in 1905.]

This Notice affects the following Admiralty Chart:—The Traverses, with Plan of Beaujeu Narrows, No. 318. Also, List of Lights, Part VIII, 1905, page 53; and St. Lawrence Pilot, Vol. I, 1894, pages 291, 292.

No. 647.—NORTH SEA—NETHERLANDS.

Terschelling Light—Alteration in.

With reference to Notice to Mariners No. 569 of 1905:—

The Netherlands Government has given further notice, dated 26th June, 1905, that on 5th July the white fixed light shown from Brandaris Tower would be replaced by a provisional white group flashing electric light showing groups of three flashes every twenty seconds, thus:—Flash, one-tenth of a second; eclipse, one and one-tenths seconds; flash, one-tenth of a second; eclipse, nine and three-tenths seconds; flash, one-tenth of a second; eclipse, nine and three-tenths seconds. This light will be obscured from the bearing of S. 16° W. to S. 68° W.

Approximate position, lat. $53^{\circ} 21\frac{1}{2}'$ N., long. $5^{\circ} 13'$ E.

Further notice will be given when the new light is established.

[Variation 13° Westerly in 1905.]

This Notice affects the following Admiralty Charts:—North Sea, Nos. 2339 and 2182a; Scheveningen to Ameland, No. 2322. Also, List of Lights, Part II, 1905, No. 240; and North Sea Pilot, Part IV, 1901, page 161.

No. 648.—ADRIATIC—QUARNEROLO CHANNEL.

Port Arbe—Alteration in Lights.

The Austrian Government has given notice, dated 17th June, 1905, that a green fixed light, elevated 16 feet above high water, and visible from a distance of about 2 miles, has been established on an iron support erected on the extremity of Ferkanjo Point at the entrance to Port Arbe.

Approximate position, lat. $44^{\circ} 45'$ N., long. $14^{\circ} 45\frac{1}{4}'$ E.

Also, that the fixed light, showing white and green sectors, formerly exhibited near San Cristoforo Church on San Antonio Point, has been discontinued.

This Notice affects the following Admiralty Charts:—Gulf of Quarnero, No. 2711; Plan of Port Arbe on Chart No. 1561. Also, List of Lights, Part V, 1905, page 137, No. 738; Mediterranean Pilot, Vol. III, 1899, page 184; and Supplement, 1904, page 12.

By command of their Lordships,

A. Mostyn Field, Hydrographer.

Hydrographic Office, Admiralty, London,
8th to 10th July, 1905.