

Island to Sves Fiord, No. 2307; Brand Fiord to Leka, No. 2308; Fleina to Vest Fiord, &c., No. 2311; Ando to Helgø, No. 2313. Also, List of Lights, Part II, 1899, Nos. 767, 829, 830, 857, 890, 968, 641, and 687; Norway Pilot, Part II, 1894, pages 279, 345, 382, 413, 458, 89, and 157.

No. 611.—NEWFOUNDLAND—EAST COAST.

Little Harbour Deep—Rocks found in the Fairway.

INFORMATION has been received from Staff Commander W. Tooker, in charge of the Admiralty Survey on the coast of Newfoundland, that the undermentioned rocks have been found in the entrance to Little Harbour Deep:—

1. A rock, with $3\frac{1}{2}$ fathoms over it, situated with the western entrance head bearing S. 74° W., distant $5\frac{1}{2}$ cables, and the rocky islet off the eastern entrance head N. 49° E.; there are depths of 8 to 13 fathoms close around.

Approximate position, lat. $50^{\circ} 15' 20''$ N., long. $56^{\circ} 30' 0''$ W.

2. Also, that a rock, with 18 feet over it, lies 1 cable S. 39° E. from the western entrance head of Little Harbour Deep, with depths of 8 to 9 fathoms between it and the shore.

[Variation 32° Westerly in 1899.]

This Notice affects the following Admiralty Charts:—St. John Bay to Orange Bay, &c., No. 282; Orange Bay to Gander Bay, No. 285. Also, Newfoundland and Labrador Pilot, 1897, page 268.

No. 612.—UNITED STATES, WASHINGTON—ADMIRALTY INLET.

Rich Passage—New Rock and Alteration in Buoyage.

THE United States Government has given notice, that a new rock has been found in Rich Passage, and in consequence the following alterations were made in the buoyage:—

1. A rock, with 4 fathoms over it at low water, is situated on the north side of the channel in Rich Passage, with Orchard Rocks Spindle bearing N.W. by W. $\frac{1}{4}$ W., distant 9 cables, and Orchard Point Light S.W. $\frac{1}{4}$ W. It is marked by a red nun buoy.

Approximate position, lat. $47^{\circ} 34' 5''$ N., long. $122^{\circ} 30' 55''$ W.

2. Orchard Rocks Red Nun Buoy has been renumbered; it is now No. 4; its position is unchanged.

[Variation 22° Easterly in 1899.]

This Notice affects the following Admiralty Chart:—Admiralty Inlet and Puget Sound, No. 1947. Also, British Columbia Pilot, 1898, pages 46 and 47; Supplement, 1899, page 4.

No. 613.—WEST INDIES—BAHAMAS—ANDROS ISLAND.

Fresh Creek—Light Discontinued.

INFORMATION has been received through the Board of Trade, dated 22nd September, 1899, that the light at Fresh Creek, Andros Island, has been damaged, and cannot be exhibited until further notice.

Approximate position, lat. $24^{\circ} 43' 50''$ N., long. $77^{\circ} 47' 40''$ W.

This Notice affects the following Admiralty Chart:—Great Bahama Bank, No. 1496. Also, List of Lights, Part VIII, 1899, No. 1361; West India Pilot, Vol. II, 1887, page 523, Vol. II, 1899, page 584 (now in the press).

No. 614.—FRANCE—GIRONDE RIVER.

Terre Negre Light—Altered in Character.

WITH reference to Notice to Mariners No. 312 of 1899:—

No. 27125.

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The French Government has given further notice, that on 20th September, 1899, Terre Nègre Light, Gironde River, will be altered from white fixed to group occulting, thus:—light, nine seconds; eclipse, one second; light, three seconds; eclipse, one second; light, three seconds; eclipse, one second.

Terre Nègre Light exhibits the following sectors:—

Red from the bearing of S. 47° E. to S. 57° E., white from S. 57° E. to S. 71° E., green from S. 71° E., through east, to N. 19° E., white from N. 19° E., through north, to N. 41° W., and will be obscured in other directions. The white light will be visible in clear weather from a distance of 13 miles, the red 9 miles, and the green 7 miles, the candles power being 59, 12, and 7 bees Carcel respectively, or 590, 120, and 70 candle power.

Approximate position, lat. $45^{\circ} 38' 45''$ N., long. $1^{\circ} 6' 25''$ W.

[Variation 15° Westerly in 1899.]

This Notice affects the following Admiralty Charts:—Pointe D'Arcachon to Pointe de la Coubre, No. 2664; Entrance to Gironde River, No. 2910. Also, List of Lights, Part IV, 1899, No. 407; Sailing Directions for the West Coasts of France, Spain, and Portugal, 1891, page 122; and Hydrographic Notice No. 2 of 1894, relating to that work, page 12.

No. 615.—MEDITERRANEAN—SICILY—NORTH COAST.

Milazzo Bay—Light on Mole Head Altered.

THE Italian Government has given notice, that on the 1st October, 1899, the colour of the occulting light on the head of the Mole at Milazzo will be altered from red to green.

Approximate position, lat. $38^{\circ} 13'$ N., long. $15^{\circ} 15'$ E.

This Notice affects the following Admiralty Charts:—Sardinia to Malta, No. 165; Cape Bonifati to Strait of Messina, No. 1976; Catania to Cefalu, No. 188; Milazzo Bay, No. 175. Also, List of Lights, Part V, 1899, No. 524; Mediterranean Pilot, Vol. I, 1894, page 430; Supplement, 1898, page 19.

No. 616.—NEWFOUNDLAND.

St. John's Harbour—Leading Lights.

THE Government of Newfoundland has given notice, dated 30th August, 1899, that the structure carrying the lower leading light (red) and day marks at St. John's Harbour has been removed from its temporary position to a permanent position on the roof of the new brick building on Queen's Wharf; the light is elevated 58 feet, and the mast, lantern, and day marks are painted white. The note on Admiralty Plan 298 (under the sketch) has consequently been erased.

Approximate position, lat. $47^{\circ} 34' 5''$ N., long. $52^{\circ} 41' 40''$ W.

This Notice affects the following Admiralty Chart:—St. John's Harbour, No. 298. Also, List of Lights, Part VIII, 1899, No. 42; Newfoundland and Labrador Pilot, 1897, page 422.

No. 617.—UNITED STATES—MAINE.

Libby Islands—Fog Signal Altered.

WITH reference to Notice to Mariners No. 272 of 1899:—

The United States Government has given further notice, that about 1st October, 1899, the fog signal (a steam whistle) on the south-west extreme of Libby Islands, entrance to Machias Bay, would be altered to sound thus:—blasts of two seconds duration, followed by intervals of thirteen seconds.