

render it more conspicuous. The tower is painted white, with the exception of the lantern roof, which is red.

Gentilly Church and these two lights in line S. 34° W. lead through the centre of that portion of the channel mentioned above.

[Variation 16° Westerly in 1907.]

This Notice affects the following Admiralty Charts:—Grondine to Batiscan, No. 2779; Batiscan to Becancour, No. 2780; Quebec to Point du Lac, No. 2830a. Also, List of Lights, Part VIII, 1907, page 69; and St. Lawrence Pilot, 1906, page 631.

No. 1582.—NEWFOUNDLAND—EAST COAST.

*Fogo Island—Positions and Particulars of Shoals North-Eastward of.*

The following information, dated 3rd October, 1907, has been received from Captain W. Tooker, R.N., in charge of the Admiralty Survey, respecting the undermentioned shoals to the north-eastward of the Fogo Islands, Newfoundland:—

a. SNAP ROCK.—The least depth on this shoal, which is about a quarter of a mile in extent E.N.E. and W.S.W., is 5 feet; it is situated in approximately lat. 49° 52' 30" N., long. 53° 42' 20" W., or about 7 cables S. 30° W. from its position on the chart.

In calm weather there is little indication of the existence of this shoal, but it breaks when there is any sea on. A current to the south-east is usually experienced in this locality.

At a distance of 3½ miles N. 37° E. from this position is a patch of foul ground locally known as Blakeys Ground on which the sea breaks in heavy weather; depths of from 9 to 10 fathoms have been obtained over it.

b. CROMWELLS LEDGE.—The least depth over this shoal is 4½ fathoms, situated in approximately lat. 49° 49' 45" N., long. 53° 51' 0" W. It breaks in bad weather.

c. CLERYS LEDGE.—This danger, on which the sea breaks in bad weather, has a depth of 5 fathoms over it, situated in approximately lat. 49° 49' 10" N., long. 53° 52' 10" W.

d. HARD HAT.—This is a patch of foul ground on which a depth of 11 fathoms was found, situated in approximately lat. 49° 52' 40" N., long. 54° 1' 0" W. The local fishermen report that there is a depth of 6 fathoms on this bank. It breaks in bad weather.

e. GREEN BAY BANK.—This bank is a patch of rocks on which a depth of 10 fathoms was found, situated in approximately lat. 49° 53' 20" N., long. 54° 4' 30" W. It breaks in bad weather.

[Variation 32° Westerly in 1907.]

This Notice affects the following Admiralty Charts:—Gander Bay to Cape Bonavista, No. 293; Newfoundland, No. 282b, Also, Newfoundland Pilot, 1907, page 391.

No. 1583.—NORTH SEA, GERMANY—RIVER ELBE, CUXHAVEN APPROACH.

*Kugelbake Fairway—Decreased Depths in, Buoy Moved.*

The German Government has given notice, dated 26th October, 1907, that the soundings

shown on the chart in Kugelbake Fairway to the southward of Middle Ground are no longer reliable, the depths having decreased; the eastern buoy with a cross topmark has consequently been moved about 3½ cables S. 54° E. from its former position, and is now moored in approximately lat. 53° 55' 45" N., long. 8° 40' 5" E.

[Variation 11° Westerly in 1907.]

This Notice affects the following Admiralty Chart:—Elbe River, No. 3261. Also, North Sea Pilot, Part IV, 1901, page 205; and Supplement, 1906.

No. 1584.—NORTH SEA, GERMANY—WESER ENTRANCE.

*Bremen Light-vessel—Temporarily Replaced by Reserve Light-vessel.*

The German Government has given notice, dated 26th October, 1907, that in the latter part of November Bremen light-vessel will, whilst undergoing repairs, be replaced by a reserve light-vessel. A red group flashing light showing groups of three flashes every fifteen seconds, thus:—flash, three-tenths of a second; eclipse, three and four-tenths seconds; flash, three-tenths of a second; eclipse, three and four-tenths seconds; flash, three-tenths of a second; eclipse, seven and three-tenths seconds, will be exhibited from the reserve light-vessel. This vessel, which has a mainmast on which the lantern looks like a fighting top, and fore and mizen pole masts, is painted red and marked "Bremen" on each side and on the stern, the pole masts and deck superstructure being painted yellow.

During thick or foggy weather a siren or horn will give groups of three blasts every minute, thus:—blast, two and a half seconds; silent interval, four and a half seconds; blast, two and a half seconds; silent interval, four and a half seconds; blast, two and a half seconds; silent interval, forty-three and a half seconds; in the interval between the groups a bell is first rung and then struck six times in succession.

The reserve light-vessel will be moored about 2½ cables to the southward of the permanent light-vessel.

Approximate position, lat 53° 47' 55" N., long. 8° 9' E.

It is expected that repairs will occupy about a month, but further notice will be given when the permanent light-vessel is again in position.

This Notice temporarily affects the following Admiralty Chart:—Jade and Weser Rivers, No. 3346. Also, List of Lights, Part II, 1907, No. 388; and North Sea Pilot, Part IV, 1901, page 186.

No. 1585.—NORTH SEA—GERMANY, RIVER ELBE.

*Bielenberg—Light Established. Kamperreihe Steindeich—Light Altered.*

The German Government has given notice, dated 26th October, 1907, that on November 1st the undermentioned lights would be established and altered in the Elbe:—

a. BIELENBERG.—A group occulting dioptric light, showing groups of two eclipses every nine seconds, thus:—light, five seconds; eclipse, one second; light two seconds; eclipse, one second, would be established in place of the former white