

No. 2378 ; Sevastopol Harbour, No. 963 ; Kertch Strait, No. 2205 ; Batoum, on sheet of plans, No. 2220. Also, Black Sea Pilot, 1884, pages 36, 43, 54, 73, 111.

No. 357.—MEDITERRANEAN STATION.

BLACK SEA—RUSSIAN COAST.

Harbour Light at Batoum.

ALSO, that on 15th June, 1890, in order to facilitate entering Batoum Bay during the night, a harbour light would be exhibited from a light-house erected on the eastern extreme of Tabia Burun, near the water's edge, and about 175 yards south-eastward of the principal light-house :—

Batoum Harbour Light is a flashing light, with alternate white and red flashes, visible through the eastern semicircle, and elevated 28 feet above the sea.

The lighthouse, 25 feet high, constructed of iron framework and having the shape of a truncated quadrilateral pyramid, is painted red.

This Notice affects the following Admiralty Charts:—Cape Yasoun to Fort Anakria, No. 2236 ; Batoum, on sheet of plans, No. 2220. Also, Admiralty Lists of Lights in the Mediterranean, &c., 1890, page 162 ; Black Sea Pilot, 1884, page 111 ; and Hydrographic Notice, No. 11 of 1886, relating to Black Sea Pilot, page 7.

ERRATUM.

In Notice to Mariners, No. 324 of 1890, page 8, for lat. $35^{\circ} 39\frac{1}{4}'$ N., read lat. $35^{\circ} 49\frac{1}{4}'$ N.

No. 358.—SOUTH-EAST AMERICA AND PACIFIC STATIONS.

SOUTH AMERICA—EAST COAST.

BRAZIL—PORT OF BAHIA.

Point San Antonio—Provisional Light Exhibited.

TELEGRAPHIC information has been received through the Board of Trade, that during repairs (which will probably occupy a considerable time) to the permanent light on Point San Antonio, eastern side of entrance to the Port of Bahia, a provisional light is exhibited :—

Point San Antonio provisional light is a fixed white light.

This Notice temporarily affects the following Admiralty Charts:—South Atlantic Ocean, western portion, No. 2202b ; Pernambuco to Victoria, with plan of Port of Bahia, No. 529 ; Port of Bahia, Nos. 540, 506. Also, Admiralty List of Lights in South America, 1890, No. 39 ; and South America Pilot, Part I, 1885, page 64.

No. 359.—NORTH SEA AND BALTIC STATIONS.

SCOTLAND—NORTH COAST.—FIRTH OF PENTLAND.

Stroma Island—Intended Quick Flashing Light on Swilkie Point.

THE Commissioners of Northern Lighthouses have given notice, that on 30th July, 1890, a light will be exhibited from a pole on Swilkie Point, north extreme of Stroma Island :—

Swilkie Point Light will be a quick flashing white light of the sixth order, giving about twenty flashes every minute, and elevated about 59 feet above high water.

Approximate position, lat. $58^{\circ} 41\frac{3}{4}'$ N., long. $3^{\circ} 7' W.$

NOTE.—This light must be regarded as experimental ; it is not attended by a keeper throughout the night, and may possibly be extinguished, or get out of order. It is also of weak power, and hence liable to obscuration during fog. Too much

No. 26072.

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reliance must not, therefore, be placed on it, and Mariners are cautioned accordingly.

This Notice affects the following Admiralty Charts:—Scotland, north coast, No. 2397b ; North Sea, No. 2182b ; Orkney Islands, Southern portion, No. 2180b ; Ord of Caithness to Thurso Bay, No. 2181 ; Firth of Pentland, No. 2162. Also, Admiralty List of Lights in the British Islands, 1890, No. 392a ; and North Sea Pilot, Part II, 1885, page 34.

No. 360.—NORTH AMERICA AND WEST INDIES STATION.

CANADA—RIVER ST. LAWRENCE.

Beaujeu Channel West Narrows—Can Buoy Replaced in Previous Position.

WITH reference to Notice to Mariners, No. 298 (9) of 1890, on the Red Can Buoy of Beaujeu Channel West Narrows having been moved south-eastward of its old position, and placed close southward of a shoal with 22 feet water on it :—

The Government of the Dominion of Canada has given further notice, dated 31st May, 1890, that the Red Can Buoy of Beaujeu Channel West Narrows has been replaced in its previous position, and is now moored with South Diamond Beacon bearing N. $\frac{1}{4}$ W., distant $3\frac{1}{2}$ cables.

NOTE.—This alteration in position of the buoy has been made because it was found that in its late position, though more accurately marking the limits of the shoalest water, it necessitated a dangerously abrupt turn when using Beaujeu Channel. Mariners are, however, warned that shoals, with only 22 feet of water on them, lie southward and south-eastward of the buoy, at the distance of about $1\frac{1}{4}$ cables. The deepest water (about 27 feet) in the channel, clear of the above-mentioned shoals, will be found on a N.N.E. and S.S.W. course, passing close westward of the Gas Buoy.

[Variation 19° Westerly in 1890.]

This Notice affects the following Admiralty Plan :—The Traverses, with Plan of Beaujeu Channel West Narrows, No. 318. Also, St. Lawrence Pilot, Vol. I, 1882, pages 270, 271.

No. 361.—NORTH SEA AND BALTIC STATIONS.

NORTH SEA—GERMAN COAST.—RIVER EMS.

(1.) *Intended Electric Light on Borkum Island.*

THE German Government has given notice, that during the summer of 1890, an electric light will be exhibited on Borkum Island, east side of River Ems entrance, about 1,200 yards southward of the principal lighthouse :—

Borkum Island electric light will be a white light, showing a flashing light with four flashes from the bearing of S. 40° E. to S. 58° E ; fixed from S. 58° E. to S. 61° E. (leading through Western Ems) ; a flashing light with one flash from S. 61° E. to S. 68° E. ; a flashing light with two flashes from S. 68° E. to S. 73° E. ; fixed from S. 73° E. to S. 76° E. (leading through Huibert Gat) ; and a flashing light with five flashes from S. 76° E., through east, to N. 86° E. It will be elevated 105 feet above high water, and should be visible in clear weather from a distance of 16 miles.

Approximate position, lat. $53^{\circ} 34' 55''$ N., long. $6^{\circ} 40' E.$

(2.) *Pilsum—Permanent Light Exhibited.*

Also, with reference to Notice to Mariners, No. 189 of 1890, on the exhibition of a light, experimentally, near Pilsum, east side of River Ems entrance :—