

in black and white horizontal bands, and exhibiting a white occulting light showing an eclipse every ten seconds.

Approximate position, lat. $52^{\circ} 47\frac{1}{2}'$ N., long. $2^{\circ} 2\frac{1}{2}'$ E.

3. South Holm Sand Buoy (spherical, surmounted by staff and St. Andrew's Cross) has been replaced by a spherical light-buoy, painted in red and white horizontal bands, and exhibiting a white group flashing light showing two flashes every ten seconds.

Approximate position, lat. $52^{\circ} 27\frac{1}{2}'$ N., long. $1^{\circ} 47\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—Blakeney to Flamborough Head, No. 1190; Orfordness to Blakeney, No. 1630; Yarmouth and Lowestoft Roads, No. 1543. Also, North Sea Pilot, Part III, 1897, pages 182, 221, 251.

No. 699.—MEDITERRANEAN—SARDINIA.

Berni Rocks Light—Temporary Alteration.

The Italian Government has given notice, dated 19th September, 1902, that the light on Berni Rocks (red flashing) having been damaged, will during repairs to the apparatus show fixed red.

Approximate position, lat. $39^{\circ} 7'$ N., long. $9^{\circ} 33\frac{1}{2}'$ W.

Further notice will be given when the flashing light is resumed.

This Notice temporarily affects the following Admiralty Chart:—Sardinia, No. 161a. Also, Lights, Part V, 1902, No. 291a; and Mediterranean Pilot, Vol. I, 1894, page 475.

No. 700.—MEDITERRANEAN—PANTELLARIA.

Punta St. Leonardo—Light Destroyed.

The Italian Government has given notice, dated 19th September, 1902, that the lantern, showing a fixed red light on Punta St. Leonardo, Pantellaria, has been destroyed.

Further notice will be given when the light is re-exhibited.

Approximate position, lat. $36^{\circ} 50\frac{1}{2}'$ N., long. $11^{\circ} 56\frac{1}{2}'$ E.

This Notice affects the following Admiralty Chart:—Mazzara to Palma, No. 186. Also, List of Lights, Part V, 1902, No. 540; and Mediterranean Pilot, Vol. I, 1894, page 327.

No. 701.—BRAZIL—PARÁ RIVER.

Taipu (Gaviotas) Light-Vessel—Temporarily Withdrawn.

Tatuoca Island—Light Exhibited.

The Brazilian Government has given notice that, on 24th August, 1902, the Taipu (Gaviotas) Light-vessel would be temporarily withdrawn for repairs, and that during her absence a light (fixed red) will be exhibited from the Coroa Gaviotas at an elevation of 33 feet above the ground, and will be visible in clear weather from a distance of 5 miles.

Approximate position, lat. $0^{\circ} 36'$ S., long. $48^{\circ} 7'$ W.

Further notice will be given when the light-ship is replaced.

Also, that on 1st September, 1902, a fixed white dioptric light of the 6th order, visible in clear weather from a distance of 12 miles, would be established on Tatuoca Point. The light will

be exhibited, at an elevation of 32 feet above high water, from a white iron structure 24 feet high.

Approximate position, lat. $1^{\circ} 11' 45''$ S., long. $48^{\circ} 30' 30''$ W.

This Notice affects the following Admiralty Charts:—Cabo do Norte to Maranhão, No. 1803; River Pará, No. 2816. Also, List of Lights, Part VII, 1902, No. 32, page 8; South America Pilot, Part I, 1893, pages 481, 486; and Supplement, 1896, to that work, page 21.

No. 702.—ADRIATIC—GULF OF QUARNERO.

Zaglava Rock Light—Temporary Alteration.

The Austro-Hungarian Government has given notice, that towards the end of September the fixed and flashing white light exhibited from Zaglava Rock would, in consequence of repairs being required to its apparatus, be temporarily altered to a fixed white light, visible in clear weather from a distance of 8 miles.

Approximate position, lat. $44^{\circ} 55\frac{1}{2}'$ N., long. $14^{\circ} 17\frac{1}{2}'$ E.

Further notice will be given when the normal character of the light is resumed.

This Notice affects the following Admiralty Chart:—Gulf of Quarnero, No. 2711. Also, List of Lights, Part V, 1902, No. 738; and Mediterranean Pilot, Vol. III, 1899, page 164.

No. 703.—CELEBES, EAST COAST—GULF OF TOMINI.

Kampung Pentadu—Danger Reported in Approach.

The Netherlands Government has given notice, dated 22nd September, 1902, of the existence of a reef, with a depth of three fathoms of water over it, situated with the west extreme of Bitila Island bearing S. 37° E., distant $18\frac{1}{2}$ cables, and the south-east extreme of Tanjong Bululih bearing N. 67° E.

Approximate position, lat. $0^{\circ} 25\frac{1}{2}'$ N., long. $122^{\circ} 5\frac{1}{2}'$ E.

[Variation 2° Easterly in 1902.]

This Notice affects the following Admiralty Chart:—Tilamuta Harbour to Tanjong Tuladenggi, No. 900. Also, Eastern Archipelago, Part II, 1893, page 367.

No. 704.—BLACK SEA—KRIMEA.

Kertch Roads—Dredging Operations.

Buoys Moored—Leading Beacons and Lights.

The Russian Government has given notice, dated 6th September, 1902, that a channel, 18 feet deep and 47 feet broad, is being dredged into a harbour in course of construction at Kertch. The channel, which has a general N.N.W. and S.S.E. direction, is marked by buoys surmounted by red flags, and exhibiting white lights at night.

The eastern side of the channel is indicated by leading marks consisting of 2 columns, each 28 feet high, and surmounted by a flag situated on the north shore of Kertch Roads, and exhibiting at night white fixed lights 49 and 56 feet above the sea respectively.

The front column is situated with Kertch Lighthouse bearing S. 39° W., distant $10\frac{1}{2}$ cables, and the Coastguard Station bearing S. 71° E.