

NOTICES TO MARINERS.

(Nos. 509 to 539 of the year 1903.)

[The bearings are magnetic, and those concerning the visibility of lights are given from seaward.]

No. 509.—RED SEA—SUEZ BAY.

Kal ah Kebireh Shoal—Beacons Constructing.

The Egyptian Government has given notice, dated 14th May, 1903, that beacons are being constructed on the north, south, and west sides of Kal ah Kebireh Shoal, Suez Bay, from each of which it is intended to exhibit a light of a distinctive character.

The lights exhibited from the present beacon will be discontinued.

Approximate position, lat. $29^{\circ} 54\frac{3}{4}'$ N., long. $32^{\circ} 31\frac{3}{4}'$ E.

Further notice will be given when this alteration has been made.

This Notice affects the following Admiralty Charts:—Gulf of Suez, No. 757; Suez Bay, No. 734. Also, List of Lights, Part V, 1903, No. 1340; Part VI, 1903, No. 165; and Red Sea and Gulf of Aden Pilot, 1900, page 89.

No. 510.—UNITED STATES, ATLANTIC COAST—LONG ISLAND SOUND.

Cornfield Point Light-Vessel—Temporarily Replaced.

The United States Government has given notice that, on or about the 8th June, 1903, the Cornfield Point Light-vessel (No. 48), moored in Long Island Sound to the southward of Long Sand Shoal, would be withdrawn for repairs and replaced by a relief light-vessel.

The relief light-vessel has two masts and exhibits a white fixed light from the foremast and a red fixed light from the mainmast, the day mark at each masthead being painted in red and white vertical stripes, an oval day mark, painted in a similar manner, being suspended between the two masts. The hull from the bow to the foremast and from the stern to the mainmast is painted red, the remaining part white; "Relief" is painted in black letters on each side, and "No. 20" on each bow and quarter, and also on the day mark between the masts.

During thick or foggy weather a bell will be sounded by hand instead of a steam whistle.

Approximate position, lat. $41^{\circ} 13'$ N., long. $72^{\circ} 22'$ W.

Further notice will be given when the Cornfield Light-vessel is again in position.

This Notice temporarily affects the following Admiralty Charts:—Nantucket Island to Great Egg Harbour, No. 2480; Long Island Sound, No. 2754. Also, List of Lights, Part VIII, 1903, No. 868; and Sailing Directions for the East Coast of the United States, 1899, pages 436, 437.

No. 511.—BRAZIL—RIO JANEIRO COAST.

Santa Anna Island Permanent Light—Re-exhibited.

With reference to Notice to Mariners No. 34 of 1903:—

The Brazilian Government has given further notice, dated 12th May, 1903, that the permanent light (red and white flashing) on Santa Anna Island is again exhibited after repairs and the temporary light discontinued.

Approximate position, lat. $22^{\circ} 26\frac{1}{4}'$ S., long. $41^{\circ} 42'$ W.

Santa Anna Island light exhibits the characteristics given in the Admiralty List of Lights, Part VII, 1903, No. 84a.

This Notice affects the following Admiralty Charts:—Victoria to Santa Catharina, No. 530; Cape St. Thomé to Guaratiba Point, No. 3107. Also, List of Lights, Part VII, 1903, No. 84a; and South America Pilot, Part I, 1902, page 182.

No. 512.—BRAZIL—SAN PAULO STATE.

Bom Abrigo Permanent Light Re-exhibited.

With reference to Notice to Mariners No. 912 of 1902:—

The Brazilian Government has given notice, dated 14th May, 1903, that the permanent light (group flashing) is again exhibited from Bom Abrigo Island Lighthouse after repair, and the temporary light discontinued.

Approximate position, lat. $25^{\circ} 6\frac{1}{2}'$ S., long. $47^{\circ} 52\frac{1}{2}'$ W.

Bom Abrigo Light shows the characteristics given in the Admiralty List of Lights, Part VII, 1903, No. 94.

This Notice affects the following Admiralty Chart:—Victoria to Santa Catharina, No. 530. Also, List of Lights, Part VII, 1903, No. 94; and South America Pilot, Part I, 1902, page 216.

No. 513.—BRAZIL—RIO GRANDE DO NORTE STATE.

Mel Point Light—Under Repair, Temporary Light.

The Brazilian Government has given notice that, on 25th May, 1903, the fixed and flashing light on Mel Point would be discontinued for repairs, and a white fixed light temporarily exhibited in its place.

Approximate position, lat. $4^{\circ} 58\frac{1}{2}'$ S., long. $36^{\circ} 53\frac{1}{2}'$ W.

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

This Notice temporarily affects the following Admiralty Charts:—Rio Mossoro to St. Roque Channel, No. 888. Also, List of Lights, Part VII, 1903, No. 60; and South America Pilot, Part I, 1902, page 474.

No. 514.—ENGLAND—WEST COAST.

Barrow-in-Furness—Buoyage Altered.

The Harbour Master at Barrow has given notices of the following alterations in the buoyage in the approach to Barrow-in-Furness and Piel Anchorage:—

1. The black can buoy, known as "Half-way Buoy," situated $17\frac{1}{2}$ cables S. 47° W. from Walney Lighthouse, has been replaced by a light-buoy exhibiting a white fixed light.

2. A black can buoy, marked "Bar Outer Buoy" in white letters, has been moored about 200 feet to the westward of the leading lights, No. 1 and 2, in line, with Walney Lighthouse bearing N. 37° E., distant 10 cables.

Approximate position, Walney Lighthouse, lat. $54^{\circ} 3'$ N., long. $3^{\circ} 10\frac{1}{2}'$ W.

3. The mooring buoy, about 2 cables N. 58° E. from Ridge Point, Piel Island, has been permanently withdrawn.

[Variation 18° Westerly in 1903.]

This Notice affects the following Admiralty Charts:—Morecambe Bay, No. 2010; Barrow Harbour, No. 3164. Also, Sailing Directions for the West Coast of England, 1902, pages, 407, 408.