

sectors:—green from the bearing of N. 9° E., through east, to S. 21° E., red from S. 21° E., through south and west, to N. 81° W., and obscured in other directions; it will be elevated 7 feet above the sea and visible from a distance of 3 miles, and shown from an iron pole erected in a depth of 7 feet near the north-western edge of the shoal, 4 miles N. 69° E. from Stavereby Church.

3. Stenhage Light will be an occulting dioptric light every two seconds, showing the following sectors:—green from S. 9° W., through west, to N. 81° W., red from N. 81° W., through north and east, to S. 81° E., and obscured in other directions: it will be elevated 7 feet above the sea, visible from a distance of 3 miles, and shown from an iron post erected in a depth of 9 feet on the south-eastern side of the shoal at a distance of $3\frac{7}{10}$ miles N. 70° E. from Stavereby Church.

Approximate position, Stavereby Church, lat. $55^{\circ} 4\frac{3}{4}'$ N., long. $12^{\circ} 7'$ E.

[Variation 9° Westerly in 1903.]

This Notice affects the following Admiralty Charts:—Femern to Bornholm, No. 2150; Grön Sound to Stor Ström, No. 2138. Also, List of Lights, Part III, 1903, page 78; and Baltic Pilot, Part I, 1895, page 280.

No. 656.—UNITED STATES—ATLANTIC COAST, CONNECTICUT.

New London Harbour—Fog Signal Altered.

The United States Government has given notice that, on 1st August, 1903, the fog trumpet at New London Harbour Lighthouse would be replaced by a siren, worked by compressed air, on the top of the light tower. During thick or foggy weather this siren will give one blast every thirty-three seconds, thus:—blast, three seconds; silent interval, thirty seconds.

Approximate position, lat. $41^{\circ} 19'$ N., long. $72^{\circ} 5\frac{1}{2}'$ W.

This Notice affects the following Admiralty Charts:—Long Island Sound, No. 2754; New London Harbour, No. 2471. Also, List of Lights, Part VIII, 1903, No. 854; and Sailing Directions for the East Coast of the United States, 1899, page 435.

No. 657.—NORTH SEA NETHERLANDS, TEXEL.

Kykduin Light—Character Altered.

With reference to Notice to Mariners No. 177 of 1903:—

The Netherlands Government has given further notice that, on 6th August, 1903, the character of Kykduin Light would be altered to a white group flashing light of the 1st order, showing groups of two flashes every ten seconds, thus:—flash, one quarter of a second; eclipse, one and three quarter seconds; flash, one quarter of a second; eclipse, seven and three quarter seconds. It would be visible in clear weather from a distance of 20 miles. On the same date the temporary group flashing white light of the same description as the above, would be discontinued.

Approximate position, lat. $52^{\circ} 57'$ N., long. $4^{\circ} 44'$ E.

This Notice affects the following Admiralty Charts:—North Sea, Nos. 2339, 2182a; Scheveningen to Ameland, No. 2322; Texel, No. 124. Also, List of Lights, Part II, 1903, No. 203; and North Sea Pilot, Part IV, 1901: pages 149, 150.

No. 658.—CHILE—QUINTERO BAY.

Estrella and Cochrane Rocks—Ledges Extending from.

The Chilean Government has given notice, dated 15th June, 1903, that a rocky ledge extends three-quarters of a cable south-eastward from Estrella Rock, Quintero Bay, at the extremity of which there is a depth of 6 feet situated with Durazno Rock bearing S. 36° W., distant $1\frac{1}{2}$ cables, and Liles Point N. 70° W. Between this rock and Estrella Rock there is a patch of $2\frac{1}{2}$ fathoms.

Approximate position, lat. $32^{\circ} 45\frac{1}{2}'$ S., long. $71^{\circ} 32'$ W.

Also, that a rocky ledge with depths over it of between 3 and 5 fathoms extends for a distance of 2 cables N. 7° E. from Cochrane Rock.

[Variation 15° Easterly in 1903.]

This Notice affects the following Admiralty Chart:—Horcon and Quintero Bays on Sheet No. 1300. Also, South America Pilot, Part II, 1895, page 394.

No. 659.—ENGLAND, WEST COAST—HOLYHEAD HARBOUR.

Clipera Rocks Bell Buoy—Replaced by a Light and Bell Buoy.

With reference to Notice to Mariners No. 579 of 1903:—

The Trinity House, London, has given further notice, dated 7th August, 1903, that the black bell buoy moored off the western edge of Clipera Rocks, about $6\frac{3}{4}$ cables East from Holyhead Breakwater Lighthouse, has been replaced by a can-shaped bell buoy without a topmark, painted in black and white vertical stripes, and marked "Clipera," exhibiting a white occulting light every ten seconds.

Approximate position, lat. $53^{\circ} 20'$ N., long. $4^{\circ} 36'$ W.

[Variation 18° Westerly in 1903.]

This Notice affects the following Admiralty Charts:—Irish Channel, 1825b; New Quay to Holyhead, No. 1411; Holyhead to Great Ormes Head, No. 1170a; Holyhead Bay, No. 1413; Holyhead Harbour, No. 2011. Also, Sailing Directions for the West Coast of England, 1902, page 307.

No. 660.—ENGLAND—SOUTH COAST.

Dover Pier Works Light Vessel—Intended Alteration in Position of.

With reference to Notice to Mariners No. 488 of 1902:—

Information, dated 30th July, 1903, has been received from the Trinity House, London, that it is intended to move the Pier Works Light-Vessel at Dover, exhibiting a white flashing light, $1\frac{2}{10}$ cables S. 87° E. from the present position as shown on the Chart. During the time that the permanent moorings are being laid down in the new position, the light-vessel will be temporarily moored at a distance of $8\frac{8}{10}$ cables S. 73° E. from the turret on the Admiralty Pier, or about one cable S. 73° E. from the new position she will eventually occupy.

Approximate position, lat. $51^{\circ} 6\frac{3}{4}'$ N., long. $1^{\circ} 20\frac{1}{2}'$ E.

[Variation 15° Westerly in 1903.]

Further notice will be given as necessary.

This Notice affects the following Admiralty Chart:—Dover Bay, No. 1698. Also, List of Lights, Part I, 1903, No. 187; and Channel Pilot, Part I, 1900, page 329.