

Scotch Education Department, Peter Moncur Inglis, Clerk of the Second Division, from the Local Government Board (England).

Post Office, John Herbert Tyrer, Boy Clerk, from the Registrar-General's Office (England).

NOTICES TO MARINERS.

(Nos. 175 to 183 of the year 1897.)

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

No. 175.—CANARY ISLES.

Gran Canaria—Position of Puerto de la Luz Breakwater Light.

INFORMATION has been received from Commander M. H. Smyth, Her Majesty's surveying-vessel "Egeria," that on 18th February, 1897, the light (fixed green), at the extremity of Puerto de la Luz east breakwater, shifted outwards as the works progress, was situated in a position with the centre of La Luz Castle bearing north, distant $6\frac{1}{2}$ cables; and centre of Sta. Catalina Castle S. 70° W.

Approximate position, lat. $28^\circ 8' 50''$ N., long. $15^\circ 25' 10''$ W.

This light is reported to be dim.

[Variation 18° Westerly in 1897.]

This Notice affects the following Admiralty Plan:—Las Palmas Bay, No. 578. Also, List of Lights, Part IV, 1897, No. 535; Africa Pilot, Part I, 1890, page 127; and Supplement, 1896, relating to that work, page 12.

No. 176.—AFRICA—EAST COAST.

Birikau River (Port Durnford)—Beacons at Entrance.

INFORMATION has been received that the undermentioned two pairs of beacons have been erected on either side of the entrance to Birikau River to facilitate the navigation over the bar:—

Each beacon consists of an iron framework, 8 or 9 feet high, surmounted by a white triangle.

1. Yunda Point Beacons.—The front beacon is situated on the coast, with Birikau flagstaff bearing N. 63° W., distant $9\frac{1}{2}$ cables; and centre of Kuapisi Island S. 54° W.

Approximate position, lat. $1^\circ 13' 20''$ S., long. $41^\circ 51' 10''$ E.

The rear beacon bears N. 27° W., distant 110 yards from the front beacon.

2. Birikau Beacons.—The front beacon is situated with Birikau flagstaff bearing S. 20° W., distant about half a cable; and Yunda Point S. 55° E.

The rear beacon bears N. 47° W., distant 540 yards, from the front beacon.

CAUTION.—It is not known whether proper supervision over these beacons can be carried out. [Variation 7° Westerly in 1897.]

This Notice affects the following Admiralty Plan:—Birikau River, No. 425. Also, Africa Pilot, Part III, 1889, pages 431, 432; and Revised Supplement, 1895, relating to that work, page 142.

No. 177.—UNITED STATES—TEXAS.

Galveston Bay—Alteration in Position of Light-vessel.

THE United States Government has given notice that, on 31st March, 1897, the light-vessel (fixed red light) at the entrance to Galveston Bay will be moved about E. by S. $\frac{1}{2}$ S., a distance of about 8 cables from her present position, into a depth of 24 feet at low water.

Approximate position, lat. $29^\circ 20' 35''$ N., long. $94^\circ 42' 10''$ W.

This Notice affects the following Admiralty Chart:—Galveston Bay, with Plan of Entrance, No. 2831. Also, List of Lights, Part VIII, 1897, No. 970; West India Pilot, Vol. I, 1893, page 515; and Hydrographic Notice, No. 2 of 1896, relating to that work, page 37.

No. 178.—NORTH SEA.

Sunken Wreck Northward of Swarte Bank.

INFORMATION has been published in the Shipping Gazette that the Master of the steam-vessel "Echo" reports having passed, in lat. $53^\circ 37'$ N., long. $1^\circ 57'$ E., a ship's mast with much rigging attached, showing about 12 feet above water.

This Notice temporarily affects the following Admiralty Charts:—North Sea, Nos. 2339, 2182a. Also, North Sea Pilot, Part IV, 1892, pages 32–35.

No. 179.—NORTH SEA—NETHERLANDS.

(1.) *Slyk Gat—No. 4 Black Buoy replaced by Gas Buoy.*

THE Netherlands Government has given notice, dated 19th March, 1897, that No. 4 Buoy (can, black, &c.), on the north side of the Slyk Gat, has been replaced by a light buoy, painted black, marked "S. G. No. 4," and showing an occulting white light every ten seconds, thus:—light, seven seconds; eclipse, three seconds.

Approximate position, lat. $51^\circ 51'$ N., long. $3^\circ 57' 50''$ E.

(2.) *Goeree Island—Scherm Beacon blown down.* Also, that the Scherm Beacon, northern side of Goeree, has been blown down and it will not be re-erected.

Approximate position, lat. $51^\circ 50'$ N., long. $3^\circ 56' 45''$ E.

This Notice affects the following Admiralty Chart:—Mouths of the Maas, No. 122. Also, North Sea Pilot, Part IV, 1892, pages 131, 126.

No. 180.—UNITED STATES—SOUTH CAROLINA.

Charleston Harbour—Alteration in Colour of Shutes Folly Island Light.

THE United States Government has given notice that, on 12th March, 1897, the light, No. 3, at the northern end of the shoals off Shutes Folly Island, was altered in colour from fixed white to fixed red.

Approximate position, lat. $32^\circ 47' 0''$ N., long. $79^\circ 54' 40''$ W.

This Notice affects the following Admiralty Charts:—St. Helena Sound to Charleston Harbour, &c., No. 2861; Charleston Harbour, No. 2806. Also, List of Lights, Part VIII, 1897, No. 872g; and Sailing Directions for the Principal Ports on the East Coast of the United States, 1882, page 192.

No. 181.—FRANCE—NORTH COAST.

Temporary Additional Light at Gravelines Principal Lighthouse.

WITH reference to Notice to Mariners No. 750 of 1896, on the re-exhibition of Gravelines principal light after alterations, and the discontinuance of the provisional light:—

The French Government has given further notice that, on 12th March, 1897, the provisional light (fixed white; visible from N. 61° E., through east and south, to S. 22° W.; and illuminating power of 8 becs Carcel, or 80 candles) was re-exhibited, as a temporary light, in addition to the principal light, from the upper gallery of the Gravelines principal lighthouse.