

Remarks.—The characteristics of this light are as described in the Admiralty List of Lights, Part I, 1909, No. 20.

Chart affected.—No. 442, Lizard Head to Start Point.

Authority.—Hydrographic Office.

No. 452.—NORTH SEA—NETHERLANDS.

*Intended Alteration in Time-Signals.*

Subject.—On the 1st May, 1909, the time of making the time-signals at the undermentioned places will be altered as follows:—

1. Flushing (Vlissingen):

Position of signal.—Lat.  $51^{\circ} 26\frac{1}{2}'$  N., long.  $4^{\circ} 35\frac{3}{4}'$  E.

Alteration.—The signal will be made at 0h. 0m. 0s. Amsterdam mean time, corresponding to 23h. 40m. 28s. Greenwich mean time, instead of at local mean noon as at present.

2. Rotterdam:

Position of signal.—Lat.  $51^{\circ} 54\frac{3}{4}'$  N., long.  $4^{\circ} 29\frac{3}{4}'$  E.

Alteration.—The signal will be made at 0h. 0m. 0s. Amsterdam mean time, corresponding to 23h. 40m. 28s. Greenwich mean time, instead of at local mean noon as at present.

3. Amsterdam:

Position of signal.—Lat.  $52^{\circ} 22\frac{1}{4}'$  N., long.  $4^{\circ} 54\frac{3}{4}'$  E.

Alteration.—The signal will be made at 0h. 0m. 0s. Amsterdam mean time, corresponding to 23h. 40m. 28s. Greenwich mean time.

4. Willemsoord:

Position of signal.—Lat.  $52^{\circ} 57\frac{3}{4}'$  N., long.  $4^{\circ} 46\frac{1}{2}'$  E.

Alteration.—The signal will be made at 0h. 0m. 0s. Amsterdam mean time, corresponding to 23h. 40m. 28s. Greenwich mean time, instead of at local mean noon as at present.

Remarks.—Recent investigations place the meridian of Amsterdam (west tower of Wester Kirk) in  $4^{\circ} 53' 1.5''$  E. of Greenwich.

Charts affected.—No. 1206, Flushing Road (1); No. 124, Texel (4); No. 122, Mouths of the Maas (2); No. 2322, Scheveningen to Ameland (3).

Publications.—List of Time Signals, 1908, Nos. 73, 74, 75, 76; North Sea Pilot, Part IV, 1901, pages 104, 135, 144, 155.

Authority.—Hague Notice No. 441 of 1909.

No. 453.—MEDITERRANEAN—SPAIN, EAST COAST.

*La Laja Shoal—Buoy Disappeared.*

Subject.—The bell-buoy, marking La Laja Shoal, north-eastward of Grosa Island, has disappeared.

Position.—Lat.  $37^{\circ} 43\frac{3}{4}'$  N., long.  $0^{\circ} 41\frac{1}{4}'$  W.

Remarks.—This buoy will be replaced as soon as practicable.

Charts temporarily affected.—No. 1458, Plan of Estacio and Grosa Island Roads; No. 1372 Cartagena to Cape San Antonio; No. 2717, Gibraltar to Alicante; No. 1766, Cape Ferrat to Cape Bougaroni.

Publication.—Mediterranean Pilot, Vol. I, 1904, page 150.

Authority.—Lloyds, 22nd March, 1909.

No. 454.—CANADA, GULF OF ST. LAWRENCE—ANTICOSTI ISLAND

*Heath Point Light—Character Altered.*

Subject.—The white fixed light formerly shown from Heath Point Lighthouse, Anticosti Island, has been replaced by a light of the undermentioned character.

Position.—Lat.  $49^{\circ} 5' N.$ , long.  $61^{\circ} 42\frac{1}{4}' W.$

Character.—Flashing white every seven and a half seconds, thus:—Flash,  $\frac{3}{10}$  seconds, eclipse,  $7\frac{3}{10}$  seconds.

Elevation.—130 feet.

Visibility 17 miles.

Structure.—The tower has been increased in height, and is now 133 feet from base to vane. It is painted, as formerly, white with a red horizontal band, and is surmounted by a red cylindrical lantern.

Order.—1st. Dioptric.

Remarks.—The arc of visibility is presumed to be the same as that of the former light.

Charts affected.—No. 308, Plan of East Cape; No. 1621, Entrance to the River St. Lawrence; No. 2516, Gulf of St. Lawrence.

Publications.—List of Lights, Part VIII, 1909, No. 363; St. Lawrence Pilot, 1906, page 71; Supplement, 1909.

Authority.—Canadian Hydrographer, 10th March, 1909.

No. 455.—FRANCE—NORTH COAST.

*Roches de Porsal—Buoy Disappeared.*

Subject.—The black spar buoy with cylindrical topmark, marking the western edge of Roches de Porsal, has disappeared.

Position.—Lat.  $48^{\circ} 35\frac{1}{4}' N.$ , long.  $4^{\circ} 46\frac{1}{4}' W.$

Charts affected.—No. 2644, Ile d'Ouessant to Plateau des Roches Douvres; No. 2643, Ras de Sein to Goulven; No. 2675a, English Channel, western sheet.

Publication.—Channel Pilot, Part II, 1906, page 38.

Authority.—Paris Notice, No. 439 of 1909.

No. 456.—SOUTH ATLANTIC OCEAN—ST. HELENA ISLAND.

*Rupert Bay—Buoy Withdrawn.*

Subject.—The southern of the two telegraph cable buoys in Rupert Bay, St. Helena Island, has been withdrawn.

Position.—At a distance of  $2\frac{3}{10}$  cables, N.  $4^{\circ} W.$ , from the northern extreme of Munden Point; lat.  $15^{\circ} 54\frac{3}{4}' S.$ , long.  $5^{\circ} 42\frac{1}{2}' W.$

Variation.— $24^{\circ} W.$

Chart affected.—No. 1771, Island of St. Helena.