

Breakwater Lighthouse; lat.  $35^{\circ} 54'$  N., long.  $14^{\circ} 31\frac{1}{2}'$  E.

Character.—Two fixed green lights, placed vertically.

Remarks.—These lights will be exhibited until the lighthouse on the breakwater is completed.

Note.—The note on the charts, relating to the lights on the staging of the breakwater works, should be expunged.

Variation.— $7^{\circ}$  W.

Charts affected.—No. 3707, Grand Harbour, mooring sheet; No. 974, Valetta Harbours; No. 2063, Malta Island, northern portion; No. 2628, Malta Island, south-east portion; No. 194, Malta and Gozo Islands.

Publications.—List of Lights, Part V, 1909, page 105 and No. 540; Mediterranean Pilot, Vol. I, 1904, page 417; Supplement, 1908.

Authority.—King's Harbour Master, Malta, 7th December, 1909.

#### No. 2000.—BRAZIL, SOUTH-EAST COAST.

*São-Francisco River Entrance—Buoys Established.*

Subject.—The undermentioned buoys have been established in the entrance to the São-Francisco River, in the positions given below.

1. Position.—At a distance of  $8\frac{2}{5}$  cables, N.  $4^{\circ}$  W., from Samidoro Point Lighthouse, and N.  $66^{\circ}$  W. from Paz Lighthouse; lat.  $26^{\circ} 9\frac{1}{2}'$  S., long.  $48^{\circ} 34\frac{3}{4}'$  W.; conical red buoy.

2. Position.—At a distance of  $16\frac{1}{5}$  cables, N.  $48^{\circ}$  E., from Samidoro Point Lighthouse, and N.  $51^{\circ}$  W. from Paz Lighthouse; conical black buoy.

Variation.— $3^{\circ}$  W.

Charts affected.—No. 550, São-Francisco River; No. 3326, Bom Abrigo Island to Arvoredo Island.

Publication.—South America Pilot, Part I, 1902, page 222.

Authority.—Rio Notice, No. 15 of 1909.

#### No. 2001.—AFRICA, EAST COAST.

*Juba River—Entrance Closed.*

Subject.—The entrance to the Juba River, as at present shown on the charts, is completely closed.

Position.—Lat.  $0^{\circ} 14\frac{3}{4}'$  S.; long.  $42^{\circ} 38\frac{1}{2}'$  E.

Remarks.—A new entrance, subject to continual change, is in course of formation through the sandspit, at a distance of about  $11\frac{1}{2}$  cables, south-westward, from the former entrance.

Charts affected.—No. 671, Plan of Juba River Entrance; No. 670, Juba or Dundas Islands.

Publication.—Africa Pilot, Part III, 1905, page 511.

Authority.—Genoa Notice, No. 276 (41) of 1909.

#### No. 2002.—NOVA SCOTIA—SOUTH-EAST COAST.

*Sheet Rock—Occasional Fog-Signal Established.*

Subject.—An occasional band fog-horn signal has been established at Sheet Rock Lighthouse.

Position.—Lat.  $44^{\circ} 50'$  N., long.  $62^{\circ} 29'$  W.

Remarks.—Used in thick weather for answering steamers' signals.

Charts affected.—No. 2807, Sheet and Mushboon Harbours, &c.; No. 2396, Pope Harbour to Liscomb Harbour; No. 729, Sambro Island to Cape Canso.

Publications.—List of Lights, Part VIII, 1909, No. 602; South-East Coast of Nova Scotia and Bay of Fundy, 1903, page 87.

Authority.—Ottawa Notice, No. 304 of 1909.

#### No. 2003.—CANADA, NOVA SCOTIA—CAPE BRETON ISLAND.

*L'Ardoise—Amended Positions of Leading Lights.*

Subject.—The fixed red leading lights recently established at L'Ardoise, Cape Breton Island, are situated as undermentioned, and not as stated in a former Notice.

(a) Front Light:

Position.—On the beach, with the Roman Catholic Chapel bearing N.  $29^{\circ}$  W., distant  $13\frac{3}{5}$  cables, and Red Point, S.  $26^{\circ}$  W.; lat.  $45^{\circ} 36'$  N., long.  $60^{\circ} 44\frac{1}{2}'$  W.

(b) Rear Light:

Position.—At a distance of about  $1\frac{1}{2}$  cables, N.  $67^{\circ}$  E., from the front light.

Remarks.—These lights in line, bearing N.  $67^{\circ}$  E., lead into L'Ardoise Harbour clear of the shoals at the entrance, and at a distance of about 200 feet north-westward from the end of a breakwater extending about  $2\frac{1}{2}$  cables westward from Martin Point.

Variation.— $23^{\circ}$  W.

Charts affected.—No. 2342, Gut of Canso; No. 2758, Bras d'Or Lake; No. 2727, Cape Breton Island.

Publications.—List of Lights, Part VIII, 1909, page 111; St. Lawrence Pilot, 1906, page 353; Notice to Mariners, No. 1254 of 1909.

Authority.—Department of Marine and Fisheries, Ottawa.

#### No. 2004.—BALTIC—LIBAU APPROACH.

*Libau Light-Vessel—Experimental Light-and-Whistle Buoy Withdrawn.*

Subject.—The light-and-whistle buoy experimentally established near the Libau Light-Vessel has been withdrawn.

Position.—At a distance of 8 cables, N.  $56^{\circ}$  E., from the light-vessel; lat.  $56^{\circ} 33'$  N., long.  $20^{\circ} 52\frac{1}{4}'$  W.

Variation.— $5^{\circ}$  W.

Chart affected.—No. 2371, Memel to Libau.

Publications.—Baltic Pilot, Part II, 1904, page 234; Notice to Mariners, No. 1327 of 1909.

Authority.—St. Petersburg Notice, No. 369 of 1909.

#### No. 2005.—MEDITERRANEAN—ITALY, WEST COAST.

*Civita Vecchia Light—Alteration in Character.*

Subject.—The fixed and flashing white light exhibited from the lighthouse on Civita Vecchia Breakwater has been altered, and is now of the undermentioned character.