

shortly replaced by a plain iron pole beacon with cage topmark.

Position.—Lat.  $57^{\circ} 1\frac{1}{2}'$  N., long.  $5^{\circ} 45\frac{1}{2}'$  W.

Charts affected.—No. 3510, Inverie Bay and Approach; No. 2496, Sleat Sound; No. 2507, Ardnamurchan Point to Loch Bhreathal.

Publications.—Sailing Directions for West Coast of Scotland, 1902, page 274; and Supplement, 1906.

Authority.—Board of Trade, 18th August, 1908.

#### No. 1347.—BALTIC—GULF OF FINLAND—ST. PETERSBURG BAY.

##### *Kronstadt, South Channel—Leading Lights Established.*

Subject.—Leading lights have been established at Kronstadt as undermentioned.

1. At entrance to the Coasting Vessels' Harbour.

(a) Front light.

Position.—On head of western mole; lat.  $59^{\circ} 59'$  N., long.  $29^{\circ} 45'$  E.

Character.—White and red alternating.

Arc of visibility.—All around the horizon.

(b) Rear light.

Position.—On head of eastern mole of same harbour at a distance of about  $\frac{1}{3}$  of a cable N.  $89^{\circ}$  E. from the front light.

Character.—White and red alternating.

Arc of visibility.—From S.  $87^{\circ}$  E., through east, to N.  $84^{\circ}$  E.

Remarks.—These lights in line, bearing N.  $89^{\circ}$  E., lead through the fairway from the line of Kronslot leading lights to the line of the leading lights, mentioned below.

2. Southward of Middle Harbour.

(a) Front light.

Position.—On mole, near north-west angle of Military Harbour, with Foundry Chimney bearing N.  $19^{\circ}$  E., distant  $4\frac{2}{10}$  cables, and northern extreme of Fort Nikolai, N.  $76^{\circ}$  W.; lat.  $59^{\circ} 58\frac{1}{2}'$  N., long.  $29^{\circ} 46\frac{3}{4}'$  E.

Character.—Red and green alternating.

Arc of visibility.—From S.  $69^{\circ}$  E., through east and north, to N.  $12^{\circ}$  W.

(b) Rear light.

Position.—On mole, near north-west angle of Military Harbour, at a short distance, S.  $71^{\circ}$  E., from the front light.

Character.—Red and green alternating.

Arc of visibility.—From S.  $70^{\circ}$  E. to S.  $75^{\circ}$  E.

Remarks.—These lights in line, bearing S.  $71^{\circ}$  E., lead through the fairway from the line of the leading lights at the entrance to the Coasting Vessels' Harbour, until abreast of the entrance to Middle Harbour.

Note.—The period of these lights is irregular, the interval between the changes in colour varying from two seconds to thirty seconds, according to the state of the weather.

Variation.— $1^{\circ}$  E.

Charts affected.—No. 2215, Kronstadt, with plan; No. 2279, St. Petersburg Bay.

Publications.—List of Lights, Part III, 1908, page 171; Baltic Pilot, Part II, 1904, page 307.

Authority.—St. Petersburg Notices, Nos. 181 and 229 of 1908.

#### No. 1348.—BLACK SEA—KHERSON BAY APPROACH AND BUG RIVER ENTRANCE.

##### *Buoys to be Replaced by Light-Buoys.*

Subject.—The undermentioned buoys, situated in Kherson Bay Approach and at the entrance to Bug River, will very shortly be withdrawn and

replaced by light-buoys of the descriptions given below.

1. The red bell-buoy marking Trutaeva Bank.

Position.—On southern side of bank, at a distance of  $1\frac{1}{2}$  miles, S.  $33^{\circ}$  W., from Karabusha Coastguard Station; lat.  $46^{\circ} 35\frac{1}{2}'$  N., long.  $31^{\circ} 15'$  E.

New Buoy.—Light and bell buoy, painted red, exhibiting a red fixed light.

2. The red conical buoy with spherical topmark marking the shoal extending from Berezan Island.

Position.—On southern edge of shoal, at a distance of about 4 cables, S.  $20^{\circ}$  E., from Berezan Island Beacon; lat.  $46^{\circ} 35\frac{1}{2}'$  N., long.  $31^{\circ} 25'$  E.

New Buoy.—Light and bell buoy, painted red, exhibiting a red group occulting light every 18 seconds, thus:—Light, 2 seconds; eclipse, 1 second; light, 2 seconds; eclipse, 1 second; light, 6 seconds; eclipse, 6 seconds.

3. The light-buoy, painted red, exhibiting a red fixed light, at the junction of the 3rd and 4th reaches of the Ochakov Dredged Channel.

Position.—Situating at a distance of  $7\frac{1}{2}$  cables, S.  $36^{\circ}$  E., from Sari Kamishi Beacon; lat.  $46^{\circ} 37\frac{3}{4}'$  N., long.  $32^{\circ} 54'$  E.

New Buoy.—Light-buoy with pyramidal tower, painted red, exhibiting a red group occulting light every 11 seconds, thus:—Light, 2 seconds; eclipse, 1 second; light, 4 seconds; eclipse, 4 seconds.

Variation.— $1^{\circ}$  W.

Charts affected.—No. 2378, Bug River; No. 2379, Kherson Bay; No. 603, Cape Fontana to Tendra Peninsula; No. 2380, Southern Approach to Kherson Bay.

Publications.—Black Sea Pilot, 1908, pages 177, 183; Notice to Mariners, No. 1061 of 1908.

Authority.—Sevastopol Notice, No. 54 of 1908.

#### No. 1349.—MEDITERRANEAN, FRANCE—TOULON APPROACH.

##### *Cape Sépét—Re-Exhibition of Light.*

Subject.—On or about 1st September, 1908, Cape Sépét Light (white group flashing) will be re-exhibited, and the red fixed provisional light will be discontinued.

Position.—Lat.  $43^{\circ} 4'$  N., long.  $5^{\circ} 57'$  E.

Character.—White group flashing, showing groups of three flashes every 15 seconds, thus:—Flash, 1 second; eclipse,  $2\frac{4}{10}$  seconds; flash, 1 second; eclipse,  $2\frac{4}{10}$  seconds; flash, 1 second; eclipse,  $7\frac{2}{10}$  seconds.

Visibility.—23 miles.

Power.—Increase to 18,000 candles.

Remarks.—In other respects there is no alteration.

Charts affected.—No. 151, Toulon; No. 2608, Approaches to Toulon; No. 2607, Marseille to Agay Road.

Publications.—List of Lights, Part V, 1908, No. 209; Mediterranean Pilot, Vol. II, 1905, page 72; Notices to Mariners, No. 918 of 1907 and 832 of 1908.

Authority.—Paris Notice, No. 1484 of 1908.

#### No. 1350.—NORTH SEA—NETHERLANDS

##### *Ameland—Wreck Northward of.*

Subject.—A sunken wreck of the under-mentioned description is reported to exist to the northward of Ameland.

Position.—Lat.  $53^{\circ} 41'$  N., long.  $5^{\circ} 40'$  E.