

b. No. 3, a white cylindrical mooring buoy, situated at a distance of 2 cables, S. 34° W., from the above lighthouse.

c. No. 4, a white cask mooring buoy, situated at a distance of  $2\frac{3}{16}$  cables, S. 55° W., from the above lighthouse.

d. A small red cask buoy, situated at a distance of 3 cables, S. 72° W., from the above lighthouse.

Approximate position of Breakwater Lighthouse, lat. 37° 59½' N., long. 13° 43' E.

[Variation 9° Westerly in 1907.]

This Notice affects the following Admiralty Charts:—Plan of Termini Imerese on Chart No. 170. Also, Mediterranean Pilot, Vol. I, 1904, page 533.

#### No. 1879.—BAL TIC—SWEDEN, SOUTH-EAST COAST,

##### *Umeå Approach—Amended Details of Lights.*

With reference to Notice to Mariners No. 1669 of 1907:—

The Swedish Government has given further notice, dated 4th December, 1907, with regard to the undermentioned lights, recently established in the approach to Umeå:—

a. FIÄRDGRUND LIGHT shows white group flashing (two flashes) from the bearing N. 49° W. to N. 26° W.; white occulting every fifteen seconds from N. 26° W. to N. 22° W.; white flashing from N. 22° W. to N. 14° W.; green fixed from S. 79° E. to S. 65° E.; red fixed from S. 65° E. to S. 55° E., and obscured in other directions.

The light is shown from a white tower, 69 feet in height, at an elevation of 59 feet above the sea, and should be visible in clear weather from a distance of 13 miles.

Approximate position, lat. 63° 40¼' N., long. 20° 21½' E.

b. BREDSKÄR LEADING LIGHTS (unwatched).—The outer light, occulting every four seconds, shows white from the bearing N. 46° W. to N. 26° W. (viz., for 10° on each side of the leading line); green from S. 2° E., through south, to S. 5° W.; white from S. 5° W. to S. 8° W.; red from S. 8° W. to S. 26° W., and obscured in other directions.

The light, which is dioptric of the 4th order, is shown from a white octagonal hut, 3 feet in height, at an elevation of 11 feet above the sea.

The white, red, and green lights are visible in clear weather from a distance of 7, 5, and 4 miles respectively.

The Inner Light, situated 580 feet N. 36° W. from the Outer Light, is catoptric, and shows red fixed from the bearing of N. 46° W. to N. 26° W.

It is shown from a square hut on a trestle, 25 feet in height, at an elevation of 40 feet above the sea, and is visible in clear weather from a distance of 9 miles.

Approximate position of Outer Light, lat. 63° 39¼' N., long. 20° 20¾' E.

c. LANGHÄLLSUDD (LANGNASUDD) LIGHT, occulting every four seconds (unwatched), shows white from the eastern shore of the channel to the bearing N. 3° W.; green from the bearing N. 3° W. to N. 1° W.; white from N. 1° W., through north, to N. 3° E.; red from N. 3° E. to the western shore of the channel.

The light, which is dioptric of the 6th order, is shown from a white octagonal hut, at an elevation of 13 feet above the sea.

The white, red, and green lights are visible from distances of 6, 4, and 3 miles respectively.

Approximate position, lat. 63° 41¼' N., long. 20° 20¾' E.

[Variation 5° Westerly in 1907.]

This Notice affects the following Admiralty Chart:—Plan of Entrance to Umeå on Sheet No. 3435. Also, List of Lights, Part III, 1907, Nos. 1067a to 1067d; Baltic Pilot, Part II, 1904, page 393; and Revised Supplement, 1907.

#### No. 1880.—JAPAN—KIUSIU, WEST COAST, YATSUSHIRO SEA.

##### *Koji Sima—Rock Southward of.*

The Japanese Government has given notice, dated 2nd November, 1907, that a rock, which covers at high water, exists to the southward of Koji Sima, in a position from which the southern point of that island bears east, distant three-quarters of a cable, and the western point of the island N. 37° W.

The ledge connecting this rock to the shore dries at low water.

Approximate position, lat. 32° 11½' N., long. 130° 21¼' E.

[Variation 4° Westerly in 1907.]

This Notice affects the following Admiralty Chart:—Amakusa Islands and Yatsushiro Sea, No. 836. Also, Sailing Directions for Japan, &c., 1904, page 534.

#### No. 1881.—JAPAN—YEZO ISLAND, NORTH-EAST COAST.

##### *Yesashi Anchorage—Reef Southward of.*

The Japanese Government has given notice, that the Master of the steamship Yoneyama Maru reports that his vessel struck on a reef off Tokushibetsu River, situated southward of Yesashi anchorage.

The reef has apparently a depth of about 7 feet over it at low water, and is situated in approximately lat. 44° 51' 35" N., long. 142° 41' 17" E.

It has been placed on the chart in the above position and marked P.D.

This Notice affects the following Admiralty Chart:—Yezo Island, No. 452. Also, Sailing Directions for Japan, &c., 1904, page 750.

#### No. 1882.—NORTH SEA—RIVER SCHELDE.

##### *Santvliet—Lower Leading Light Discontinued.*

The Belgian Government has given notice, that on 1st January, 1908, the lower leading light at Santvliet, River Schelde, will be discontinued.

The upper light (white fixed) will continue to be exhibited, and in line with the Frederik Beacon Light (white fixed), situated 2 cables southward of it, bearing N. 16° E., will lead up the river.

Approximate position lat. 51° 21' N., long. 4° 16¼' E.

[Variation 13° Westerly in 1907.]

This Notice affects the following Admiralty Chart:—River Schelde, No. 120. Also, List of Lights, Part II, 1907, No. 92a; and North Sea Pilot, Part IV, 1901, page 104.

By command of their Lordships,

*A. Mostyn Field*, Hydrographer.

Hydrographic Office, Admiralty, London,

17th to 20th December, 1907.