

flashing light as follows:—alternately green and red between S. 64° W. and N. 73° W., fixed white with red flashes between N. 73° W. and N. 60° W., fixed red with dark red flashes between N. 60° W. and N. 38° W., and alternating white and red between N. 38° W., through north, and S. 72° E. It is elevated 40 feet above the sea and 24 feet above the ground.

The lighthouse is an iron cylindrical tower with a conical roof, standing on an iron framework, the whole coloured white.

Approximate position, lat. 60° 22' 0" N., long. 26° 59' 10" E.

[Variation 2° Westerly in 1898.]

This Notice affects the following Admiralty Charts:—Port Baltic to Hogland, No. 2246; Hogland to Seskär, No. 2247. Also, List of Lights, Part III, 1898, No. 677; Baltic Pilot, Part II, 1896, pages 321–323.

#### No. 593.—FRANCE—WEST COAST.

##### *Chenal du Four—Dangerous Rocks.*

THE French Government has given notice, dated 22nd September, 1898, of the existence of the undermentioned dangerous rocks in the southern entrance to Chenal du Four:—

1. A rock, with a depth of 14 feet over it at low water, lies with Bosseman Oriental, bearing N. 30° W., distant 3 cables, and St. Mathieu Light N. 82° E., or approximately in latitude 48° 18' 55" N., longitude 4° 49' 0" W.

2. A rock, with a depth of 16 feet over it, lies with Bosseman Oriental, bearing N. 23° W., distant 3½ cables, and St. Mathieu Light, N. 79° E., or approximately in lat. 48° 18' 50" N., long. 4° 49' 0" W.

3. A rock, with a depth of 19 feet over it, lies with St. Mathieu Light, bearing N. 86° E., distant 1¾ miles, and Kermorvan Light N. 32° E., or approximately in latitude 48° 19' 20" N., longitude 4° 48' 10" W.

4. A rock, with a depth of 12 feet over it, lies with St. Mathieu Light, bearing S. 60° E., distant 6½ cables, and Kermorvan Light N. 16° E., or approximately in latitude 48° 20' 0" N., longitude 4° 47' 10" W.

[Variation 18° Westerly in 1898.]

This Notice affects the following Admiralty Charts:—Raz de Sein to Goulven, No. 2643, channels between Ile d'Ouessant and the mainland, No. 2694; Brest Roadstead, No. 2690. Also, Sailing Directions for the West Coast of France, &c., 1891, pages 29, 31, 32.

#### No. 594.—BALTIC—THE KATTEGAT.

##### (1) *Rocks Northward of Hesselö.*

THE Danish Government has given notice, dated 28th September, 1898, of the existence of the undermentioned pinnacle rocks northward of Hesselö:—

A pinnacle rock on which there is a depth of 18 feet, lies with Hesselö Lighthouse bearing S. 3° E., distant about 5 cables, or approximately in lat. 56° 12' 20" N., long. 11° 43' 0" E.

Another pinnacle rock on which the depth is 29 feet, lies with Hesselö Lighthouse bearing S. 17° E. distant 1¼ miles, or approximately in lat. 56° 13' 0" N., long. 11° 42' 15" E.

##### (2) *Rock near Little Lyseground.*

Also, that a pinnacle rock on which there is a depth of 25 feet, lies northward of Little Lyseground, approximately in lat. 56° 18' 15" N., long. 11° 30' 10" E.

[Variation 10° Westerly in 1898.]

This Notice affects the following Admiralty Charts:—Baltic Sea, No. 2842a; the Kattegat,

No. 2114; Also, Baltic Pilot, Part I, 1895, pages 168, 169.

#### No. 595.—JAPAN—KIUSIU, NORTH-WEST COAST.

##### *Reported Rock in Genkai Nada.*

INFORMATION has been received from the Japanese Government, dated 11th August, 1898, that a rock is reported to exist in Genkai Nada.

When near the rock, the following rough bearings were taken:—Yeboshi (Yebosi) jima S.W., Oro sima (Oro no sima) North, and Akasubana (Akasi bana) N.W. by W. ¾ W.

The local fishermen state that a rock awash at low water exists in the locality between Oro and Yeboshi.

The symbol for a rock with less than 6 feet over it has been placed on the Admiralty Charts in lat. 33° 45' 20" N., long. 130° 2' 40" E.

[Variation 4° Westerly in 1898.]

This Notice affects the following Admiralty Charts:—Western Coasts of Kiusiu and Nipon, No. 358; Hirado no Seto to Simonoseki Straits, No. 127. Also, China Sea Directory, Vol. IV, 1894, page 531.

#### No. 596.—GULF OF BOTHNIA—SWEDISH SHORE.

##### *Svartklubben Light—Alteration Postponed, Fog Signal Established.*

WITH reference to Notice to Mariners No. 639 of 1897:—

The Swedish Government has given notice, dated 28th September, 1898, that—

The intended alteration in the character of Svartklubben Light is postponed, and that it will not be altered until 1899.

The Fog Signal, consisting of a Fog Horn worked by compressed air, is now in operation.

Approximate position, lat. 60° 10½' N., long. 18° 49½' E.

This Notice affects the following Admiralty Charts:—Gulf of Bothnia, No. 2252; South Quarken to Hornslandet, No. 2296. Also, List of Lights, Part III, 1898, No. 873; Baltic Pilot, Part II, 1896, page 331.

#### No. 597.—FRANCE—WEST COAST.

##### *Ile de Groix—Alterations in Lights at Eastern Points.*

WITH reference to Notice to Mariners No. 334 of 1898:—

The French Government has given further notice that, on 15th October, 1898, the light (fixed white with red flash) shown from Fort de la Croix, east end of Ile de Groix, will be discontinued, and replaced by a dioptric, fixed light showing the following sectors:—white from S. 6° W., through west, to N. 7° W.; red from N. 7° W., through north, to N. 2° E. (over the Basse des Chats); white from N. 2° E. to N. 10° E.; and obscured from other directions.

It is elevated 49 feet above high water, 6 feet above the ground, illuminating power of white light 8 becs Carcel (80 candles), of red light 1¾ becs Carcel (16 candles), and in clear weather the white light will be visible from a distance of 8 miles and the red light from a distance of 3 miles.

It will be shown from a small metal tower, situated on the edge of Pte. de la Croix Cliff.

Approximate position, lat. 47° 38' 5" N., long. 3° 25' 5" W.

A new light is shown from a lighthouse recently erected on Pte. des Chats, south-eastern extreme of Ile de Groix:—

Pte. des Chats Light is a dioptric, flashing red