

The eastern corner is situated N. 63° E., 3¼ cables, from the above position (b).

Lines joining the above positions define the boundary of this area, which should be carefully avoided by all vessels; they should keep to the deep water channel near Calshot Castle.

Approximate position, Calshot Castle, lat. 50° 49' N., long. 1° 18' W.

[Variation 16° Westerly in 1903.]

This Notice affects the following Admiralty Chart:—Southampton Water, No. 1905. Also, Channel Pilot, Part I, 1900, page 228.

No. 182.—BALTIC—GULF OF FINLAND.

Helsingfors and Viborg—Additions to and Alterations of Lights Between.

The Russian Government has given notice, dated 20th December, 1902, that the under-mentioned lights have been established in the inner fairway between Helsingfors and Viborg:—

1. **TORRA KHESTEN.**—On the north-western extremity of Torra Khesten (Hastö) a light has been established at an elevation of 26 feet above the sea, showing the following sectors:—red and white alternating from the bearing of S. 75° W., through south, to S. 67° E., red flashing from S. 67° E., through east, to N. 75° E., red and white alternating from N. 75° E. to N. 71° E., green flashing from N. 71° E. to N. 57° E., and obscured in other directions. The Lighthouse is 20 feet high.

Approximate position, lat. 60° 9¼' N., long. 25° 13¼' E.

[Variation 2° Westerly in 1903.]

2. **BOISTE.**—On the southern extremity of Boiste (Boistan) a light, elevated 20 feet above the sea, has been established, showing the following sectors:—red and white alternating from S. 48° W. to S. 80° W., green flashing from S. 80° W., through west, to N. 77° W., red and white alternating from N. 77° W. to N. 73° W., red flashing from N. 73° W. to N. 21° W., white and red alternating from N. 21° W., through north and east, to S. 88° E., and obscured in other directions. The Lighthouse is 15 feet high.

Approximate position, lat. 60° 19¼' N., long. 26° 31¼' E.

3. **LEVE.**—On a rock named Leve (situated N. 71° E., distant about 7 cables from Boistan Lighthouse) a light, elevated 31 feet above the sea, has been established, showing the following sectors:—red and white alternating from S. 48° W., through west, to N. 80° W., red flashing from N. 80° W. to N. 26° W., green flashing from N. 26° W., through north, to N. 44° E., red and white alternating from N. 44° E. to N. 50° E., red flashing from N. 50° E. to N. 55° E., red and white alternating from N. 55° E., through east, to S. 89° E., green flashing from S. 89° E. to S. 62° E., red and white alternating from S. 62° E. to S. 58° E., red flashing from S. 58° E. to S. 53° E., and obscured in other directions. The lighthouse is 28 feet high. This light in line with Boistan Light N. 71° E. leads through the fairway.

[Variation 1° Westerly in 1903.]

4. **MUSTOMA.**—On the rock off the north-western extremity of Mustoma Island a light, elevated 16 feet above the sea, has been established, showing the following sectors:—green flashing from S. 71° W. to S. 76° W., red and white alternating from S. 76° W. to S. 78° W., red flashing from S. 78° W., through west, to N. 63° W., green flashing from N. 63° W., through north, to N. 10° E., red and white alter-

nating from N. 10° E. to N. 25° E., red flashing N. 25° E., through east, to S. 78° E., and obscured in other directions. The lighthouse is 16 feet high.

Approximate position, lat. 60° 26½' N., long. 27° 33½' E.

5. **PISISARI.**—On the northern point of Pisi Sari a light, elevated 18 feet above the sea, has been established, showing the following sectors:—red flashing from N. 79° W. to N. 83° W., red and white alternating from N. 83° W. to N. 86° W., green flashing from N. 86° W., through west, to S. 7° W., red flashing from S. 7° W., through south, to S. 37° E., red and white alternating from S. 37° E. to S. 83° E., green flashing from S. 83° E., through east, to N. 83° E., and obscured in other directions. The lighthouse is 11 feet high.

Approximate position, lat. 60° 27' N., long. 27° 39' E.

6. **PARRIO.**—On the eastern side of Pario a red and white alternating light, elevated 32 feet above the sea, has been established, visible between the bearings of N. 32° W. and N. 77° W., and obscured in other directions. The lighthouse is 16 feet high.

Approximate position, lat. 60° 27½' N., long. 27° 43¼' E.

7. **SANTIO.**—On the south-west point of Santio (distant 5 cables S. 55° E. from Pario Lighthouse) a red and white alternating light, elevated 13 feet above the sea, has been established, visible between the bearings of N. 32° W. and N. 77° W., and obscured in other directions. The lighthouse is 6 feet high. This light in line with Pario Light N. 55° W. leads through the fairway to the southward.

8. **PUKIONSARI.**—On the southern point of Pukion Sari a light, elevated 15 feet above the sea, has been established, showing the following sectors:—green flashing from S. 64° W. to S. 86° W., red and white alternating from S. 86° W., through west, to N. 87° W., red flashing from N. 87° W. to N. 15° W., green flashing from N. 15° W., through north, to N. 50° E., red and white alternating from N. 50° E. to N. 86° E., red flashing from N. 86° E. to N. 89° E., green flashing from N. 89° E., through east, to S. 86° E., red and white alternating from S. 86° E. to S. 80° E., red flashing from S. 80° E. to S. 75° E., and obscured in other directions. The lighthouse is 10 feet high.

Approximate position, lat. 60° 26½' N., long. 27° 48¼' E.

9. **KHEMINKILETTO.**—On a small rock named Kheminkiletto, a light, elevated 23 feet above the sea, has been established, showing the following sectors:—green flashing from S. 53° W. to S. 87° W., red and white alternating from S. 87° W., through west, to N. 73° W., red flashing from N. 73° W., through north, to N. 14° E., green flashing from N. 14° E. to N. 75° E., red and white alternating from N. 75° E. to N. 78° E., red flashing from N. 78° E., through east, to S. 72° E., and obscured in other directions. The lighthouse is 13 feet high.

Approximate position, lat. 60° 26¼' N., long. 27° 51¼' E.

10. **KUNINKAANNIEMI.**—On the east coast of Biörko two leading lights—(a) the port light, elevated 23 feet above the sea, shows the following sectors:—red flashing from N. 89° W., through west, to S. 79° W., red and white alternating from S. 79° W. to S. 3° W., green flashing from S. 3° W., through south, to S. 13° E., red flashing from S. 13° E. to S. 24° E., red and