

approximately in latitude $12^{\circ} 30' N.$, longitude $43^{\circ} 54' E.$:—

The locality has since been closely examined by Her Majesty's ships "Marathon" and "Redbreast," with the result that fairly regular soundings of 16 to 20 fathoms were found near the above position, with no indication of a shoal.

The 3 fathoms, shown in that position, has consequently been expunged from the chart.

NOTE.—Although the soundings obtained prove that the shoal ground off Ras al Ara has not extended to the southward, they do show an extension to the westward, there being a depth of one fathom, with 9 to 11 fathoms close southward, in a position with Ras al Ara bearing $N. \frac{1}{4} W.$, distant nearly $3\frac{1}{2}$ miles; or approximately in latitude $12^{\circ} 34\frac{1}{2}' N.$, longitude $43^{\circ} 55' E.$

[Variation 4° Westerly in 1897.]

This Notice affects the following Admiralty Charts:—Red Sea, No. 2523; Gulf of Aden, No. 66; Red Sea, No. 8e. Also, Red Sea and Gulf of Aden Pilot, 1892, pages 373, 374.

No. 628.—UNITED STATES—RHODE ISLAND.

Narragansett Bay.—Intended Alteration in Brenton Reef Light-vessel and Fog Signal.

THE United States Government has given notice, that on or about 4th November, 1897, Brenton Reef Light-vessel, No. 11 (two fixed white lights, &c.), moored on the eastern side of the entrance to Narragansett Bay, will be withdrawn and replaced by Light-vessel No. 39 :—

Light-vessel No. 39 will show two catoptric, fixed white lights, one at each masthead, each elevated 38 feet above the sea, and visible in clear weather from a distance of 11 miles.

This light-vessel is schooner-rigged, with two masts, a black funnel and whistles between the masts, no bowsprit, and carries a black circular cage at each masthead as a day-mark. The hull is coloured yellow, with "Brenton Reef, No. 39" in black on each side.

Approximate position, lat. $41^{\circ} 25\frac{3}{4}' N.$, long. $71^{\circ} 22\frac{3}{4}' W.$

Also, that the fog signal on board this light-vessel will consist of two steam whistles, which, during thick or foggy weather, will be sounded every thirty seconds, thus:—low note, three seconds; high note, three seconds; silence, twenty-four seconds.

This Notice affects the following Admiralty Charts:—Bay of Fundy to Block Island, No. 2492; Nantucket Shoals to Block Island, No. 2890; Narragansett Bay, No. 2892. Also, List of Lights, Part VIII, 1897, No. 627; and Sailing Directions for the Principal Ports on the East Coast of the United States, 1882, page 92.

No. 629.—GULF OF FINLAND—NORTH SHORE.

Exhibition of Lights between Utö and Aspö Skär.
WITH reference to Notice to Mariners No. 497 of 1897 :—

The Russian Government has given further notice that, on 25th September, 1897, the under-mentioned lantern lights were exhibited :—

1. Utö leading lights :—

a. The high light is a red and white alternating light, elevated 49 feet above the sea, 36 feet above the ground, and visible from $N. 2^{\circ} E.$ to $N. 22^{\circ} E.$, a distance of about 8 miles in clear weather.

It is shown from a cylindrical iron lighthouse, painted white, with a conical roof, standing on a foundation of rough masonry, situated in the middle of the Torfskars Röcks.

No. 26903.

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Approximate position, lat. $59^{\circ} 50' 35'' N.$, long. $21^{\circ} 22' 0'' E.$

b. The low light is a red and white alternating light, elevated 20 feet above the sea, 5 feet above the ground, and visible from $N. 3^{\circ} E.$, through east and south, to $S. 3^{\circ} W.$ (of increased power from $N. 3^{\circ} E.$ to $N. 38^{\circ} E.$), a distance of about 5 miles in clear weather.

The lighthouse is similar to the High Lighthouse (a), and is situated on the western end of Knivskar Rock.

Approximate position, lat. $59^{\circ} 49' 10'' N.$, long. $21^{\circ} 21' 30'' E.$

The beacon on Knivskar has been removed, also the beacon on the Torfskar Rocks.

2. Bokulla leading lights :—

a. The high light is a red and white alternating light, elevated 39 feet above the sea, 9 feet above the ground, and visible from $N. 11^{\circ} W.$, through north and east, to $S. 11^{\circ} E.$ (of increased power from $N. 69^{\circ} E.$ to $N. 89^{\circ} E.$), a distance of 7 miles in clear weather.

The light is shown from the south-west gable wall of the keeper's house, which is painted red, and situated on the north-west point of Bokulla.

Approximate position, lat. $59^{\circ} 50' 5'' N.$, long. $21^{\circ} 25' 25'' E.$

b. The low light is a red and white alternating light, elevated 23 feet above the sea, 16 feet above the ground, and visible from $N. 60^{\circ} E.$, through east and south, to $S. 38^{\circ} W.$ (of increased power from $N. 6^{\circ} E.$ to east, and from $S. 8^{\circ} W.$ to $S. 38^{\circ} W.$), a distance of 5 miles in clear weather.

The lighthouse building, similar to 2a, stands on an iron framework, 13 feet high, and is situated on Svartgrund Rock.

Approximate position, lat. $59^{\circ} 49' 45'' N.$, long. $21^{\circ} 23' 15'' E.$

3. Widskär Light is a red and white alternating light, elevated 37 feet above the sea, 19 feet above the ground, and visible from $N. 40^{\circ} E.$, through north and west, to $S. 47^{\circ} W.$ (of increased power from $N. 40^{\circ} E.$ to $N. 10^{\circ} E.$, and from $S. 52^{\circ} W.$ to $S. 47^{\circ} W.$), a distance of 7 miles in clear weather.

The lighthouse is cylindrical in shape, painted white, with a conical roof, standing on an iron framework, 17 feet high, and situated on the east point of Widskär.

Approximate position, lat. $59^{\circ} 54' 30'' N.$, long. $21^{\circ} 28' 5'' E.$

4. Snökubb (Snekub) light is a red and white alternating light, elevated 25 feet above the sea, 4 feet above the ground, and visible from $N. 34^{\circ} E.$, through east and south, to $S. 59^{\circ} W.$ (of increased power from $N. 34^{\circ} E.$ to $N. 64^{\circ} E.$, and from $S. 29^{\circ} W.$ to $S. 59^{\circ} W.$), a distance of 6 miles in clear weather.

The lighthouse is similar in appearance to Widskär Lighthouse, and is situated on Snökubb (Snekub) Island.

Approximate position, lat. $59^{\circ} 55' 45'' N.$, long. $21^{\circ} 30' 30'' E.$

5. Ingölskär (Ingölskär) light is a red and white alternating light, elevated 21 feet above the sea, 5 feet above the ground, and visible from $N. 44^{\circ} E.$, through east and south, to $N. 31^{\circ} W.$ (of increased power from $N. 44^{\circ} E.$ to $N. 74^{\circ} E.$, and from $S. 1^{\circ} E.$, through south and west, to $N. 31^{\circ} W.$), a distance of 5 miles in clear weather.

The lighthouse is similar in appearance to Widskär lighthouse, stands on a foundation of rough masonry, and is situated on the west side of Ingölskär (Ingölskär).

Approximate position, lat. $59^{\circ} 57' 55'' N.$, long. $21^{\circ} 34' 30'' E.$