

A sector of red light will be shown from the South Light in the direction of Whitby Scar.

Further particulars will be published in due course.

This Notice affects the following Admiralty Charts:—North Sea, No. 2182*a*; Flamborough Head to the Tees, No. 1191. Also, Admiralty List of Lights in the British Islands, 1890, No. 221; and North Sea Pilot, Part III, 1889, page 114.

#### No. 296.—BALTIC STATION.

BALTIC—SWEDISH COAST.

*Sandhammar Point.—Intended Alteration in Lights.*

THE Swedish Government has given notice that during the year 1891 the two fixed white lights on Sandhammar Point will be discontinued; and, in lieu thereof, a light, altered in character, will be exhibited from one of the lighthouses:—

Sandhammar Point Light will be a flashing white light, showing one flash every five seconds.

The illuminating apparatus will be dioptric, or by lenses, of the second order.

Approximate position, lat.  $55^{\circ} 23' N.$ , long.  $14^{\circ} 11' E.$

Further particulars concerning the lights will be published in due course.

This notice affects the following Admiralty Charts:—Baltic Sea, No. 2842*b*; Femern to Bornholm, No. 2150; Cape Falsterbö to Kalmar Sound, No. 2360. Also, Admiralty List of Lights on the Eastern Shores of the North Sea, &c., 1890, No. 941; and Baltic Pilot, 1888, page 28.

#### No. 297.—PACIFIC STATION.

NORTH AMERICA—NORTH-WEST COAST.

ALASKA.

*Rock Reported between Wolf Rock and Dall Island.*

THE United States Government has given notice, dated 30th April, 1890, that Captain Hunter, of the Pacific Coast Steamship Company, has reported the existence of a rock, on which the sea breaks heavily, between Wolf Rock and the coast of Dall Island.

Approximate position as given, lat.  $55^{\circ} 0' N.$ , long.  $133^{\circ} 19' W.$

This Notice affects the following Admiralty Chart:—Port Simpson to Cross Sound, No. 2431.

#### No. 298.—NORTH AMERICA AND WEST INDIES STATION.

CANADA.—RIVER ST. LAWRENCE.

*Alterations in Buoyage below Quebec.*

THE Government of the Dominion of Canada has given notice, that on the buoys being placed in position in the River St. Lawrence, below Quebec, on the opening of navigation this spring, or as soon after as practicable, the following alterations would be made in the buoyage:—

1. Barrett Ledge.—The gas and bell buoy on Barrett Ledge is replaced by a spherical gas buoy without a bell; it is chequered black and white, as previously, and shows a fixed white light, elevated 10 feet above the water.

2. Middle Shoal.—The chequered red and black can buoy on Middle Shoal, Hare Island Channel, is discontinued, being rendered unnecessary by the buoyage of the next two mentioned shoals, lying respectively a short distance north-east and south-west from it.

3. Marmen Rock.—A black can buoy is placed north-eastward of Marmen Rock, which has 7 feet water on it, and lies with Brandy Pots Lighthouse, bearing N.W.  $\frac{3}{4} W.$ , distant about  $1\frac{1}{2}$  miles. The

buoy is moored with Brandy Pots Lighthouse, bearing N.  $55^{\circ} W.$ , distant  $1\frac{1}{10}$  miles.

4. Demers Rock.—A red can buoy is placed south-westward of Demers Rock, which has 11 feet water on it, and lies  $3\frac{1}{2}$  cables south-west of Middle Shoal, with Brandy Pots Lighthouse bearing N.W.  $\frac{3}{4} N.$ , distant  $1\frac{1}{2}$  miles. The buoy is moored with Brandy Pots Lighthouse, bearing N.  $34^{\circ} W.$ , distant  $1\frac{6}{10}$  miles.

5. Shoals of St. Anne.—The black can buoy off the Shoals of St. Anne has been moved about 7 cables north-east of its old position, so as to properly mark the angle of the bank, and now lies with St. Anne Church bearing S.  $24^{\circ} E.$ , distant  $5\frac{9}{10}$  miles.

6. Shoals of St. Roque, East End.—A new black can buoy is placed in 28 feet water, westward of a shoal with a depth of 16 feet, lying with Lower Traverse Light-vessel bearing S.W. by W.  $\frac{3}{4} W.$ , distant  $2\frac{1}{3}$  miles. The buoy is moored with Lower Traverse Light-vessel bearing S.W. by W.  $\frac{1}{4} W.$ , distant  $2\frac{3}{10}$  miles.

7. Shoals of St. Roque, West End.—The first black buoy south-westward of Upper Traverse Light-vessel has been moved 5 cables south-west of its old position to mark a newly discovered rock with 24 feet water on it, and lies with St. Roque Church bearing E.  $\frac{1}{2} S.$ , distant 5 miles.

8. Channel Patch.—The gas buoy on Channel Patch is replaced by a gas buoy with bell. The buoy is, as previously, chequered black and white, and shows a fixed white light, elevated 14 feet above the water.

9. Beaujeu Channel West Narrows.—The red can buoy of Beaujeu Channel West Narrows is moved south-eastward of its old position, and is now close southward of a shoal with 22 feet water on it. This alteration has been made in consequence of several shoals having been found outside it. The buoy is moored with South Diamond Beacon bearing N.  $17^{\circ} W.$ , distant  $4\frac{1}{4}$  cables.

10. The gas buoy at the Quarantine station, on the west end of Margaret Island bank, is now painted yellow, the distinguishing quarantine colour.

11. Longue Pointe.—A red can buoy is placed in 30 feet water, southward of Longue Pointe, a shoal in North Channel with depths of 8 to 21 feet. It is moored with Cap Brulé Lighthouse bearing S.  $61^{\circ} W.$ , distant  $2\frac{7}{10}$  miles.

12. East Narrows.—The red can buoy at East Narrows, north end of Traverse Spit, has been moved about  $1\frac{1}{2}$  cables north-east of its previous position, to mark a depth of 18 feet at low water, and now lies with Cap Brulé Lighthouse bearing N.  $33^{\circ} E.$ , distant  $2\frac{7}{10}$  miles.

13. North Traverse, West Sand.—The chequered black and white buoy on West Sand, North Traverse, has been moved to the north-west extreme of the sand, and is now moored in 28 feet water, close north-eastward of a shoal with a depth of 12 feet, with the west extreme of the small islet south-west of Grosse Isle in line with the north-east extreme of Reaux Islet, bearing S.E.  $\frac{3}{4} E.$ , and Traverse Spit Black Buoy distant 8 cables.

14. Les Islets, Orleans Channel.—The westernmost of the three red buoys marking Les Islets is now moored in 22 feet water, south of a shoal with a depth of 9 feet (and in such a position that a course may be steered direct to the next buoy to the eastward), with Ste. Famille Southern Lighthouse bearing E. by N.  $\frac{1}{2} N.$ , distant  $3\frac{1}{10}$  miles.

[Variation  $21^{\circ}$  to  $18^{\circ}$  Westerly in 1890.]

This Notice affects the following Admiralty