

bearing E.  $\frac{1}{4}$  S., and the northern rock of Les Vaches W.S.W., distant about  $1\frac{1}{10}$  miles.

Approximate position, lat.  $48^{\circ} 37' 5''$  N., long.  $59^{\circ} 8' 30''$  W.

NOTE.—From the outer extreme of the rocky ledge, Les Vaches appear midway between Cape Cormoran and Red Island.

[Variation  $30^{\circ}$  Westerly in 1890.]

This Notice affects the following Admiralty Charts:—Newfoundland, No. 232a; Codroy Road to Cow Head Harbour, No. 288. Also, Newfoundland and Labrador Pilot, 1887, page 304.

No. 630.—CHANNEL AND WESTERN,  
AND ALL FOREIGN STATIONS.

BAY OF BISCAY.

*Floating Wreck.*

INFORMATION has been received that the Master of the British steam-vessel "Arabia" has reported having passed on 2nd November, 1890, a wreck, when in approximately latitude  $45^{\circ}$  N., longitude  $8^{\circ}$  W.

Also, that the master of the steam-vessel "Sicily" has reported having passed, on 3rd November, 1890, a derelict three-masted vessel of about 700 tons burden, when in approximately latitude  $45^{\circ} 45'$  N., longitude  $8^{\circ} 16'$  W. All bulwarks were washed away, stern washed out, and stump of foremast standing; did not appear to have been long in that condition.

The above reports probably refer to the same wreck, which presents a danger to shipping.

This Notice temporarily affects the following Admiralty Charts: North Atlantic Ocean, No. 2060a; British Islands to Mediterranean Sea, No. 1; Bay of Biscay, No. 1104.

No. 631.—EAST INDIES, CHINA, AUSTRALIA, PACIFIC, AND SOUTH-EAST AMERICA STATIONS.

SOUTH ATLANTIC OCEAN.—FALKLAND ISLANDS—WEST FALKLAND.

*Kelp Patch North-west of Jason Islands.*

INFORMATION has been received from Mr. C. Hansen, master of the schooner "Foam," that when proceeding northward of the Jason Islands in March, 1890, he passed through a patch of kelp (always indicative of rocky bottom and often of a hidden danger) about half a mile in extent; the wind at the time was north-easterly strong, with a rough sea, but no breakers were seen; the weather being foggy, only one bearing was taken, that of the west end of Steeple Jason, which bore approximately S.E. by S.  $\frac{1}{4}$  S., its estimated distance being 7 to 8 miles.

Position of patch, to be marked P.D., latitude  $50^{\circ} 53\frac{1}{2}'$  S., longitude  $61^{\circ} 16\frac{3}{4}'$  W.

NOTE.—It was estimated to be slack water when the "Foam" passed this patch, and that the kelp would be under water when the tidal stream (which in this locality attains considerable velocity) is running.

[Variation  $14^{\circ}$  Easterly in 1890.]

This Notice affects the following Admiralty Chart:—Falkland Islands, western sheet, No. 1354a. Also, South America Pilot, Part I, 1885, page 344.

No. 632.

NORWAY.—WEST COAST.

*Fixed and Flashing Light on Nordö.*

WITH reference to Notice to Mariners, No. 624 of 1890, on the intended exhibition of a light on Nordö (Nordöerne), north side of entrance to Folden Fiord:—

The Norwegian Government has given further

notice, that on 1st November, 1890, the light would be exhibited:—

Nordö Light is a fixed and flashing white light of the second order, showing a flash every four minutes, and visible from the bearing of N.  $21^{\circ}$  W., through east, to S.  $23^{\circ}$  W.; it is elevated 120 feet above the sea, and should be seen in clear weather from a distance of 18 miles.

This lighthouse, 33 feet high, is a wooden structure, painted white.

Approximate position, lat.  $64^{\circ} 47' 55''$  N., long.  $10^{\circ} 33' 25''$  E.

The light will be exhibited annually from 1st August to 15th May.

[Variation  $13^{\circ}$  Westerly in 1890.]

This Notice affects the following Admiralty Chart:—Brand Fiord to Lekö, No. 2308. Also, Admiralty List of Lights on the Eastern Shores of the North Sea, &c., 1890, No. 1092\*; and Norway Pilot, Part II, 1880, page 274.

No. 633.

NORWAY.—WEST COAST.—LANDEGODE.

*Fixed Light on Biörnö.*

ALSO, has given notice, that on 1st November, 1890, a light would be exhibited on Biörnö, east side of Landegode:—

Biörnö Light is a fixed light of the fourth order, visible from the bearing of N.  $43^{\circ}$  E. (near this limit it is obscured through a small sector by a hill), through west, to S.  $14^{\circ}$  E.; it shows red from S.  $3^{\circ}$  W. (leading westward of Kjekboen), to S.  $51^{\circ}$  W. (leading eastward of Fjerkvitingerne), also from N.  $16^{\circ}$  E. to N.  $21^{\circ}$  E., over Lobholm and Lobholmgrunden; in other directions it shows white. The light is elevated 150 feet above the sea, and should be visible in clear weather from a distance of 11 miles.

This lighthouse, 29 feet high, is a wooden structure, painted white.

Approximate position on Admiralty Chart, lat.  $67^{\circ} 25' 10''$  N., long.  $14^{\circ} 27' 20''$  E.

This light will be exhibited annually from 15th August to 30th April.

[Variation  $11^{\circ}$  Westerly in 1890.]

This Notice affects the following Admiralty Chart:—Fleina to Vest Fiord, No. 2311. Also, Admiralty List of Lights on the Eastern Shores of the North Sea, &c., 1890, No. 1104a; and Norway Pilot, Part II, 1880, page 316.

No. 634.—BALTIC STATION.

GULF OF BOTHNIA.—RUSSIAN COAST.  
NORTH QUARKEN.

*Shoal marked by Perch north-east of Quarken Light-vessel.*

THE Russian Government has given notice, dated 21st October, 1890, of the existence of a newly-found rocky shoal (Fiskargrund), about half a cable in extent, and having 22 feet water on it, lying about two miles N.E. from Quarken Light-vessel, North Quarken:—

Position as given, lat.  $63^{\circ} 28' 35''$  N., long.  $20^{\circ} 47' 50''$  E.

Also, that a white perch with globe, has been placed in 30 feet water, on the north-west side of Fiskargrund.

[Variation  $5^{\circ}$  Westerly in 1890.]

This Notice affects the following Admiralty Charts:—Gulf of Bothnia, No. 2252; Stor Fiärd to Gamla Karleby, No. 2300. Also, Baltic Pilot, 1888, page 323.