

## No. 511.—NORWAY—WEST COAST.

*Alterations in Lights.*

WITH reference to Notice to Mariners No. 159 (10, 11) of 1897:—

The Norwegian Government has given further notice that, on 1st August, 1897, the under-mentioned alterations were carried out:—

1. Bjornsund light was altered to show the following sectors:—Red from N. 57° E. to N. 77° E. (northward of Orholmbaagen); fixed white from N. 77° E., through east, to S. 32° E.; flashing light from S. 32° E. (westward of South Klakken) to S. 27° E. (eastward of North Klakken); fixed white from S. 27° E., through south, to S. 36° W.; flashing light from S. 36° W. (westward of Terningen and Kolbeinsflua) to S. 47° W.; fixed white from S. 47° W., through west, to N. 87° W., and obscured from other directions.

Approximate position, lat. 62° 53' 45" N., long. 6° 49' 25" E.

2. Tyrhaug light was altered to show the following sectors:—Flashing light from N. 72° E. to N. 68° E. (southward of Edöskagen); fixed white from N. 68° E., through north and west, to S. 83° W.; flashing light from S. 83° W. to S. 73° W. (over Grisvaegskjaerene and Friskjaer); fixed white from S. 73° W. to S. 53° W.; red from S. 53° W. (eastward of Ramsögalten) to S. 7° W.; and obscured from other directions.

Approximate position, lat. 63° 18' 40" N., long. 8° 14' 5" E.

[Variation, 1, 15°, 2, 14° Westerly in 1897.]

This Notice affects the following Admiralty Charts:—The Naze to the North Cape, No. 1479 (1, 2); Smölen Island to Sve Fiord, No. 2307 (2); Romsdals Islands to Hitteren Island, with Plan of Approaches to Bud, No. 2306 (1, 2); Approaches to Trondhjem, No. 1971 (2). Also, List of Lights, Part II, 1897, Nos. 510, 521; and Norway Pilot, Part II, 1894, pages 284, 308.

## No. 512.—KOREA—WEST COAST.

*Dangers Eastward of Sir James Hall Group.*

INFORMATION has been received from the Japanese Government of the existence of the undermentioned dangers:—

1. A rock, which dries at low water, was seen about three-quarters of a mile northward of Three Rocks, westward of Kerrin Do.

Approximate position, lat. 37° 49½' N., long. 124° 56¾' E.

2. Rocks, which dry at low water, extend nearly one mile, N.W. by W. ½ W., from the point on the mainland, in approximately lat. 37° 59' 10" N., long. 125° 3' 20" E.

3. A rock, about a quarter of a cable in extent, which dries at low water neaps, is situated about half a mile north-eastward of the above point.

[Variation 4° Westerly in 1897.]

This Notice affects the following Admiralty Charts:—Approaches to Ping Yang Inlet, No. 1257; Approaches to Sevil, &c., No. 1258. Also, China Sea Directory, Vol. IV, 1894, pages 47, 45.

## No. 513.—BRAZIL.

*River São Francisco (Do-sul)—Amended Particulars of Shoals South-Eastward of Ovaringa Island.*

INFORMATION has been received from Commander E. P. Ashe, Her Majesty's ship "Basiliak," dated 27th July, 1897, of the under-mentioned particulars of the shoals south-eastward of Ovaringa Island, now marked "P.D." on the Chart:—

1. A rocky shoal, with a least depth of 2 fathoms on it, is situated with São Francisco Church bearing S. 10° W., distant 14½ cables; and Peroba Point S. 77° E.

A black buoy, surmounted by a topmark, is moored on the northern side of this shoal.

Approximate position, lat. 26° 13' 10" S., long. 48° 38' 30" W.

2. A rocky shoal, with a least depth of 2 fathoms on it, is situated with São Francisco Church bearing S. 18° W. distance one mile; and Peroba Point N. 84° E.

A red buoy marks the northern side of this shoal.

The rock marked "P.D.," with buoy, shown on the chart a quarter of a mile N.N.E. of position of rocky shoal (1); and the three rocks, with buoy, extending a quarter of a mile N.E. from position of rocky shoal (2); have been expunged from the charts.

[Variation nil in 1897.]

This Notice affects the following Admiralty Chart:—Entrance of the River São Francisco with Plan of Island of São Francisco Do Sul, &c., No. 550. Also, South America Pilot, Part I, 1893, pages 193–195.

## No. 514.—ENGLAND—BRISTOL CHANNEL.

*Intended Alterations in Sectors of Burnham (Bridgewater) Lights.*

THE Trinity House, London, has given notice that, on 15th September, 1897, the under-mentioned alterations will be made in the arcs of visibility of Burnham (Bridgewater) lights:—

1. Burnham lower light (fixed) will show white from S. 54° E. to S. 85° E.; and red from S. 85° E. to East.

2. Burnham upper light (occluding white) will be visible from S. 24° E. to S. 86° E.

Approximate position, lat. 51° 14' 55" N., long. 2° 59' 50" W.

[Variation 18° Westerly in 1897.]

This Notice affects the following Admiralty Charts:—Bristol Channel, No. 1179; Nash Point to New Passage, No. 2682; Bridgewater Port, No. 1157. Also, List of Lights, Part I, 1897, Nos. 678, 677; and Sailing Directions for the West Coast of England, 1891, pages 76, 77.

## No. 515.—NORTH SEA.

*Sunken Wreck Northward of Heligoland.*

INFORMATION has been published in the Shipping Gazette that the fishing steam-vessel "Lehe" reports a wreck, lying sunk in a depth of 14 fathoms, with three masts showing above water, in a position with Heligoland bearing S. by E. ½ E., distant 28 miles; or approximately in lat. 54° 36' N., long. 7° 31' E.

[Variation 13° Westerly in 1897.]

This Notice temporarily affects the following Admiralty Charts:—North Sea, Nos. 2339, 2182a; Baltic Sea, No. 2842a. Also, North Sea Pilot, Part IV, 1892, page 33.

## No. 516.—CENTRAL AMERICA.

*Gulf of Nicoya—Sunken Wreck Southward of Punta Arenas.*

INFORMATION has been received that the Master of the Pacific Mail steam-vessel "San Francisco" reports, 30th June, 1897, that a vessel has sunk in a depth of 25 feet, with a lower mast head showing above water, in a position with Punta Arenas Pier bearing N. by W., distant 2¼ miles; and north extreme San Lucas Island W. ¼ N.