

No. 1650.—SCOTLAND, NORTH COAST—
PENTLAND FIRTH.

Dunnet Head Light—Altered in Character.

Subject.—The light shown from Dunnet Head Lighthouse has been replaced by a light of the undermentioned character, and the provisional light withdrawn.

Position.—Lat. $58^{\circ} 40\frac{1}{4}'$ N., long. $3^{\circ} 22\frac{3}{4}'$ W.

Character.—White group flashing showing four flashes in quick succession every thirty seconds.

Power.—141,000 candles.

Remarks.—In other respects there has been no alteration.

Charts affected.—No. 1783, Thurso Bay; No. 2162, Pentland Firth; No. 2180*b*, Orkney Islands, southern portion; No. 2181, Dunbeath Harbour to Thurso Bay; No. 1954, Thurso Bay to North Minch; No. 2397*b*, Scotland, N. and E. Coasts; No. 2182*b*, North Sea; No. 2339, North Sea.

Publications.—List of Lights, Part I, 1908, No. 561; North Sea Pilot, Part II, 1905, page 54; Notice to Mariners No. 1133 of 1908.

Authority.—Commissioners of Northern Lighthouses Notice, No. 12 of 1908.

No. 1651.—SOUTH AMERICA—PERU.

Punta Lobitos—Rock in Approach.

Subject.—A rock of the undermentioned description is situated in the approach to Punta Lobitos in the position given below.

Position.—House at Punta Lobitos, N. 87° E., $1\frac{9}{10}$ miles; Talara Point, S. 22° E.; lat. $4^{\circ} 27\frac{1}{2}'$ S., long. $81^{\circ} 17\frac{1}{4}'$ W.

Depth.— $3\frac{1}{2}$ fathoms.

Variation.— 8° E.

Charts affected.—No. 1813, South America, West Coast, Sheet XVII; No. 1782, Pişco Bay to St. Elena Point.

Publications.—South America Pilot, Part II, 1905, page 520; and Supplement, 1908.

Authority.—Department of Marine, Peru, Notice, 20th July, 1908.

No. 1652.—ICELAND—EAST COAST.

Hvalsbak—Bank Northward of.

Subject.—The bank reported to exist about 4 miles N. 28° E. of Hvalsbak, in the approach to Beru Fjord, is in the following position:—

Position.—Hvalsbak S. 2° E., $7\frac{3}{10}$ miles; Papey Beacon N. 82° W.; lat. $64^{\circ} 43'$ N., long. $13^{\circ} 22\frac{1}{2}'$ W.

Depth.—7 fathoms.

Description.—A rocky ridge about 7 cables long in a northerly and southerly direction, steep on the south, and shelving on north side.

Variation.— 28° W.

Charts affected.—No. 2979, Niardvig to Storknæs; No. 566, Iceland; No. 2740, Iceland to Færo Islands.

Publications.—Arctic Pilot, Vol. II, 1901, page 146; Notice to Mariners No. 780 of 1908.

Authority.—Copenhagen Notice, No. 2367 of 1908.

No. 1653.—BALTIC—GULF OF FINLAND.

Nerva Island—Shoal North-East of, Marked by Buoy.

Subject.—A shoal exists north-eastward of Nerva Island near the fairway of the Gulf of Finland, and has been marked by a buoy, as follows:—

Position.—Nerva Lighthouse, S. $40'$ W., $3\frac{1}{10}$ miles; lat. $60^{\circ} 17' 6''$ N., long. $28^{\circ} 1' 27''$ E.

Depth.—4 fathoms.

Description of buoy.—Spar buoy, painted in red and white stripes, surmounted by a red cross, moored in the centre of the bank.

Variation.—Nil.

Charts affected.—No. 2826, Approaches to Viborg; No. 2247, Hogland to Seskiär; No. 2191, Gulf of Finland.

Publication.—Baltic Pilot, Part II, 1904, page 301.

Authority.—St. Petersburg Notice, No. 280 of 1908.

No. 1654.—CANADA, BRITISH COLUMBIA—
DIXON ENTRANCE.

Brown Passage—Stenhouse Shoal Marked by Buoy; Rock off Connel Islands.

Subject.—The position of and depth over Stenhouse Shoal, in Brown Passage, are as follows. It has been marked by a light-buoy of the undermentioned description. A rock has also been found south-westward of Connel Islands.

(1) Stenhouse Shoal.

Position.—Western Hammer Rock, N. 77° E., $4\frac{1}{10}$ miles; Butterworth Rock, S. 14° E.; lat. $54^{\circ} 20\frac{1}{4}'$ N., long. $130^{\circ} 56\frac{1}{2}'$ W.

Depth.—6 feet.

Light-buoy.—A light-buoy, painted black, exhibiting an occulting light, has been placed 1 cable southward of the shoalest part.

Remarks.—This shoal consists of a small rocky head, marked by kelp. Uneven ground with a least depth of 10 fathoms extends for about 7 cables northward of this head, but elsewhere it is steep-to. Vessels should pass southward of this shoal.

(2) Rock south-westward of Connel Island.

Position.—Coast Mound, N. 39° E., $6\frac{3}{10}$ miles; Butterworth Rock, S. 21° E.; lat. $54^{\circ} 23\frac{1}{2}'$ N., long. $130^{\circ} 57\frac{1}{4}'$ W.

Depth.—Dries 1 foot.

Variation.— 27° E.

Charts affected.—No. 2453, Brown and Edye Passages; No. 1923*a*, Cape Caution to Port Simpson; No. 2430, Queen Charlotte Islands.

Publications.—British Columbia Pilot, 1905, pages 467 and 469; and Supplement, 1908; Notice to Mariners No. 1649 of 1907.

Authority.—His Majesty's ship Egeria, Hydrographical Notes, Nos. 4 and 5 of 1908.

No. 1655.—SOUTH AMERICA—CHILE.

Port De Los Vilos—Rock in.

Subject.—A rock on which the steamship Imperial, drawing 21 feet, struck exists in Port