

can buoy, marked *Barrels Rock*, has been placed 60 fathoms S.W. $\frac{1}{2}$ W. of the rock, and will remain there until the perch is replaced, when it will be removed.

[All bearings are Magnetic. Variations 26° Westerly in 1867.]

By command of their Lordships,
Geo. Henry Richards, Hydrographer.

Hydrographic Office, Admiralty, London,
3rd October, 1867.

This notice affects the following Admiralty charts:—Ireland, West Coast, No. 1824*b*; Ireland, Sheets IX. and XII., Nos. 2254 and 1996; Shannon River, Sheets II. and III., Nos. 1547 and 1548; and Courtmacsherry Bay, No. 2081.

NOTICE TO MARINERS.

(No. 63.)—JAPAN—INLAND SEA.

New Rock in Kirusima Strait.

NOTICE is hereby given, that a rock has been discovered (by H.M.S. "Perseus" striking on it), in the Kirusima Strait, leading from the Misimi-nada to the Bingo-nada of the inland sea, and, as it lies in the fairway of ships, is of much importance.

The rock, which is named the Perseus Rock, is about 20 feet in circumference, and has only 7 feet on it at low-water springs; it lies E. $\frac{1}{2}$ N., a third of a mile from the north point of Kosima, with the following bearings;—

Kosima, north extreme,	W. $\frac{1}{2}$ S.
„ south-east extreme,	S.W. by S.
Masima, west extreme,	S. $\frac{1}{4}$ E.
„ north extreme,	S.E. $\frac{3}{4}$ S.
Tsusima, west extreme,	N. by E.

Within a circumference of a quarter of a cable from the centre of the rock there are from 5 to 7 fathoms water, and between it and Kosima, no soundings were obtained under 20 fathoms, thus leaving a clear passage of 2 cables width.

Between half ebb and low water the position of this danger is indicated by a strong ripple.

[All bearings are magnetic. Variation 2° 50' Westerly in 1867.]

By command of their Lordships,
Geo. Henry Richards, Hydrographer.

Hydrographic Office, Admiralty, London,
3rd October, 1867.

This Notice affects the following Admiralty Charts:—Inland Sea, No. 2875, and plan of Kirusima-seto on it. Also, the China Pilot, fourth edition, page 489, and Hydrographic Notice, No. 4, 1867; China Pilot, Notice 2, page 4.

NOTICE TO MARINERS.

(No. 64.)—WEST INDIES.

Revolving Light on Sombbrero Island.

NOTICE is hereby given, that in January, 1868, a light will be exhibited from a lighthouse, now in the course of erection on Sombbrero Island, the northernmost of the Lesser Antilles.

The light will be a revolving light, attaining its greatest brilliancy every minute, its elevation is 150 feet above the level of the sea; and in clear

weather should be seen from a distance of 20 miles.

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

The structure consists of an open iron framework, 132 feet high, painted red, and stands about one-third the length of the island from its southern extremity, and 60 yards from the cliff on the south-east side.

Its position is in Lat. 18° 35' 37" N., Long. 63° 27' 48" West of Greenwich.

UNITED STATES—FLORIDA.

Range Light on Amelia Island.

THE United States Government has given notice, that a range light, consisting of a steamer lens, is now exhibited in front of Amelia Island Lighthouse, north-east coast of Florida.

The light is moveable (on a tramway), and is intended to direct vessels over the bar at the entrance of Fernandina.

By command of their Lordships,
Geo. Henry Richards, Hydrographer.

Hydrographic Office, Admiralty, London,
4th October, 1867.

This Notice will affect the following Admiralty Charts:—West Indies, General, No. 392*a*; Outline Chart with lights, No. 390; Sombbrero Island, No. 484; East Coast of America, St. Catherine's Island to Florida, &c., No. 269, and St. Mary's River and Fernandina Harbour, No. 288. Also, West India Lights List, No. 24, and West India Pilot, Vol. II., 2nd Edition, page 127.

NOTICE TO MARINERS.

(No. 65.)—ENGLAND—EAST COAST.

Alteration in the Low Light at Orfordness.

WITH reference to Notice to Mariners, No. 29, issued from this Office on the 14th day of May, 1867, the Trinity House, London, has given notice, that, owing to unavoidable circumstances, the red cuts intended to have been shown from the low lighthouse at Orfordness, on or about the 1st September, will not be ready for exhibition until the end of the year, and that further notice will be given as soon as a definite time for their exhibition can be fixed.

SCOTLAND—WEST COAST—FIRTH OF CLYDE.

Bell Buoy on Patterson's Rock.

The Commissioners of Northern Lights have given notice that a black bell buoy, with an iron spar cage containing a bell, surmounted by a staff and ball, has been placed near to Patterson's Rock, eastward of Sanda Island, instead of the can buoy hitherto moored on the spot.

By command of their Lordships,
Geo. Henry Richards, Hydrographer.

Hydrographic Office, Admiralty, London,
8th October, 1867.

This notice affects the following Admiralty Charts:—Lowestoft to Orford, No. 102; Harwich approaches, No. 2052; England, East Coast, Sheet 2, No. 1610; St. Abb's Head to Thames River, No. 2902; Scotland, West Coast, No. 2635; Firth of Clyde, No. 1966; Sanda Island, No. 1945; and Irish Channel, No. 1824*a*. Also, British Lights List, No. 105.