

deep draught vessels, and that in consequence thereof the undermentioned buoys have been withdrawn:—

a. Shawsishan Buoy (red conical), situated 3 miles S. 8° E. from Shawsishan Lighthouse.

b. Midway Flat Buoy (red conical), situated $6\frac{1}{2}$ miles S. 71° W. from Shawsishan Lighthouse.

c. Outer Chi Yao Bank Buoy (red conical), situated $7\frac{1}{4}$ miles S. 57° E. from Drinkwater Point Lighthouse.

Also, that the ball surmounting Drinkwater Point Buoy has been replaced by a spherical cage.

Approximate position, Shawsishan Island, lat. $31^{\circ} 25\frac{1}{2}'$ N., long. $122^{\circ} 14'$ E.

[Variation 2° West-ly in 1901.]

This Notice affects the following Admiralty Charts:—Kue Shan Islands to the Yang Tse, No. 1199; Yang Tse Kiang Approach, No. 1602. Also, China Sea Directory, Vol. III, 1894, page 416; and Supplement, 1898, page 24.

No. 771.—IRELAND, EAST COAST—BELFAST LOUGH.

Mew Island Lighthouse—Colour to be Altered.

THE Commissioners of Irish Lights have given notice, dated 30th September, 1901, during the summer of 1902, the colour of Mew Island Lighthouse will be altered from grey to black.

Approximate position, lat. $54^{\circ} 42'$ N., long. $5^{\circ} 32'$ W.

No further notice will be given.

This Notice affects List of Lights, Part I, 1901, No. 1093. Also, Coast of Ireland Pilot, 1893, page 206.

No. 772.—CANADA, BRITISH COLUMBIA—VANCOUVER ISLAND.

Barclay (Barkley) Sound—New Dangers, &c.

INFORMATION has been received from Commander C. H. Simpson, His Majesty's surveying-vessel "Egeria," of the existence of the following dangers in Barclay Sound, Vancouver Island:—

a. A rock, about 25 feet high, situated with Lookout Island summit bearing S. 71° W., distant $3\frac{1}{4}$ cables, and north-east extreme of Shelter Islands N. 47° W.

Approximate position, lat. $48^{\circ} 54'$ N., long. $125^{\circ} 30\frac{1}{4}'$ W.

b. A rock, about 12 feet high, situated with the western extreme of large Double Island bearing N. 11° W., distant 3 cables, and eastern extreme of the same island N. 30° E.

c. Hedington Reef is situated about half a mile to the eastward of its position as shown on the Charts; on its eastern edge are two heads which dry 6 and 10 feet respectively, the 10 feet head is situated with Black Rock bearing south, distant 8 cables, and the 6 feet head is $1\frac{1}{2}$ cables N. 34° W. from it.

d. A rocky patch of 5 fathoms south-westward of Storm Island, situated with western extreme of Combe Rock bearing N. 28° E., distant 1 mile, and Redonda Island summit N. 70° E.

Approximate position, lat. $48^{\circ} 51\frac{1}{2}'$ N., long. $125^{\circ} 21'$ W.

e. Two rocks, about 6 and 7 feet high respectively, to the south-westward of Howell Island; the 6 feet rock is situated with Redonda Island summit bearing N. 63° E., distant $9\frac{1}{2}$ cables, and Combe Rock N. 58° W.; the 7 feet rock is situated about $3\frac{1}{2}$ cables N. 48° E. from it. A shoal apparently extends for about 2 cables to the southward of the 6 feet rock.

f. The leading line into Ucluelet Arm (Channel Island open between the sides of the inlet N.W. by W. $\frac{1}{4}$ W.) is dangerous, and should be erased from the Charts.

[Variation 23° Easterly in 1901.]

NOTE.—A new edition of Charts Nos. 534, 592 will be issued.

This Notice affects the following Admiralty Charts:—Sydney Inlet to Natinar, No. 584; Barclay Sound, No. 592. Also, British Columbia Pilot, 1898, page 315; and Supplement, 1899, page 23.

No. 773.—IRELAND—EAST COAST.

Howth Bailey, and South Arklow Lights—Intended Alterations Postponed.

WITH reference to Notices to Mariners Nos. 320 and 321 of 1901:—

The Commissioners of Irish Lights have given further notice that the alteration to the light exhibited from Howth Bailey Lighthouse from white fixed to white flashing every thirty seconds is postponed until 1st January, 1902.

Approximate position, lat. $53^{\circ} 22'$ N., long. $6^{\circ} 3'$ W.

And that the alteration of the period of the light (white revolving) exhibited from the South Arklow Light-vessel from thirty seconds to forty-five seconds is also postponed until the same date.

Approximate position, lat. $52^{\circ} 41'$ N., long. $5^{\circ} 57'$ W.

Further notice will be given when these alterations have been made.

This Notice affects the following Admiralty Charts:—Ireland, No. 1824a; Irish Channel, No. 1825a; Wicklow to the Skerries, No. 1468; Wexford to Wicklow, No. 1787; Dublin Bay, No. 1415. Also, List of Lights, Part I, 1901, Nos. 1068, 1052; Coast of Ireland Pilot, 1893, pages 145, 131; and Supplement, 1898, page 13.

No. 774.—IRELAND—SOUTH COAST.

Youghal Harbour Entrance, and Amelia Rock—Description of Buoys.

INFORMATION, dated 7th October, 1901, has been received from the Commissioners of Irish Lights that the following is the correct description of the undermentioned buoys at the entrance to Youghal Harbour, and also of Amelia Rock Buoy, Castle Island Sound entrance:—

a. Bar Rocks Buoy, situated about $1\frac{1}{4}$ miles S. by W. from Youghal Lighthouse, is a conical buoy painted red.

Approximate position, lat. $51^{\circ} 55'$ N., long. $7^{\circ} 50'$ W.

b. Black Ball Ledge Buoy, situated about S.S.E. $1\frac{1}{4}$ miles from Youghal Lighthouse, is a can buoy painted black.

c. Amelia Rock Buoy, situated about half a mile S.E. by S. from Copper Point Beacon, is a spherical buoy painted in black and white stripes, and surmounted by a staff and diamond.

Approximate position, lat. $51^{\circ} 30'$ N., long. $9^{\circ} 32'$ W.

[Variation 20° Westerly in 1901.]

This Notice affects the following Admiralty Charts:—Kinsale to Wexford, No. 2049; Youghal Harbour, No. 2071; Valentia to Kinsale, No. 2424; Long Island, No. 2129. Also, Coast of Ireland Pilot, 1893, pages 75, 36; and Supplement, 1898, page 8.

No. 775.—SCOTLAND—WEST COAST.

Loch Alsh, and Kyle Rhea—Shoals Reported.

INFORMATION, dated 2nd October, 1901, has been received from Captain A. Mostyn Field, His Majesty's surveying-vessel "Research," of the existence of the undermentioned shoals in Loch Alsh, and Kyle Rhea:—

a. A narrow rocky shoal, 100 yards in length, N.E. and S.W., with a depth of 4 fathoms over