

Inisheer Lighthouse, Arran Islands, entrance of Galway Bay :—

The horizontal white belt will be painted *red*.

By Command of their Lordships,

GEO. HENRY RICHARDS, Hydrographer.

Hydrographic Office, Admiralty, London,

31st March 1870.

This Notice affects the following Admiralty Charts :—Boulogne to Dunkerque, No. 2610 ; North Sea, No. 1406 ; Dover Strait, No. 1895 ; Brest Roadstead, No. 2690 ; and Lowestoft Roads, No. 1543. Also, French Lights List, No. 159 ; and British Lights List, No. 501.

NOTICE TO MARINERS.

(No. 33.)—SWEDEN.

New Lights and Alteration of Lights.

The Swedish Government has given Notice that, during the year 1870, the following new lights will be established, and alteration of lights effected, on the coast of Sweden :—

KATTEGAT.

Flashing Light on Tylö Islet.

An iron lighthouse will be erected on Tylö Islet, west of Halmstad, from which will be exhibited a *flashing* white light.

Position as given, lat. 56° 38' 48" N., long. 12° 43' East from Greenwich.

EAST COAST.

Alteration in Utklippan Light.

The tower of Utklippan light will be heightened by an open iron tower, from which will be exhibited a *flashing* white light. During the alteration a flashing light will be exhibited resembling the above, but not visible on the land side from Outlängen to Kongsholmen Castle.

Alteration in Landsort Light.

The tower of Landsort light will be surmounted by a red conical building, from which will be exhibited a revolving light showing a *white* light, with a *red flash every two minutes*.

A light resembling the above will be exhibited during the time the alteration is being made.

Also, in a lower part of the same tower, a coloured direction light will be established, visible in the direction the light above it should be made, in order to clear the shoals east and west of the entrance.

Leading Lights, Carlskrona Harbour.

The following lights have been established, which kept in a line will lead through the middle channel between Kongsholmen and Drottningsskär into the roadstead of Carlskrona, viz. :—

A white light from the eastern point of the Royal Dockyard, Carlskrona, visible from west round by north and east to E.S.E., and a *red* light from the mast of a vessel moored in the roadstead.

Leading Lights, Sandhamn Entrance to Stockholm.

At the pilot station of Sandhamn two lights will be exhibited to guide vessels between the outer shoals to an anchorage off the pilot station.

The inner light will be a *white* light, placed on the side of a house.

The outer light will be a *red* light, placed on a pillar near the shore.

Position, 59° 17' 30" N., long. 18° 56' East.

All the above new and altered lights will probably be exhibited on the 1st October, but it is the intention of the Swedish Government to give further Notices respecting them.

[All bearings are magnetic. Variation 12½° Westerly in 1870.]

By Command of their Lordships,

GEO. HENRY RICHARDS, Hydrographer.

Hydrographic Office, Admiralty, London,

31st March 1870.

This Notice affects the following Admiralty Charts :—Kattagat, No. 2114 ; Baltic General, Nos. 2262 and 2842 *a, b* ; Carlskrona Harbour, Nos. 2223 and 137 ; Oland to Landsort, No. 2361 ; Landsort to Gulf of Bothnia, No. 2362 ; Falsterbö Cape to Kalmar Sund, No. 2360 ; also, Baltic Lights List, Nos. 431 and 411.

NOTICE TO MARINERS.

(No. 34.)—ENGLAND.—WEST COAST, BRISTOL CHANNEL.

Alteration in position of West Cardiff Buoy.

The Trinity House, London, has given Notice that the Cardiff Grounds sand having extended to the southward, the West Cardiff Buoy has been moved in that direction, and now lies in 3½ fathoms at low water springs, with the following marks and bearings :—

The east side of Steepholm Island just open of the west end of Flatholm half-tide mark.

The railway swing bridge over the Taff river in a line with Penarth Head, N. ½ E.

Ranie Spit Buoy, W. ½ S. half a mile.

Monkstone Beacon, E. by S. 1¼ miles.

WEST COAST.

Temporary Light Vessel at Fleetwood.

Also that, in consequence of the screw pile lighthouse at Fleetwood having been destroyed, and until another is erected, a vessel with two masts, and painted red, exhibiting a *similar* light, has been moored by the harbour authorities in 4 fathoms at low water springs, a quarter of a mile N.W. by N. from the old pile lighthouse.

[All bearings are magnetic. Variation 22½° Westerly in 1870.]

By Command of their Lordships,

GEO. HENRY RICHARDS, Hydrographer.

Hydrographic Office, Admiralty, London,

31st March 1870.

This Notice affects the following Admiralty Charts :—Bristol Channel, No. 1179 ; Nash Point to New Passage, No. 2682 ; Cardiff and Penarth Roads, No. 1182 ; Irish Channel, No. 1825 *b* ; Ireland, East Coast, No. 1824 *a* ; Morecambe Bay, No. 2010 ; Formby to Fleetwood, No. 1965 ; and Fleetwood to Solway Firth, No. 1826 ; also, British Lights List, No. 344.