

The Calshot Spit (a refuge buoy) remains Black. The Old Castle buoy has been altered from White to Red (can).

The N.E. Bramble buoy has been altered from Black and white chequered, to Red (can) and marked Hill Head.

The East Bramble buoy has been altered from White to Red and white striped vertically (conical).

The East Bramble buoy has been moved S.E. by E.  $\frac{1}{2}$  E. 9 cables from its former position, and now lies in 19 feet water, with West Cowes Mill, open west of the Bathing house, bearing W. by S.  $\frac{1}{2}$  S.; Hill Head buoy in line with Calshot Castle N.W. by N. distant  $1\frac{1}{2}$  miles; West Bramble buoy W. by N.  $\frac{3}{4}$  N.  $2\frac{1}{10}$  miles; West Middle buoy W. by S.  $\frac{1}{4}$  S.  $1\frac{3}{10}$  miles; and East Middle buoy S. by E.  $\frac{3}{4}$  E.  $1\frac{1}{2}$  miles.

The West Middle buoy has been altered from Black to Red and white bands (can).

The East Middle buoy has been altered from Black to Red and white bands (conical).

The Peel bank buoy has been altered from White to Red.

The West Sturbridge buoy has been altered from White to Black and white bands (can).

The East Sturbridge buoy has been altered from White to Black and white bands (conical).

The Sand Head buoy has been altered from Red and white chequered to Black and white chequered.

Eastern Entrance to Spithead—Western Side.

The S.E. Princessa buoy has been altered from Black to Black and white chequered, with staff and cage (conical).

The S.E. Princessa buoy has been moved E. by S.  $\frac{1}{2}$  S.  $4\frac{1}{2}$  cables from its former position, and now lies in 29 feet water, with red Clay Cliff, in Sandown Bay, just open of Culver Cliff, bearing W. by N.  $\frac{3}{4}$  N.; a high round tree on St Helen's Down, in line with the Flagstaff on Bembridge Point, N.N.W.  $\frac{3}{4}$  W.; Dunnose W. by S.  $\frac{1}{4}$  S. distance 7 miles; N.W. Princessa buoy N.W.  $\frac{1}{2}$  W. nine-tenths of a mile; Bembridge Ledge buoy N. by W.  $\frac{1}{4}$  W.  $1\frac{3}{10}$  miles; Warner Light Vessel N. 4 miles; Nab Light Vessel N.E.  $\frac{3}{4}$  E.  $2\frac{1}{10}$  miles; and the Nab buoy N. by E.  $1\frac{5}{10}$  miles.

The N.W. Princessa buoy has been altered from White to Black and white striped vertically (can).

The Bembridge buoy has been altered from Black to Black and white chequered (can).

The Nab Rock buoy has been altered from Red to Black and white bands (can).

NOTE.—The No-man's Land and the Horse buoys have been removed.

Eastern Side.

The Shelly buoy has been altered from Red and white bands to Black (conical).

The Eastborough Head buoy has been altered from Black and globe to Black and white chequered, with a staff and cage.

The Owers Middle buoy has been altered from Black and white striped to Black and white chequered (can).

The Pullar buoy has been altered from Red to Black and white striped vertically (conical).

The Street buoy has been altered from Black and white chequered to Black (conical).

The Bullock Patch buoy has been altered from Red to Black (can).

The Boyne (wreck) buoy has been altered from white to green (nun).

Entrance to Portsmouth Harbour.

The buoys marking the port side of the channel in entering are chequered black and white; and those marking the starboard side are black.

By Command of their Lordships,

GEO. HENRY RICHARDS, Hydrographer.  
Hydrographic Office, Admiralty, London,  
17th October 1868.

This Notice will affect the following Admiralty Charts:—England, South Coast, Sheets 4 and 5, Nos. 2450, 2451; and Owers to Christchurch, including Spithead, No. 2045. Also, Channel Pilot, Part I., pp. 140–204.

#### NOTICE TO MARINERS.

(No. 101.)—BAL TIC SEA, RUSSIA.

Fixed Light at Libau.

The Russian Government has given notice that a light is now exhibited from a lighthouse recently constructed at the entrance of the port of Libau, coast of Courland.

The light is a *fixed* white light, showing a bright flash of *four or five seconds* duration *every minute*; it is elevated 103 feet above the level of the sea, and in clear weather should be seen from a distance of 12 miles.

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

The tower is round and 95 feet high, is built of iron, and painted red. Position, lat.  $56^{\circ} 31' N.$ , long.  $20^{\circ} 59\frac{3}{4}' E.$  East of Greenwich.

#### GULF OF FINLAND.

Fixed Light at Hangö Head Road.

Also that, in the year 1868, a light would be established at the entrance of Hangö Head Road, North-west point of Gulf of Finland.

The light is a *fixed red and white* light, showing red towards the entrance of the Road and white towards the anchorage.

The tower is situated on the north-east point of Gustafssvard Island.

#### GULF of BOTHNIA.—ALAND ISLANDS.

Revolving Light on Skelskär.

Also that, from the end of the month of August 1868, a light would be exhibited from a lighthouse recently constructed on the Skelskär, entrance of the Gulf of Bothnia.

The light is a *revolving* light, showing *red and white* alternately for *thirty seconds*.

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

The position of the tower as given is in lat.  $60^{\circ} 24\frac{3}{4}' N.$ , long.  $19^{\circ} 34' E.$  East of Greenwich.

Light Vessel on the Snipan Bank.

Also that, from the commencement of the month of August 1868, a light vessel would be placed as a mark for the Snipan bank, Gulf of Bothnia.

The light is a *fixed red* light, elevated 20 feet above the sea, and in clear weather should be seen from a distance of 7 miles.

The illuminating apparatus is catoptric or by reflectors.

The light vessel has two masts, and is painted yellow, with the word *Snipan* in large white