

NOTICE TO MARINERS.

(No. 100.)—ENGLAND—SOUTH COAST.

Alteration of Buoys marking the approaches to Portsmouth Harbour, including the Looe Stream.

WITH reference to Notice to Mariners No. 33, dated 9th April 1868, describing the intended alterations in the buoyage of the approaches to Portsmouth Harbour;—Notice is hereby given, that in conformity therewith, the following alterations have been effected.

Needles Channel and Solent to Spithead.

The S.W. Shingles buoy has been altered from Red to Red and white chequered (conical).

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

The N.E. Shingles buoy has been altered from Red and white chequered, to Red and white bands (can).

The Warden Ledge buoy has been altered from Black to Red (can).

The Black Rock buoy has been altered from White to Red (can).

The Lymington Spit buoy has been altered from Red to Red and white chequered (can).

The Hampstead Ledge buoy has been altered from White to Red (can).

The Salt Mead buoy has been altered from White to Red (can).

The Lepe Middle buoy has been altered from Black to Red and white striped vertically (can).

The Gurnet Ledge buoy has been altered from White to Red (can).

The Thorn Knoll buoy has been altered from Black and white chequered, to Red and white bands (can).

The West Bramble buoy has been altered from Red to Red and white chequered with staff and a cage (conical).

The Prince Consort buoy has been altered from White to Red (can).

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. $2\frac{6}{10}$ 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. $\frac{1}{4}$ 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. distant 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. $2\frac{6}{10}$ miles; and the Nab buoy N. by E. $1\frac{6}{10}$ 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.)—BALTIC 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.