

NOTICE TO MARINERS.

(No. 20.)—NORWAY—WEST COAST.

The Royal Norwegian Marine Department at Christiania has given notice, that on and after the 1st day of September 1862, the following lights will be established on the west coast of Norway.

Light at Buholmen.

A *fixed* white light will be exhibited from the north side of Buholmen, at the northern entrance to Brönösund, visible from the northward when bearing between S. by W. $\frac{1}{4}$ W. and W. by N. $\frac{3}{4}$ N., and from the southward between N.E. by N. and E. by S. $\frac{3}{4}$ S. It is placed at an elevation of 42 feet above the mean level of the sea, and should be seen in clear weather from a distance of 10 miles. The position of the light is lat. $65^{\circ} 28' 30''$ N., long. $12^{\circ} 13' 30''$ East of Greenwich.

When approaching Brönösund from the northward or southward, by keeping the light in sight a vessel will clear all dangers. In approaching from the northward and being westward of Salhusrogn, the light should not be brought to bear more southerly than S. b. by W. $\frac{1}{2}$ W., when a vessel should steer for it until the entrance westward of Buholmen is seen; then with the light on port side steer S.W. into the Sound. The light will be shown from the 15th day of August to the 1st day of May.

Light at Reine.

Also that a *fixed* white light will be exhibited from the southern point of Olenilsöens island, at the entrance to Reine harbour, visible when bearing from W. by S. round north and east to S. by E. It is placed at an elevation of 41 feet above the mean level of the sea, and should be seen from a distance of 6 miles. The position of the light is lat. $67^{\circ} 55' 50''$ N., long. $13^{\circ} 8' 30''$ East of Greenwich.

The channel between Lamholm and Langskjær islands will be open when the light bears between N. $\frac{1}{4}$ E. and N.N.E. This passage, as well as that northward of Langskjær, is clear of danger. In entering a vessel should keep westward of the light and between it and the Fiskeskjærene rocks, lying about $1\frac{1}{2}$ cables W.N.W. of the light. There is good anchorage everywhere in the bay as well as close inside Langskjær and Lamholm. The light will be shown from the 1st day of September to the 14th day of April.

Light at Orsvaag.

Also that a *fixed* white light will be shown from the north-east side of Sagöen island, at the entrance to Orsvaag harbour, visible when bearing from E.N.E. round north and west to S.E. It is placed at an elevation of 92 feet above the mean level of the sea, and should be seen from a distance of 6 miles. The latitude of the light is $68^{\circ} 11' 40''$ N., long. $14^{\circ} 27'$ East of Greenwich.

The usual and best anchorage is with the light bearing S. by W. About $1\frac{1}{2}$ cables N. by W. of the light is a sunken rock with 9 feet over it, at low water. The light will be shown from the 1st day of September to the 14th day of April.

[All bearings are magnetic.]

By Command of their Lordships,

JOHN WASHINGTON, Hydrographer.

Hydrographic Office, Admiralty, London,
28th August 1862.

This Notice affects the following Admiralty Charts:—Coast of Norway and Lapland, No. 2303; Norway, Sheet 7, No. 2309; Sheet 9, No. 2311; and Sheet 10, No. 2310.

NOTICE TO MARINERS.

(No. 21.)—NORWAY—WEST COAST.

The Royal Norwegian Marine Department at Christiania has given notice, that on and after the 1st day of September 1862, the following lights will be established on the west coast of Norway:—

Light at Hjertholmen.

A *fixed* white light will be exhibited from the east side of Hjertholmen, at the entrance to the harbour of Lödingens (Roholmens), visible when bearing from S.W. $\frac{3}{4}$ S., round west and north to N.E. by N. It will be elevated 67 feet above the mean level of the sea, and should be seen from a distance of 10 or 12 miles. The lat. of the light is $68^{\circ} 24' 40''$ N., long. $16^{\circ} 3'$ East of Greenwich.

The light bearing N.E. by N. will lead a cable eastward of the Rotvær rocks, as well as clear of Smælrumpen and Smalen. The light bearing S.W. $\frac{3}{4}$ S. will lead about three-quarters of a cable eastward of Strandodden, and also clears the Falken rock.

Vessels should pass eastward of Hjertholmen, which is clear of dangers on the north and east sides, to the distance of half a cable from the land, with the exception of Havneskallen bank, over which there are 16 feet of water at low tide, lying about 3 cables N.E. by N. from the light. The light will be shown from the 15th day of August to the 1st day of May.

Light at Fladholmen.

Also that a *fixed* white light will be exhibited from the north-west point of Fladholmen, eastward of Rot, visible when bearing from S.W. by W. westerly, round by south and east to N.E. by N. It is placed at an elevation of 43 feet above the mean level of the sea, and should be seen from a distance of 8 miles. Its position is lat. $58^{\circ} 55' 18''$ N., long. $5^{\circ} 33' 40''$ East of Greenwich.

There is good anchorage in 9 or 10 fathoms water on the east side of Fladholmen, between it and Staholmen. Steer northward of Fladholmen, which is clear of dangers at a distance of about 10 fathoms from the land.

Light on Tungenæs Point.

Also that a *fixed* white light will be exhibited about 500 yards north-westward of the old lighthouse on Tungenæs point, about $5\frac{1}{2}$ miles north-west of Stavanger. The light will be visible when bearing from E. to N. $\frac{1}{4}$ N., round by south and west from the direction of Hundvaagöen. It is placed at an elevation of 32 feet above the mean level of the sea, and should be seen from a distance of 6 miles. Its position is lat. $59^{\circ} 2' 6''$ N., long. $5^{\circ} 34' 14''$ East of Greenwich. The old light will be discontinued.

The light bearing E. by N. $\frac{1}{4}$ N. leads about two cables northward of the Villeboen.

The Bragen rock, with an iron pillar on it, lies N.N.W. $\frac{1}{4}$ W. from the light. Vessels anchoring off the light should avoid the Tunge reefs, lying W. by N. $\frac{1}{2}$ N., and N.N.W. $\frac{1}{4}$ W. of it. Also the Skodholm bank, lying W. $\frac{1}{2}$ S. of the light, and a cable from the land. The light will be shown from the 15th day of July to the 16th day of May.

[All bearings are magnetic.]

By Command of their Lordships,

JOHN WASHINGTON, Hydrographer.

Hydrographic Office, Admiralty, London,
28th August 1862.

This Notice affects the following Admiralty Charts:—Coasts of Norway and Lapland, No. 2303; Norway, Sheet 10, No. 2312; and Sheet 1, No. 2281; and North Sea, General, No. 2339. Also Norwegian Lights List, No. 314.