

Charts:—Eastern Archipelago, No. 941b; Sourabaya, Bala, and Sapoeidie Straits, No. 934; Anchorages on the coast of Java, No. 932.

NOTICE TO MARINERS.

(No. 158.)—ENGLAND—EAST COAST.

YARMOUTH AND LOWESTOFT.

Intended Alteration in Buoyage.

THE Trinity House, London, has given notice, that during the month of September, 1880, the following alterations and additions will be made to the buoyage in the vicinity of Yarmouth and Lowestoft Roads.

Covehithe Channel and Barnard Sand.—Inner Barnard Buoy will be moved $2\frac{1}{4}$ cables S.W. by W. $\frac{1}{2}$ W.

South Barnard Buoy will be moved 4 cables S.W. $\frac{1}{4}$ W.

A can buoy (red) to be named the S.E. Barnard will be placed 5 cables N.E. $\frac{1}{4}$ E. from the present position of South Barnard Buoy.

Newcombe Sand.—West Newcome Buoy will be moved one cable W.N.W.

Corton Sand.—South Corton Buoy will be moved three-quarters of a cable to the eastward.

Scroby Sand.—S.W. Scroby Buoy will be moved 3 cables to the northward.

Scroby Elbow Buoy (bell) will be moved $2\frac{1}{2}$ cables N.N.E. $\frac{3}{4}$ E.

West Scroby Buoy will be moved $2\frac{1}{2}$ cables N.N.E. $\frac{3}{4}$ E.

Middle Scroby Buoy will be moved $2\frac{1}{2}$ cables to the northward.

Cross Sands.—East Cross Sand Buoy will be moved $2\frac{1}{2}$ cables S.E. by S.

A conical buoy (black) with staff and cross, to be named N.E. Cross Sand Buoy, will be placed 6 cables S. by W. $\frac{1}{2}$ W. from the present position of North Cross Sand Buoy.

North Cross Sand Buoy will be moved $1\frac{1}{10}$ mile N. by E. $\frac{1}{4}$ E.

CAUTION.—Mariners are warned that considerable alterations have taken place in the Cross Sands, and that it is dangerous to pass westward of the buoys, until within a short distance of Newarp Light-vessel.

NOTE.—In consequence of the alterations in the Cross Sands, Newarp Light-vessel will not be moved as intended (see Notice to Mariners, No. 59 (2), of 14th April 1880.)

Haisboro' Sand.—North Haisboro' Buoy will be moved 5 cables N.W.

Further notice will be given when these alterations and additions have been effected.

[The bearings are magnetic. Variation $17\frac{1}{4}^{\circ}$ Westerly in 1880.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,

8th September, 1880.

This Notice affects the following Admiralty Charts:—English Channel, Nos. 2675a; North Sea, Nos. 2339 and 2182a; St. Abbs Head to Thames River, No. 2902a; Pakefield Gateway to Orfordness, No. 102; Orfordness to Cromer, No. 1630; Yarmouth and Lowestoft Roads, No. 1543. Also, North Sea Pilot, Part III, 1874, pages 148 to 170.

NOTICE TO MARINERS.

(No. 159.)—ENGLAND—EAST COAST.

Lowestoft Low Light—Intended Alteration in Character.

THE Trinity House, London, has given notice, that in January, 1881, the following alteration will be made in the character of the low light at Lowestoft:—

The light will be made occulting—that is to say, it will, once in every half-minute, suddenly disappear for three seconds, and then, as suddenly, re-appear at full power.

Further notice will be given when the alteration has been effected.

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,

8th September, 1880.

This Notice affects the following Admiralty Charts:—North Sea, Nos. 2339 and 2182a; English Channel, No. 2675a; Thames River to St. Abbs Head, No. 2902a; Orfordness to Cromer, No. 1630; Yarmouth and Lowestoft Roads, No. 1543. Also, Admiralty List of Lights in the British Islands, 1880, No. 139; and North Sea Pilot, Part III, 1874, page 163.

NOTICE TO MARINERS.

(No. 160.)—BAL TIC—GULF OF BOTENIA.

SWEDEN—EAST COAST.

(1.) *Hudiksvall—Leading Light on Saltviks Udde.*

WITH reference to Notice to Mariners, No. 51 (3), of 16th April, 1879, and 171 (1), of 5th November, 1879, on the intended exhibition of a leading light on Saltvik Udde, western side of entrance to Hudiksvall Fiärd:—

The Swedish Government has given further notice, that on the 1st August, 1880, the light was exhibited from the gable end of the lighthouse building:—

The light, elevated 24 feet above the sea, and visible in clear weather from a distance of 10 miles, shows a red flashing with one flash between the bearings of N. 20° W. and N. $26\frac{1}{4}^{\circ}$ W.; fixed white between N. $26\frac{1}{4}^{\circ}$ W. and N. $28\frac{3}{4}^{\circ}$ W.; and white flashing and two flashes between N. $28\frac{3}{4}^{\circ}$ W. and N. $32\frac{1}{2}^{\circ}$ W.

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

Position approximate, lat. $61^{\circ} 40' 30''$ N., long. $17^{\circ} 19' 30''$ E.

NOTE.—The fixed white light leads between the sea marks clear of shoals.

This light will be exhibited annually from 1st August to 15th December.

(2.) *Leading Light on Rönnskär.*

Also, with reference to Notice to Mariners, No. 62 (5), of 19th April, 1880, on the intended exhibition of a leading light from the pilots' house on Rönnskär, southern approach to Pitea:—

Further notice has been given, that on 1st August, 1880, the light was exhibited:—

The light is a fixed red light, visible between the bearings S. 59° W. (through west) and N. 48° W.; and between N. 45° W. through north) and N. 76° E.; it is elevated 23 feet above the sea, should be visible in clear weather from a distance of 5 miles.

Position approximate, lat. $65^{\circ} 3' 30''$ N., long. $21^{\circ} 33' 30''$ E.

NOTE.—The light is obscured through the sector between N. 45° W. and N. 48° W., by a small church situated in front of it. Mariners approaching from the southward are cautioned that Nygrunden Shoal lies within this sector.

Vessels wanting a pilot should keep within the limits of the light.

This light will be exhibited annually from 1st August to 15th November.

[The bearings are magnetic. Variation Hudiksvall $8\frac{1}{2}^{\circ}$, Rönnskär $5\frac{3}{4}^{\circ}$, Westerly in 1880.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,

9th September, 1880.