

NOTICES TO MARINERS.

(Nos. 621 to 625 of the year 1903.)

[The bearings are magnetic, and those concerning the visibility of lights are given from seaward.]

No. 621.—BALTIC—SWEDEN, SOUTH-EAST COAST, SANDÖ APPROACH.

*Almas Grund—Shoals Eastward of.
Gronskär Light—Character Unaltered.*

With reference to Notices to Mariners Nos. 329 and 952 of 1902:—

The Swedish Government has given further notice, dated 15th July, 1903, of the existence of the undermentioned Shoal Heads eastward of Almas Grund:—

1. A shoal, with a depth of $3\frac{3}{4}$ fathoms over it, situated at a distance of $2\frac{6}{10}$ miles, N. 54° W. from Almagrundet light-vessel.

2. A shoal, with a depth of 6 fathoms over it, situated at a distance of $2\frac{1}{2}$ miles, N. 62° W. from Almagrundet light-vessel.

3. A shoal, with a depth of $5\frac{1}{2}$ fathoms over it, situated at a distance of $2\frac{3}{10}$ miles N. 74° W. from Almagrundet light-vessel.

Approximate position, Almagrundet light-vessel, lat. $59^\circ 9'$ N., long. $19^\circ 8'$ E.

In consequence of the existence of the above and other dangers which have recently been found in this locality, the character of Gronskär light will remain white fixed, and will not be altered, as stated in the above mentioned notices.

[Variation 5° Westerly in 1903.]

This Notice affects the following Admiralty Chart:—Landsort to Gulf of Bothnia, No. 2362. Also, List of Lights, Part III, 1903, No. 959; and Baltic Pilot, Part II, 1896, page 145.

No. 622.—NORTH PACIFIC—CAROLINE ISLANDS.

Guam Island—Banks South-Westward of.

The United States Government has given notice, dated 4th July, 1903, that the following banks were found by Lieutenant F. H. Schofield, commanding United States ship "Supply," when searching for Galvez and Santa Rosa reefs, to the south-westward of Guam Island:—

1. A bank, about $2\frac{1}{2}$ miles long in an easterly and westerly direction, and $1\frac{1}{2}$ miles broad, with depths of from 22 to 40 fathoms over it, the centre being approximately lat. $12^\circ 58'$ N., long. $144^\circ 22'$ E.

2. A bank of small extent, with depths of from 22 to 32 fathoms over it, in approximately lat. $13^\circ 2'$ N., long. $144^\circ 26'$ E.

3. A bank, extending about $1\frac{3}{4}$ miles in a northerly and southerly direction, with depths of from 28 to 46 fathoms over it, in approximately lat. $13^\circ 4'$ N., long. $144^\circ 25'$ E.

This Notice affects the following Admiralty Chart:—Plan of Mariana or Ladrone Islands on Chart No. 1101. Also, Pacific Islands, Vol. I, 1900, pages, 444, 445.

No. 623.—BLACK SEA—DNIESTR ESTUARY.

Tsarigrad Mouth—Position of Fog Signal.

The Russian Government has given notice, dated 5th July, 1903, that a fog bell, which

during thick or foggy weather will be sounded twice in quick succession at intervals not exceeding three minutes, has been established on a black wooden scaffold erected at a distance of about 40 yards S. 70° E. of the main light (fixed and group flashing) at the Tsarigrad mouth of the Dniestr River.

Approximate position, lat. $46^\circ 5'$ N., long. $30^\circ 28\frac{1}{2}'$ E.

The small fog bell at the pilot or lifeboat station has been discontinued.

[Variation 2° Westerly in 1903.]

This Notice affects the following Admiralty Chart:—Dniestr Estuary, No. 2208. Also, List of Lights, Part V, 1903, No. 1161; and Sailing Directions, &c., Black Sea, 1900, page 198.

No. 624.—ENGLAND—EAST COAST.

Tees Bay—Alteration in Position of Ballast Buoys.

Information, dated 23rd July, 1903, has been received from the Tees Conservancy Commissioners that the two ballast buoys in Tees Bay have been moved farther seaward; the westernmost buoy is now situated 10 cables N. 45° E. from its former position, or $4\frac{7}{10}$ miles N. 61° E. from South Gare Lighthouse; and the easternmost buoy 10 cables N. 47° E. from its former position, $4\frac{8}{10}$ miles N. 64° E. from South Gare Lighthouse.

Approximate position, South Gare Lighthouse, lat. $54^\circ 38\frac{3}{4}'$ N., long. $1^\circ 8'$ W.

[Variation 17° Westerly in 1903.]

This Notice affects the following Admiralty Charts:—Flamborough Head to Hartlepool, No. 1191; Hartlepool to St. Abbs Head, No. 1192; Tees Bay, No. 2567; North Sea Pilot, Part III, 1897, page 107; and Supplement, 1900, page 10.

No. 625.—ENGLAND—EAST COAST.

East Dudgeon Shoals—Extension of.

Notice is hereby given that a recent examination by Captain H. E. Purey-Coust, His Majesty's Surveying vessel "Triton," of the East Dudgeon shoals, shows that they have extended in a northerly and southerly direction; the northern limit as defined by the 10-fathom contour line is now situated about $1\frac{1}{2}$ miles N. 15° W. from the East Dudgeon Bell Buoy. To the southward there is a line of patches, with depths over them of between 4 and 5 fathoms, extending nearly to the Dudgeon Shoal.

Vessels of heavy or moderate draught should not therefore pass between the East Dudgeon and Dudgeon Shoals.

Approximate position, E. Dudgeon Buoy, lat. $53^\circ 19\frac{1}{2}'$ N., long. $0^\circ 59'$ E.

[Variation 16° Westerly in 1903.]

This Notice affects the following Admiralty Charts:—Orfordness to Blakeney, No. 1680; Blakeney to Flamborough Head, No. 1190. Also, North Sea Pilot, Part III, 1897, page 209.

By command of their Lordships,

W. J. L. Wharton, Hydrographer.

Hydrographic Office, Admiralty, London,
29th to 30th July, 1903.