

red light, 15 feet above the ground, indicates the direction to be followed to enter the port of Almissa clear of the bank westward of the port.

The illuminating apparatus is dioptric, or by lenses.

Position, lat. $43^{\circ} 26' 20''$ N., long. $16^{\circ} 41' 50''$ E.

Also, a fixed white light is exhibited from the head of the Mole at Almissa, visible over an arc of 270° , and obscured over the bank westward of Almissa; it is elevated 20 feet above the sea, 17 feet above the ground, and should be visible in clear weather from a distance of two miles.

NOTE.—With strong northerly winds, it may not be possible to exhibit this light.

Position, lat. $43^{\circ} 26' 30''$ N., long. $16^{\circ} 41' 5''$ E.

Also, on the same date, the fixed red light, hitherto shown near the Francesan Convent when the steam vessels of the Austro-Hungarian Lloyds were expected, was discontinued.

Position, lat. $43^{\circ} 26' 20''$ N., long. $16^{\circ} 41' 53''$ E.

(2.) *Port Gravosa—Temporary Light on Mole in course of construction.*

Also, dated 10th December, 1887, that a temporary light is exhibited from the new mole in course of construction in Port Gravosa, Dalmatia, eastern shore of Adriatic:—

The light is a fixed white light, situated on the western angle of the new mole in course of construction, and bearing S. by E. $\frac{1}{4}$ E., distant about 165 yards from Santa Croce Mole.

Position (approximate), lat. $42^{\circ} 39' 30''$ N., long. $18^{\circ} 5' 20''$ E.

[The bearing is magnetic. Variation 8° Westerly in 1888.]

By command of their Lordships,
W. J. L. Wharton, Hydrographer.

Hydrographic Office, Admiralty, London,
12th January, 1888.

This Notice affects the following Admiralty Charts (2 temporarily):—Adriatic Sea, No. 1440 (1, 2); Zirona Channel to Curzola, No. 2712 (1); Ports and anchorages in Dalmatia, with plan of Almissa Road, No. 1612 (1); Curzola to Cattaro, with plan of Port Gravosa, No. 2713 (2). Also, Admiralty List of Lights in the Mediterranean, 1887, No. 514, pages 46, 48; and Mediterranean Pilot, Vol. III, 1880, pages 188, 228.

NOTICE TO MARINERS.

(No. 9 of the year 1888.)

CHINA—EAST COAST.—YANG-TSE-KIANG.

(1.) *Outer Bar—Temporary Alteration in character of Light, and Change of Light-Vessel.*

THE Chinese Government has given notice, that on 5th Decembr, 1887, the following alteration would be made in the character of the light exhibited from the light-vessel moored at the outer bar; also that the light-vessel "Tungsha" would be withdrawn for repairs, and the light-vessel "Newchwang" would be placed in her station, at the entrance to the Yang-tse-Kiang:—

The light is a fixed white light, and should be visible in clear weather from a distance of 11 miles.

The light-vessel is painted red, with "Newchwang" painted in white letters on each side; she has three masts, the mainmast carrying a black ball, and a small white riding light is hoisted on the forestay, at a height of 6 feet above the rail.

The "Tungsha" will return to her station, when her repairs are completed,

The fog signal is the same as heretofore, a steam fog horn, which, during thick or foggy weather, will be sounded at intervals of 10 seconds.

Position, lat. $31^{\circ} 8' 20''$ N., long. $122^{\circ} 0' 15''$ E.

KOREA—EAST COAST.

TSAU-LIANG-HAI OR FUSAN HARBOUR.

(2.) *Green Light at Custom House.*

Information has been received, that a green light is shown from the Custom House, Tsaus-liang-hai Harbour.

Position (approximate), lat $35^{\circ} 6' N.$, long. $129^{\circ} 1' 45'' E.$

By command of their Lordships,

W. J. L. Wharton, Hydrographer,
Hydrographic Office, Admiralty, London,
12th January, 1888.

This Notice affects the following Admiralty Chats:—(1 temporarily):—Kweshan Islands to the Yang-tse-Kiang, including the Chusan Archipelago, No. 1199 (1); Yang-tse-Kiang, from the sea to Nanking, No. 1480 (1); approaches to the Yang-tse-Kiang, No. 1602 (1); Tsaus-liang-hai or Chosan Harbour, No. 1259 (2). Also, Admiralty List of Lights in South Africa, &c, 1887, No. 271, page 54; China Sea Directory, Vol. III, 1884, page 422; China Sea Directory, Vol. IV, 1884, pages 117–120; and Supplement, 1886, to China Sea Directory, Vol. IV, page 39.

NOTICE TO MARINERS.

(No. 10 of the year 1888.)

NORTH SEA.—NETHERLANDS COAST.

(1.) *Leading Lights at Goedereede Harbour Entrance.*

THE Netherlands Government has given notice, that on 22nd December, 1887, two leading lights were exhibited at the entrance to Goedereede Harbour, Goeree, mouth of the Maas:—

The front light is a fixed white light, elevated 19 feet above high water.

Position, latitude $51^{\circ} 49' 53'' N.$, longitude $4^{\circ} 0' 37'' E.$

The rear light is a fixed white light, elevated 15 feet above high water; it bears W.S.W., distant 140 yards from the front light; the lights kept in line serve as leading lights for entering the harbour.

(2.) *Schiermonnikoog—Ice Signals at Northern Lighthouse Discontinued.*

Also, that on 1st January, 1888, the ice signals hitherto shown from the northern lighthouse, on Schiermonnikoog, coast of the Netherlands, would be discontinued.

JUTLAND—WEST COAST.

(3.) *Graa Deep—Light and Automatic Signal Buoy placed Westward of Bar, and Light-Buoy on Bar withdrawn.*

The Danish Government has given notice, that on 21st December, 1887, a light and automatic signal buoy was placed westward of the Bar of Graa Deep, west coast of Jutland:—

The light is a fixed white gas light, elevated 12 feet above the sea.

The buoy is an automatic whistle buoy, conical in shape, and painted black, surmounted by an iron staff to which the lantern is fixed; it is moored in 31 feet at low water, with S. Jessen's sand beacon bearing E. $\frac{1}{2}$ N., distant 4 miles.

Position, lat. $55^{\circ} 26' N.$, long. $8^{\circ} 15' 20'' E.$

The black can buoy, which was temporarily moored in the above position, has been withdrawn.

Also, with reference to Notice to Mariners, No. 310 (2), of 19th November, 1887, on a light-buoy having been placed on the Bar of Graa Deep, west coast of Jutland:—

The Danish Government has given further Notice, dated 28th December, 1887, that the light-buoy has been withdrawn, and a spherical buoy, painted black, has been moored in its place.