

was 4 feet. The reef lies with the following bearings, viz. :—

Carimata Peak, S. 34° E.

Panambungan North Peak, S. 81° E.

Position as given, lat. 1° 3' S., long. 108° 33' E.

During the "Foxhound's" stay, the current set W.S.W. from 1 to 2 knots per hour. The rise of tide was observed to be about 7 feet, one high and one low water occurring in the 24 hours.

YELLOW SEA.

(3.) *Sunken Danger westward of Hai-yun Island.*
The following information has been received from Vice-Admiral Robert Coote, C.B., Commander-in-Chief on the China Station, relative to a sunken danger lying about 1½ miles westward of Hai-yun (Hai-yang-tao) Island, approach to Thornton Haven :—

This danger (Chen-t'ien-chiao or curved sunken rock), on which H.I.C.M.S. "Chen-tung" grounded on 13th May, 1880, is about 30 yards square, with 5 feet on its shoalest pinnacle, 7 to 8 fathoms close, and 21 fathoms around. It lies with the following bearings, viz. :—

Zöe Head, N. 31½ E.

South Extreme Hai-yun Island, S. 67° E.

[The bearings are magnetic. Variation, Carimata Strait 1½° Easterly, Hai-yun Island 3½° 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 :—

(1.) Eastern Archipelago, No. 941*b*; plan of Belling and Sangsit Roads, on Chart, No. 934. Also, Admiralty List of Lights in South Africa, &c., 1880, page 20.

(2.) Indian Ocean, No. 748*b*; Eastern Archipelago, No. 941*a*; Carimata Strait, No. 2160. Also, China Sea Directory, Vol. I, 1878, page 317.

(3.) Nipon Island, &c., No. 2347; Pecheli and Liau-tung Gulfs; Hai-yun Island, No. 2847. Also, China Sea Directory, Vol. III, 1874, page 487.

NOTICE TO MARINERS.

(No. 155.)—CHINA—EAST COAST.

YANG-TSE-KIANG.

(1.) *Kiu Toan Light-vessel—Temporary Change of Light-vessel and in Fog Signal.*

The Chinese Government has given notice, dated 9th July, 1880, that Kiu Toan Light-vessel will be withdrawn from her station for repair, and that Taku Light-vessel will temporarily take her place.

The light shown from Taku Light-vessel is a fixed white light, elevated 35 feet above the sea, and should be visible in clear weather from a distance of 10 miles.

The illuminating apparatus is dioptric, or by lenses.

This light-vessel is painted red, with the word Taku in white letters on her sides, and has one mast surmounted by an 8-foot ball painted black.

During thick or foggy weather, a gong will be sounded at intervals of one minute.

(2.) *Kiu Toan Light-vessel—Intended Alteration in Position.*

Also, that after Kiu Toan Light-vessel has been repaired, she will be moored in 3 fathoms water on the north side of the channel, with the following bearing and distance, viz. :—

Kiu Toan Lighthouse, S. 67° W., distant about 2½ miles.

NOTE.—In order to avoid the south-eastern

part of Block House Shoal, vessels should not bring Kiu Toan Light-vessel (in her new position) westward of the bearing N. 37½° W., when within the distance of 4 miles seaward of her.

[The bearings are magnetic. Variation 2° 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 :—Formosa and Japan, islands between, No. 2412; Yang-tse-Kiang to Nankin, No. 1480; Hieshan Islands to Yang-tse-Kiang, No. 1199; Yang-tse-Kiang Entrance, No. 1602. Also, Admiralty List of Lights in South Africa, &c., 1880, No. 174; and China Sea Directory, Vol. III, 1874, page 348.

NOTICE TO MARINERS.

(No. 156.)—ENGLAND—EAST COAST.

HUMBER RIVER.

Leading Lights at Newsham Booth.

THE Trinity House, Hull, has given notice, that in September, 1880, in order to facilitate the navigation of the river, two leading lights will be exhibited at Newsham Booth, about 1½ miles below Killingholme Lights, south shore of Humber River :—

The lights will be fixed white lights.

NOTE.—Vessels coming up the Humber, should keep Killingholme leading lights in line to the point where Newsham Booth lights are in line, which will then serve as leading lights until Thorngumbald Clough leading lights come in line. Further particulars will be published before these lights are exhibited.

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, No. 2182*a*; Thames River to St. Abbs Head, with plan of Humber River entrance, No. 2902*a*; Trusthorpe to Flamborough Head, No. 1190; Humber River, No. 109. Also, Admiralty List of Lights in the British Islands, 1880, page 22; and North Sea Pilot, Part III, 1874, pages 98, 104, 105.

NOTICE TO MARINERS.

(No. 157.)—EASTERN ARCHIPELAGO.

JAVA.—BALY STRAIT.

Buoy off Banjoewangie.

INFORMATION has been received, that the Eastern Extension Australia and China Telegraph Company have placed a buoy off Banjoewangie, Baly Strait, to mark the position of the telegraph cable which is laid between Banjoewangie and Port Daridin :—

The buoy, from which the cable extends in a N. 84° W. direction to the shore, is conical, painted red with staff and ball, and the word cable painted on it four times—it is moored with the following bearings, viz. :—

Kenhare Tree, N. 13° W.

Flagstaff on Banjoewangie Beach, N. 78° W.

Pakem Head, S. 30° W.

CAUTION.—Mariners should avoid anchoring in the vicinity of this submarine cable.

[The bearings are magnetic. Variation ¼° Easterly in 1880.]

By command of their Lordships,

Fredk. J. Evans, Hydrographer.

Hydrographic Office, Admiralty, London,
8th September, 1880.

This Notice affects the following Admiralty