

No. 160.—NORTH SEA AND BALTIC STATIONS.

NORTH SEA—NETHERLANDS.

RIVER SCHELDE.—ZIERIKZEE.

Val Lighthouse—Sector of Green Light.

THE Netherlands Government has given notice, dated 22nd March, 1890, that a sector of green light (the eastern limit of which indicates the position of the red buoy marking the north-west edge of Dortsman Spit) is now shown between the bearings of North and N. by W. $\frac{1}{4}$ W. from Val Lighthouse, eastward of Zierikzee Nieuwe Haven:—

Val Light, fixed, now shows red from the bearing of E.S.E., through East, to N.E. $\frac{3}{4}$ N.; white from N.E. $\frac{3}{4}$ N. to North; green from North to N. by W. $\frac{1}{4}$ W.; and again white from N. by W. $\frac{1}{4}$ W. to $\frac{1}{2}$ N.W.

Position, lat. $51^{\circ} 38' N.$, long. $3^{\circ} 55' E.$

[Variation 15° Westerly in 1890.]

This Notice affects the following Admiralty Chart:—River Schelde, No. 120. Also, Admiralty List of Lights on the Eastern Shores of the North Sea, 1890, No. 86; and North Sea Pilot, Part IV, 1887, page 126.

No. 161.—EAST INDIES, CHINA, AUSTRALIA, AND PACIFIC STATIONS.

BAY OF BENGAL.—BRITISH BURMA.—PEGU.—

BASSEIN RIVER APPROACH.

Depths on Southern Part of Alguada Reef.

THE following information has been received from Commander R. F. Hoskyn, R.N., in charge of India Marine Survey, relative to depths recently found to exist on the southern part of Alguada Reef, approach to Bassein River from the southward:—

1. A rock, with a depth of $2\frac{1}{2}$ fathoms, lies with Alguada Reef Lighthouse bearing N. $\frac{1}{4}$ E., distant $1\frac{5}{10}$ miles.

Position, lat. $15^{\circ} 40' 30'' N.$, long. $94^{\circ} 10' 30'' E.$

2. A depth of 5 fathoms was found with Alguada Reef Lighthouse bearing N. by E., distant $1\frac{8}{10}$ miles.

Position, lat. $15^{\circ} 40' N.$, long. $94^{\circ} 10' 20'' E.$

NOTE.—The tidal streams in the vicinity of Alguada Reef set with considerable velocity, and the water is much discoloured. Pending the completion of the survey of the locality vessels should keep at least three miles southward of the lighthouse, as there may be less water than that given near position (2).

[Variation 3° Easterly in 1890.]

This Notice affects the following Admiralty Charts:—Bay of Bengal, No. 70; Cocanada to Bassein River, No. 829; Bassein River to Pulo Penang, No. 830; Koronge Island to White Point, No. 823; Preparis North Channel, No. 152. Also, Bay of Bengal Pilot, 1887, pages 278–281.

No. 162.—CAPE AND EAST INDIES STATIONS.

MOUTHS OF RIVER ZAMBESI.

Information concerning River Chinde.

REFERRING to Notice to Mariners, No. 351 of 1889, on information concerning River Chinde.—The following further information has been received from Lieutenant and Commander A. F. Balfour, Her Majesty's surveying-vessel "Stork":—

Northward of River Chinde Entrance there are conspicuous sand hills on the coast; they bear N. 54° E. from the outer beacon on Mitaone Point, distant $2\frac{6}{10}$ miles.

The outer beacon (white triangle on a pole) on Mitaone Point has been shifted about 30 yards north-eastward of its previous position. A beacon

has been erected on Foot Point, consisting of a pole about 18 feet high, and surmounted by a cask, but it is not easily distinguished from seaward; from it, the outer beacon on Mitaone Point bears N. 75° E., distant about $1\frac{1}{2}$ miles.

The bar beacons are now in line bearing N. 29° W., and lead over the outer bar in about 7 feet, and over the inner bar in less than 5 feet, at low water. The shoal water on the outer bar has extended northwards, since the examination in July—August, 1889.

DIRECTIONS.—The following directions lead over the bars in not less than 7 feet at low water; but they are approximate only, and as the bars are subject to change, they should be sounded over before entering the river:—Steer towards the entrance with the western of the four palms bearing N.W. $\frac{1}{2}$ N.; when about $3\frac{1}{2}$ miles from Mitaone Point, bring the beacons on that point in line bearing N. 29° W., keeping them so, until the western palm bears N. 42° W. and Foot Point Beacon N. 56° W., the course should then be altered gradually to N.W. $\frac{3}{4}$ W., and just before the Inner Beacon (white disc with black centre) on Mitaone Point bears N. 20° W., alter course quickly to the northward, and bring it ahead on this bearing, which leads over the inner bar in about 8 feet at low water.

[Variation 17° Westerly in 1890.]

This Notice affects the following Admiralty Plan:—River Chinde, No. 1421. Also, African Pilot, Part III, 1889, page 217.

No. 163.—AUSTRALIA STATION.

AUSTRALIA—EAST COAST.

Great Sandy Strait—Additional Lights.

THE Government of Queensland has given notice, that seventeen additional lights have been established in Great Sandy Strait. These will be placed on future copies of Admiralty Plan, Great Sandy Strait, southern portion, No. 1030.

This Notice affects the following Admiralty Plan:—Great Sandy Strait, southern portion, No. 1030. Also, Admiralty List of Lights in South Africa, &c., 1890, pages 152, 154; and Australia Directory, Vol. II, 1889, pages 141–145.

No. 164.—EAST INDIES, CHINA, AUSTRALIA, AND PACIFIC STATIONS.

CEYLON—SOUTH COAST.

Point de Galle Light—Alteration in Character.

THE Government of Ceylon has given notice, that on or about 1st April, 1890, the following alteration would be made in the character of Point de Galle Light:—

Point de Galle Light is a double flashing white light every half minute, the flashes being of two seconds duration each, with an interval of three seconds between them.

This Notice affects the following Admiralty Charts:—Bay of Bengal, No. 70; Indian Ocean, northern portion, No. 7485; Cape Comorin to Cocanada, No. 828; Ceylon, south coast, No. 813; approaches to Point de Galle Harbour, No. 819; Point de Galle Harbour, No. 820. Also, Admiralty List of Lights in South Africa, &c., 1890, No. 164; West Coast of Hindustán Pilot, 1880, page 40; and Bay of Bengal Pilot, 1887, page 45.

By command of their Lordships,

W. J. L. Wharton, Hydrographer.

Hydrographic Office, Admiralty, London,
31st March to 3rd April, 1890.