

## NOTICES TO MARINERS.

(Nos. 141 to 149 of the year 1902.)

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

## No. 141.—CHINA, SOUTH-EAST COAST—BIAS BAY.

*Bate Island—Rock Northward of.*

INFORMATION, dated 31st December, 1901, has been received from the Commander-in-Chief, China, of the existence of a rock in Bias Bay, with a depth of less than 6 feet over it, situated with the northern extremity of Bate Island bearing about S. 25° W., distant 2 cables, and Bias Point S. 71° E.

Approximate position, lat. 22° 35½' N., long. 114° 43¼' E.

[Variation nil in 1902.]

This Notice affects the following Admiralty Charts:—Macao to Pedro Blanco, No. 3026, Bias Bay, No. 3002. Also, China Sea Directory, Vol. III, 1894, page 132; and Supplement, 1898, page 14.

## No. 142.—UNITED STATES, WASHINGTON—HOOD CANAL.

*Squamish Harbour—Rock Reported.*

THE United States Government has given notice, dated January, 1902, that a rock, with a depth of about 7 feet over it at low water, is reported to exist in the entrance to Squamish Harbour in a position from which the southernmost of the two Sisters Rocks bears about N. 68° E., distant one third of a mile.

Approximate position, lat. 47° 51½' N., long. 122° 39' W.

[Variation 2° Easterly in 1902.]

This Notice affects the following Admiralty Chart:—Admiralty Inlet and Puget Sound, No. 1947. Also, British Columbia Pilot, 1898, page 65.

## No. 143.—ARABIAN SEA—MAKRAN COAST.

*Gwatar Bay—Shoal in Approach.*

INFORMATION, dated 25th January, 1902, has been received from the officer in charge of the Marine Survey of India that the Commander of the Telegraph steamship "Patrick Stewart" reports that a sounding of 2 fathoms was obtained from his vessel when entering Gwatar Bay from the eastward. This shoal is situated with Ras Jiyúni bearing about S. 64° E., distant 13 cables, and Jiyúni Village N. 51° E.

Approximate position, lat. 25° 1½' N., long. 61° 41' E.

Depths of 6 fathoms were found to the southward and northward of this patch.

The local fishermen also state that a shoal with a depth of about 2 fathoms exists in this spot.

[Variation nil in 1902.]

This Notice affects the following Admiralty Chart:—Gwatar Bay on Chart No. 38. Also, Persian Gulf Pilot, 1898, page 184.

## No. 144.—BAY OF BENGAL—ORISSA COAST.

*Masulipatam Light—Intended Alteration in Character.*

WITH reference to Notice to Mariners No. 423 of 1901:—

The Government of India has given further notice that, on 1st August, 1902, Masulipatam light will be altered from white fixed to white group occulting, showing four occultations every minute,

Approximate position, lat. 16° 9¾' N., long. 81° 11' E.

This Notice affects the following Admiralty Charts:—Cape Comorin to Cocanada, No. 828; Ramiapatam to Narsapur Point, No. 1894. Also, List of Lights, Part VI, 1902, No. 332; and Bay of Bengal Pilot, 1901, page 168.

## No. 145.—BAY OF BENGAL—TANJORE.

*Point Calimere Light—Intended Alteration in Character.*

THE Government of India has given notice that, on or about 1st September, 1902, it is proposed to alter Point Calimere Light, in the northern entrance to Palk Strait, from a red fixed light to a 4th order white flashing light every forty-five seconds, visible in clear weather from a distance of 12 miles.

It will be shown from a cement tower.

Approximate position, lat. 10° 18' N., long. 79° 51¾' E.

This Notice affects the following Admiralty Charts:—Cape Comorin to Cocanada, No. 828; Madras to Point Calimere, No. 71; Palk Strait, No. 68a. Also, List of Lights, Part VI, 1902; No. 316; and Bay of Bengal Pilot, 1901, page 138.

## No. 146.—EASTERN ARCHIPELAGO, CELEBES—WEST COAST.

*Taka Tidong—Reef Off, and Non-Existence of Reef to the Southward of.*

THE Netherlands Government has given notice, dated 26th February, 1902, of the existence of a reef, having a depth over it of 2½ fathoms, situated about 1¼ miles S. 40° W. from the village of Taka Tidong.

Approximate position, lat. 3° 29' S., long. 119° 15¼' E.

Also that the reef of 5 fathoms, marked P.D. on the Chart, situated about 21 miles S. 10° E. from Taka Tidong, having been unsuccessfully searched for, has been erased from the Charts.

Approximate position on Chart No. 2637, lat. 3° 50' S., long. 119° 19' E.

[Variation 2° Easterly in 1902.]

This Notice affects the following Admiralty Chart:—Strait of Makassar, No. 2637. Also, Eastern Archipelago, Part II, 1893, page 332; and Supplement, 1899, page 53.

## No. 147.—BAY OF BENGAL—ORISSA COAST.

*Sacramento Light—Date of Alteration.**Hope Island Light—Date of Discontinuance.*

WITH reference to Notice to Mariners No. 422 of 1901:—

The Government of India has given further notice, that on 15th April, 1902, it is intended to replace the temporary red fixed light at Sacramento by a white flashing dioptric light every five seconds, elevated 140 feet above high water, and visible in clear weather from a distance of 18 miles.

Approximate position, lat. 16° 35' N., long. 82° 17' E.

Also, that on 27th June, 1902, the white fixed light on Hope Island will be discontinued.

Approximate position, lat. 16° 49' N., long. 82° 19½' E.

This Notice affects the following Admiralty Charts:—Vengurla to Cape Comorin, No. 827;