

No. 241; Sailing Directions for the West Coasts of France, Spain, and Portugal, 1900, page 38; and Channel Pilot, Part II, 1897, page 21.

No. 597.—THE PHILIPPINES—SAMAR ISLAND.

Katbalogan—Pamuntangan Beacon Destroyed.

WITH reference to Notice to Mariners No. 287 of 1901:—

The United States Government has given further notice, dated 27th July, 1901, that the beacon marking Pamuntangan Reef has disappeared; it has therefore been erased from the Chart.

Approximate position, lat. $11^{\circ} 46\frac{1}{4}'$ N., long. $124^{\circ} 52'$ E.

The beacon marking Lutao Reef is still in position.

This Notice affects the following Admiralty Charts:—San Pedro Bay to Libukan Islands, No. 2987; Katbalogan Bay on Sheet No. 1622. Also, Eastern Archipelago, Part I, 1890, page 330.

No. 598.—THE PHILIPPINES, MINDANAO—SOUTH COAST.

Rio Grande Approach—Shoal Reported.

THE United States Government has given notice, dated 27th July, 1901, of the existence of a shoal, with a depth of 4 fathoms over it, composed of coral and sand, 3 cables long and 1 cable wide, and parallel to the coast in the approach to Rio Grande de Mindanao, situated approximately in lat. $7^{\circ} 10'$ N., long. $124^{\circ} 3'$ E.

There is a deep water channel between this reef and the coast.

This Notice affects the following Admiralty Charts:—Molucca Passage to Manila, No. 943; Célebes Sea, No. 2575. Also, Eastern Archipelago, Part I, 1890, page 363.

No. 599.—THE PHILIPPINES—BOHUL ISLAND.

North Coast—Reefs.

THE United States Government has given notice, dated 27th July, 1901, of the existence of the undermentioned dangers off the north coast of Bohul Island:—

a. Midway between the coast of Bohul, and the centre of the south coast of Majanay Island, is a coral head, about 20 yards in extent, steep-to, with a depth of 5 feet over it at low water and 10 fathoms around; it has been placed on the Chart in lat. $10^{\circ} 10'$ N., long. $124^{\circ} 13\frac{3}{4}'$ E.

This reef is difficult to distinguish at all times.

b. Reefs extend from Tabiki Point much farther out than shown on the Chart, and there is a depth at half tide of 5 feet only between that point and Jau Island.

c. There is a reef, with a depth of 2 fathoms over it, situated at a distance of half a mile south-westward from Makaina Island.

d. There is no passage between Saac and Sagasai Islands.

CAUTION.—The water along the north coast of Bohul is usually muddy, so that the reefs and shoals are not readily distinguished.

This Notice affects the following Admiralty Chart:—Sulu or Mindoro Sea, No. 2578. Also, Eastern Archipelago, Part I, 1890, page 263.

No. 600.—NORTH PACIFIC.

Breakers Reported.

INFORMATION has been received, dated 27th July, 1901, that Mr. P. M. Stokkebye, Master of the schooner "Honolulu," states that, on 28th

April, 1901, he saw breakers at a distance of about 2 miles, which he places in lat. $7^{\circ} 33'$ N., long. $153^{\circ} 42'$ W.; the sea was also seen to break at a distance of about three quarters of a mile from this position, the weather being clear and the sea smooth at the time.

The words "Breakers reported" have been placed on the Admiralty Charts in the above position.

This Notice affects the following Admiralty Charts:—Cape Corrientes to Kadiak Island, No. 787; Pacific Ocean, No. 782; Hawaii to $6^{\circ} 15'$ N., No. 3102. Also, Pacific Islands, Vol. III, 1900, page 189.

No. 601.—ENGLAND—THAMES ENTRANCE.

Horse Channel, Reculvers Buoy—Position Altered.

THE Trinity House, London, has given notice, dated 15th August, 1901, that, in consequence of the narrowing of the Horse Channel, Reculvers Buoy (black and white, vertical stripes) has been moved about three-quarters of a cable N. 56° E. from its former position, and is now moored in a depth of 9 feet low-water springs, with Reculvers Spires bearing S. 52° W., distant 16 cables, and Birchington Church S. 46° E.

Approximate position, lat. $51^{\circ} 24'$ N., long. $1^{\circ} 13\frac{1}{2}'$ E.

The depth at present in Horse Channel is about 9 feet at low-water springs.

[Variation 15° Westerly in 1901.]

This Notice affects the following Admiralty Chart:—North Foreland to the Nore, No. 1607. Also, Channel Pilot, Part I, 1900, page 365; and North Sea Pilot, Part III, 1897, page 328.

No. 602.—CANADA—BRITISH COLUMBIA.

Discovery Passage—Rocky Patch in.

INFORMATION, dated 16th July, 1901, has been received from Commander C. H. Simpson, His Majesty's surveying-vessel "Egeria," of the existence of a rocky patch in Discovery Passage, 2 cables in extent, north-west and south-east, with a least depth of $4\frac{1}{4}$ fathoms over it, from which the centre of Yaculta Village bears N. 62° E., distant 12 cables, and Cape Mudge Lighthouse S. 72° E.

Approximate position, lat. $50^{\circ} 1'$ N., long. $125^{\circ} 15'$ W.

Kelp grows on this patch during the summer.

[Variation 25° Easterly in 1901.]

This Notice affects the following Admiralty Chart:—Texada Island to Johnstone Strait, No. 580. Also, British Columbia Pilot, 1898, page 245.

No. 603.—SWEDEN—THE KATTEGAT.

Tylö Light Period—Intended Alteration.

THE Swedish Government has given notice that, on 1st January, 1902, the period of Tylö Light (white flashing) will be altered from ten seconds to thirty seconds; it will then show a flash of about twelve seconds' duration every thirty seconds, but in other respects the light will remain as before.

Approximate position, lat. $56^{\circ} 39'$ N., long. $12^{\circ} 43'$ E.

This Notice affects the following Admiralty Charts:—Baltic, No. 2842a; The Kattegat, No. 2114. Also, List of Lights, Part III, 1901, No. 47; and Baltic Pilot, Part I, 1895, page 82.