

No. 404.—INDIA, WEST COAST—GULF OF CAMBAY.

Surat Roads—Bell-Buoy Established.

Particulars.—On 7th January, 1908, a bell-buoy was established at the entrance to Tapti River, Surat Roads, in the following position.

Position.—Moored in a depth of 4 feet at a distance of $2\frac{1}{2}$ miles S. 8° E. from Tapti Light-house; lat. $21^{\circ} 2' 30''$ N., long. $72^{\circ} 38' 0''$ E.

Variation.— 1° E.

Charts Affected.—No. 735, Surat Roads to Maroli; No. 2736, Gulf of Kutch to Vizadrag.

Publications.—West Coast of Hindustan Pilot, 1898, page 232; Supplement, 1903.

Authority.—Bombay Notice, No. 12 of 1908.

No. 405.—INDIA, WEST COAST—GULF OF CAMBAY.

East Cape, Dholera Light—Alterations in.

Particulars.—Dholera Light on East Cape, Cambay, has been replaced by a new light of the undermentioned character, and the position altered as follows:—

Position of New Light.—3 miles S. 2° E. from Whittle Bandar Light; lat. $22^{\circ} 8' 20''$ N., long. $72^{\circ} 19' 30''$ E.

Character.—White fixed.

Elevation.—50 feet.

Visibility.—13 miles from S. 65° W., through west, to N. 4° W.

Description of Structure.—Wooden pile structure, painted white, 60 feet from base to vane.

Power or Order.—Dioptric, 5th order.

Annual Exhibition.—From 1st September to 31st May.

Variation.— 1° E.

Charts affected.—No. 51, Gulf of Cambay; No. 2736, Gulf of Kutch to Vizadrag.

Publications.—List of Lights, Part VI, 1908, No. 227; West Coast of Hindustan Pilot, 1898, page 245.

Authority.—Bombay Notice, No. 13 of 1908.

No. 406.—THE PHILIPPINE ISLANDS—SAMAR, EAST COAST.

Borongan Bay—Light Discontinued.

Particulars.—The red fixed light in Borongan Bay has been discontinued.

Position.—About 2 cables south-westward of the mouth of Borongan River; on Chart No. 2577, lat. $11^{\circ} 39'$ N., long. $125^{\circ} 26'$ E.

Charts affected.—No. 2577, San Bernardino and Mindoro Straits; No. 943, Molucca Passage to Manila.

Publications.—List of Lights, Part VI, 1908, No. 642b; Eastern Archipelago, Part I, 1902, page 385; and Supplement, 1906; Notice to Mariners, No. 1639 of 1907.

Authority.—Manila Notice, No. 4 of 1908.

No. 407.—THE PHILIPPINE ISLANDS—SAMAR, WEST COAST.

San Pedro Bay—Shoal in.

Particulars.—The undermentioned shoal is reported to exist in San Pedro Bay.

Position.—About $3\frac{1}{2}$ miles S. 21° E. from Punubulu (Panabulon) Island; lat. $11^{\circ} 10'$ N., long. $125^{\circ} 8'$ E., on chart No. 2577.

Depth.—Probably less than 3 fathoms.

Variation.— 1° E.

Charts Affected.—No. 2577, The Philippine Islands; No. 2578, Sulu or Mindoro Sea.

Publication.—Eastern Archipelago, Part I, 1902, page 363.

Authority.—Manila Notice, No. 3, 1908.

No. 408.—NORTH PACIFIC—CAROLINE ISLANDS.

Mapia Island—Islet Reported North-Eastward of.

Particulars.—An islet of the undermentioned description was reported by the Norwegian barque Cambusdoen, in 1900, about 100 miles north-eastward of Mapia Island, Caroline Islands.

Position.—Lat. $2^{\circ} 4'$ N., long. $135^{\circ} 35'$ E.

Description.—The islet was about 12 to 15 feet high, three-quarters of a mile in diameter, with two branchless trees on the western point, and a few rocks about a cable to the south-eastward.

Charts affected.—No. 781, Pacific Ocean, North-west Sheet; No. 2683, Pacific Ocean; No. 2483, Atlantic and Indian Oceans.

Publications.—Pacific Islands, Vol. I, 1900, page 257; and Supplement, 1903.

Authority.—United States Hydrographic Notice, No. 108 of 1901.

No. 409.—NEW ZEALAND—SOUTH ISLAND, WEST COAST.

Westport—Amended Night Tidal Signals.

Particulars.—On 14th February the night signals for crossing the bar at Westport would be altered as follows:—

Position.—Lat. $41^{\circ} 44\frac{1}{2}'$ S., long. $171^{\circ} 28\frac{1}{2}'$ E.

Signal.	Indication.
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White harbour light	Wait.
Red light under white harbour light	Bar unsafe.
Green light over white harbour light	Bar safe for vessels drawing 9 feet.
Green light under white harbour light	Bar safe for vessels drawing $11\frac{1}{2}$ feet.
White light over white harbour light	Bar safe for vessels drawing 14 feet.
White light over, and green light under .. white harbour light	Bar safe for vessels drawing 16 feet.