

Notice to Mariners No. 5 of 1916.

PONUI PASSAGE.—ALTERATION IN CHARACTERISTIC OF LIGHT.

Marine Department,
Wellington, N.Z., 21st January, 1916.

NOTICE is hereby given that on and after Saturday, 29th January, 1916, the *fixed white* light with *red* arc now shown from the Ponui Passage Lighthouse will be changed to an unwatched Aga acetone acetylene *flashing* light showing a flash every 2 seconds, thus— $\frac{1}{2}$ second flash, $1\frac{1}{2}$ seconds eclipse. There will be no change in the colour of the light, which should be seen at a distance of 10 miles.

Charts, &c., affected: Admiralty Charts Nos. 1212, 1896, and 2543; "New Zealand Pilot," eighth edition, 1908, Chapter ii, page 46; "New Zealand Nautical Almanac," 1916, page 250.

JAS. A. MUNRO,
For Secretary.

Notice to Mariners No. 6 of 1916.

Marine Department,
Wellington, N.Z., 25th January, 1916.

THE following Notices to Mariners, which have been received from the Minister of State for Communications, Tokyo, and the Hydrographic Office, Washington, are published for general information.

JAS. A. MUNRO,
For Secretary.

BRAZIL.

RIO GRANDE DO SUL.—CHARACTERISTIC OF LIGHT.—LIGHT AND BELL BUOY MISSING.—The second officer of the British steamship "American Transport" reports that the light at Rio Grande do Sul shows *fixed white*; also that the fairway light and bell buoy is missing.

Approximate position of light: Lat. $32^{\circ} 7' 25''$ S., long. $52^{\circ} 4' 33''$ W.

H.O. Charts Nos. 1130, 1333, 2458, and 1191.
Light List, Vol. I (No. 30), 1915, Nos. 1548 and 1547.
H.O. Pub. No. 88, 1904, page 523.

CHILE.

ANCUD GULF.—DELCAHUE CHANNEL.—ASTILLERO SHOAL.—BEACON DESTROYED.—The tripod beacon, with cylindrical topmark, marking the south-eastern end of Astillero Shoal, has been destroyed, the wrecked beacon being covered at high water.

Notice will be given when the beacon is re-established.
H.O. Charts Nos. 823 and 1315.
H.O. Pub. No. 89, 1905, page 242.

CALIFORNIA.

SAN FRANCISCO BAY.—OAKLAND HARBOUR LIGHT.—CHARACTERISTIC CHANGED.—On 1st December, 1915, the characteristic of Oakland Harbour light was changed from fixed to *flashing white* every 5 seconds, of 5,000 candle-power.

Approx. position: Lat. $37^{\circ} 48' 2''$ N., long. $122^{\circ} 19' 51''$ W.
U.S. Coast Survey Charts Nos. 5502, 5402, 5530, and 5532.
Light List, Pacific Coast, 1915, page 18, No. 49.
U.S. Coast Pilot, Pacific Coast, 1909, pages 18 and 70.

HUMBOLDT BAY ENTRANCE.—SHOAL.—DEPTHS.—An examination of the entrance channel at Humboldt Bay, made 1st December, 1915, shows that a shoal begins about 700 ft. westward of South Jetty Outer End buoy No. 2 and extends north-eastward across the channel. Over this there is a controlling depth of 15 ft. at mean lower low water.

There is a good channel around the end of the South Jetty extending south-westward to sea on either side of South Jetty Outer End buoy No. 2, having a depth of 27 ft. This channel is about 800 ft. wide.

U.S. Coast Survey Charts Nos. U, 5052, 5002, 5602, and 5832.

U.S. Coast Pilot, Pacific Coast, 1909, pages 106 and 107.

SAN FRANCISCO BAY.—SUISUN BAY.—MARTINEZ SHELL WHARF.—LIGHTS ESTABLISHED.—FOG-BELL TO BE ESTABLISHED.—On 1st December, 1915, two *fixed red* electric lights, of about 45 candle-power each, were established 15 ft. above the water, one on either corner, on the outer end of the Shell Company's wharf at Martinez.

The eastern light is located on the bearings—

Army Point, tangent	$6^{\circ} 15'$
Stack near Peyton	$95^{\circ} 30'$
Port Costa Ferry Slip light	$288^{\circ} 30'$

About 1st January, 1916, a fog-bell operated by machinery, and sounding 1 stroke every 5 seconds, will be established in the centre of the outer end of the wharf.

U.S. Coast Survey Charts Nos. 5530 and 5534.

Light List, Pacific Coast, 1915, page 22.
U.S. Coast Pilot, Pacific Coast, 1909, page 73.

BRITISH COLUMBIA.

QUEEN CHARLOTTE SOUND.—BROUGHTON STRAIT.—MALCOLM ISLAND.—PULTNEY POINT LIGHT-STATION.—FOG-BELL ESTABLISHED.—A fog-bell which sounds 1 stroke every 25 seconds has been established at Pultney Point Light-station. The bell is suspended in front of a small square wooden tower painted white, standing 42 ft. southward of the lighthouse.

The hand fog-horn formerly maintained at this station has been discontinued.

Approx. position: Lat. $50^{\circ} 37' 50''$ N., long. $127^{\circ} 9' 50''$ W.
H.O. Charts Nos. 527, 903, 1453, and 2160.
U.S. Coast Survey Charts Nos. U and 7002.
Light List, Vol. I (No. 30), 1915, No. 1905.
Light List, Pacific Coast, 1915, page 98, No. 520.
U.S. Coast Pilot, Pacific Coast, Alaska, Part I, 1908, page 19.
H.O. Pub. No. 96, 1907, page 319.

HAWAIIAN ISLANDS.

MAUI.—KAHULUI HARBOUR.—LIGHT MOVED.—On 19th November, 1915, Kahului Breakwater light was moved 280 yards 301° and re-established 39 ft. above the water and 31 ft. above the ground on a pyramidal skeleton tower on the breakwater, 25 yards from the outer end.

Approx. position: Lat. $20^{\circ} 54' 6''$ N., long. $156^{\circ} 28' 13''$ W.
H.O. Charts Nos. 527 and 1216.
U.S. Coast Survey Charts Nos. 4102, 4116, and 4105.
Light List, Pacific Coast, 1915, page 132, No. 715.
Light List, Vol. I (No. 30), 1915, No. 2058.
Pacific Islands, Vol. III, 1909, page 226.
Coast Pilot Notes on Hawaiian Islands, 1912, pages 6 and 27.

BAY OF BENGAL.

HUGLI RIVER APPROACH.—EASTERN CHANNEL LIGHT-VESSEL TO BE MOVED.—About 7th January, 1916, Eastern Channel Light-vessel will be moved 3 miles $180^{\circ} 30'$ and re-established, in $13\frac{1}{2}$ fathoms of water, in (approximately) latitude $20^{\circ} 56' 42''$ N., longitude $88^{\circ} 12' 7''$ E.

The station buoy will be moored 1 mile $0^{\circ} 30'$ from the light-vessel.

H.O. Charts Nos. 854B and 1593.
B.A. Chart No. 814.
H.O. Light List, Vol. II, 1914, No. 2041.
Bay of Bengal Pilot, 1910, page 289.

SUMATRA.

EAST COAST.—BANKA ISLAND.—NORTH COAST.—TOTI ISLAND.—HEIGHT.—EXTENT OF REEF.—The master of the Netherlands Government steamer "Orion" reports that Toti Island is 410 ft. high, and that the reef which surrounds the island extends on the south-eastern side about 550 yards.

H.O. Charts Nos. 826A, 854A, 797, and 1170.
B.A. Charts Nos. 1263, 2149, and 1789.
H.O. Pub. No. 126, 1915, page 178.
China Sea Directory, Vol. I, 1906, page 584.

EAST INDIA ARCHIPELAGO.

JAVA SEA.—BAWEAN ISLAND.—SANGKAPURA BAY.—LIGHT ESTABLISHED.—A *fixed red* light has been established at Sangkapura. This light is exhibited 52 $\frac{1}{2}$ ft. above high water from the flagstaff.

Approx. position: Lat. $5^{\circ} 51' 18''$ S., long. $112^{\circ} 39' 20''$ E.
H.O. Charts Nos. 854B, 826A, and 3008.
B.A. Chart No. 941B.
H.O. Light List, Vol. II, 1914, No. 1059A.
Eastern Archipelago, Part II, 1913, page 182.

JAPAN.

HONSHU.—SOUTH COAST.—YOKKAICHI ROAD.—CHANGE IN CHARACTERISTIC OF LIGHT.—The Japanese Government has given notice that on 1st December, 1915, the characteristic of the light inside the breakwater at Yokkaichi would be changed from fixed white to *flashing white* every 10 seconds.

The new light is a 6th-order light of 3,000 candle-power, visible $11\frac{1}{2}$ miles.

Approx. position: Lat. $34^{\circ} 57' 45''$ N., long. $136^{\circ} 38'$ E.
H.O. Charts Nos. 529, 3233, 1301, 1637, and 2589.
H.O. Light List, Vol. II, 1914, No. 102.
H.O. Pub. No. 123, 1910, page 199.

AUSTRALIA.

EAST COAST.—CAIRNS HARBOUR.—LIGHTED BEACON MOVED.—The Government of Queensland has given notice that on 17th November, 1915, the *fixed green* pile light in the entrance to Cairns Harbour would be moved 150 ft. back from its old position and the old beacon (No. 9) would be removed.

The light in its new position marks the intersection of the old and new cuttings.

Vessels entering should keep the leading-lights in line until the *green* light is abeam, and then proceed as hitherto directed.