

Notice to Mariners No. 73 of 1916.

WANGANUI HARBOUR.—SOUTH MOLE END LIGHT
EXTINGUISHED.

Marine Department,
Wellington, N.Z., 8th September, 1916.

THE Wanganui Harbour Board have notified that the red light at end of South Mole at entrance to Wanganui Harbour is out, and owing to the gap recently made by steamer about 260 ft. in from end of mole the light cannot be got at until repairs have been carried out.

Charts, &c., affected: Admiralty Chart No. 2054; "New Zealand Pilot," eighth edition, 1908, Chapter v, page 156; "New Zealand Nautical Almanac," 1916, page 300, and plan facing page 298.

GEORGE ALLPORT,
Secretary.

Notice to Mariners No. 74 of 1916.

NEW EDITION OF NAUTICAL TABLES PUBLISHED.

Marine Department,
Wellington, N.Z., 11th September, 1916.

NOTICE is hereby given that the New Zealand Marine Department have just published a fourth edition of "Tables for Azimuth, Great Circle Sailing, and Reduction to the Meridian," Lats. 90° N. to 90° S.

The azimuth tables, which for some years have been acknowledged to be the most complete and comprehensive azimuth tables published, remain the same as in last edition. They include limits from pole to pole for sun, moon, and all the stars in the heavens, for any hour angle from the meridian.

The reduction tables, though still very compact, have been more than doubled in size since issue of last edition, and their limits of use have been considerably enlarged. They are available for all latitudes and declinations, and for any altitude, often with more than double the hour-angle limits from the meridian given in the ex-meridian tables in the standard works of navigation in general use.

They are also available for below pole hour-angles as well as the hour-angles from upper meridian. As an illustration of the wide limits of these tables an example is given on page 158, which will no doubt surprise navigators generally. The position of ship is accurately determined from two ex-meridian latitudes where the reduction to both zenith distances was over 9°, hour-angles over 1 h. 40 m., and azimuth over 40° from the meridian.

The accuracy of resulting position from these observations is proved by a fresh calculation of two longitudes from a near parallel of latitude, by the ordinary double altitude method, with the use of the A and B Tables. Other new and interesting problems have also been added in this edition.

Published by Marine Department, New Zealand Government, Wellington, New Zealand. Price 6s.

Sold in New Zealand at the shipping offices and by booksellers. Sole agents in United Kingdom: James Brown and Son, 52-58 Darnley Street, Glasgow, Scotland.

GEORGE ALLPORT,
Secretary.

Notice to Mariners No. 75 of 1916.

Marine Department,
Wellington, N.Z., 12th September, 1916.

THE following Notices to Mariners, received from the Hydrographic Office, Washington; the Department of Ports and Harbours, Melbourne; and the Acting Governor, Balboa Heights, are published for general information.

GEORGE ALLPORT,
Secretary.

CALIFORNIA.

PIEDRAS BLANCAS LIGHT-STATION.—FOG-SIGNAL CHANGED. On 8th July, 1916, the fog-signal at Piedras Blancas Light-station was changed to sound 1 blast of 3 seconds duration every 20 seconds—thus, blast 3 seconds, silent 17 seconds.

Approx. position: Lat. 35° 39' 57" N., long. 121° 17' 1" W.
H.O. Charts Nos. 527 and 1006.

U.S. Coast Survey Charts Nos. U, 5002, and 5302.

Light List, Pacific Coast, 1916, page 14, No. 27.

U.S. Coast Pilot, Pacific Coast, 1909, page 16.

PANAMA CANAL.

REMOVAL OF BUOY AT CRISTOBAL MOLE.

On account of extending Cristobal Mole, the buoy marking the submerged end of this mole has been removed and discontinued. The mole now extends over this spot.

HAWAIIAN ISLANDS.

OAHU.—HONOLULU HARBOUR.—HONOLULU FORT STREET
LIGHT TO BE MOVED.

Information has been received that about 19th July, 1916, Honolulu Fort Street light would be moved about 38 yards 22° and re-exhibited from a temporary frame tower erected on the roof of the freight shed on Oceanic Wharf.

The old light-tower was removed on the same date.

VICTORIA.

EASTERN LIGHTHOUSE, PORT PHILLIP.

Mariners and others are hereby notified that on or about 15th September, 1916, the light shown from the Eastern Lighthouse, Port Phillip, will be altered to a flashing white light with a flash of half a second's duration, followed by an eclipse of one second—thus giving forty flashes to the minute.

The sector towards the West Channel Pile will show red as at present.

On the same date the present occulting white light on the South Channel Pile will be altered to a fixed white light.

Applications invited for the Position of Nursery Overseer, Tauranga Horticultural Station, Department of Agriculture, Industries, and Commerce.

Office of Public Service Commissioner,
Wellington, 11th September, 1916.

APPLICATIONS will be received by the undersigned up till noon on the 20th September for the position of Nursery Overseer, Tauranga Horticultural Station.

2. Applications must be addressed to the Secretary to the Public Service Commissioner, Wellington, and must embrace a statement of education and experience, particulars of age, &c.

3. Applicants are required to be experienced horticulturists, with—

- (a.) Thorough knowledge of the propagation of citrus and other fruit trees and forest trees;
- (b.) Sound knowledge of fruit-growing and vegetable-raising in all its branches, including pests and spraying;
- (c.) Ability to impart information regarding all branches of fruit-growing and vegetable-raising.

The appointment will be subject to the provisions of the Public Service Act, 1912.

The position will be graded in the General Division. Commencing salary, £160 per annum.

P. VERSCHAFFELT,
Secretary.

Applications invited for the Position of Boatswain on the N.Z.C.S. "Tutanekai."

Office of Public Service Commissioner,
Wellington, 11th September, 1916.

APPLICATIONS will be received by the undersigned up till noon on the 27th September, 1916, for the position of Boatswain on the N.Z.C.S. "Tutanekai."

2. Applications (to be made on P.S.C. Form 17A, obtainable at principal post-offices) must be addressed to the Secretary to the Public Service Commissioner, Wellington, and must embrace a statement of education and experience, particulars of age, &c.

3. Applicants should be competent seamen of good character, and capable of controlling men.

4. Chief duties are to take the lead in all work appertaining to a cable steamer. Preference will be given to applicants holding a mate's certificate.

The appointment will be subject to the provisions of the Public Service Act, 1912.

The position will be graded in the General Division. Salary, £200; maximum, £210.

P. VERSCHAFFELT,
Secretary.

CROWN LANDS NOTICES.

Settlement Land in Canterbury Land District for Sale by Public Auction.

District Lands and Survey Office,
Christchurch, 11th September, 1916.

NOTICE is hereby given that the undermentioned land will be offered for sale by public auction, for cash or on deferred payments, at the District Lands and Survey Office, Christchurch, on Wednesday, the 1st day of November, 1916, at 2.30 o'clock p.m., under the provisions of the Land Act, 1908, and amendments, and the Land for Settlements Act, 1908.