

*Applications invited for the Position of Electrician, Tourist and Health Resorts Department, Rotorua.*

Office of Public Service Commissioner,  
Wellington, 25th May, 1916.

APPLICATIONS will be received by the undersigned up till noon on the 8th June, 1916, for the position of Electrician, Tourist and Health Resorts Department, Rotorua.

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. The duties of the position are as follows:—

- (a.) Principal assistant to the Electrical Engineer and in charge of the town section of the Rotorua electric light and energy system during any temporary absence of the Engineer;
- (b.) Responsible for substation apparatus, switchboards, instruments, and records;
- (c.) Testing of meters, transformers, and installations; and
- (d.) Maintenance of electro-medical apparatus, including converter set and accumulators at the main baths.

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

The position will be graded in the General Division. Salary, £175 per annum; maximum, £190.

P. VERSCHAFFELT,  
Secretary.

*Notice to Mariners No. 44 of 1916.*

Marine Department,  
Wellington, N.Z., 30th May, 1916.

THE following Notices to Mariners, received from the Hydrographic Office, London, are published for general information.

GEORGE ALLPORT,  
Secretary.

#### BRAZIL.

EAST COAST.—RIO REAL.—NEW LIGHT ESTABLISHED.

*Position (approximate).*—On the northern side of the entrance to the river, at a distance of about half-a-mile, northward, from the charted position of the fixed white light which it replaces. Lat.  $11^{\circ} 26' 20''$  S., long.  $37^{\circ} 22' 25''$  W., on Chart No. 3286.

*Abridged Description of New Light.*—Lt. fl. ev. 3 secs., 71 ft., vis. 14 m. (posn. approx.).

*Details.*—Character: A flashing white light every three seconds—thus, flash 0.3 sec., eclipse 2.7 secs. Elevation: 71 ft. Visibility: 14 miles. Structure: A tower.

#### CEYLON.

WEST COAST.—COLOMBO HARBOUR APPROACH.—LIGHT-BUOY WITHDRAWN.

*Position.*—At a distance of about one mile westward of the examination anchorage. Lat.  $6^{\circ} 57\frac{1}{2}'$  N., long.  $79^{\circ} 49\frac{1}{2}'$  E.

*Description.*—A light-buoy exhibiting an occulting red light.

*Remarks.*—This light-buoy, which was formerly established in connection with the examination service, has now been withdrawn, and is to be expunged from the charts.

*Charts affected.*—No. 3686, Approaches to Colombo Harbour; No. 3700, Colombo to Galle; No. 813, Ceylon, south part, south of  $7^{\circ} 20' N.$ ; No. 68b, Palk Strait and Gulf of Manar, sheet II.

*Publications.*—West Coast of India Pilot, 1909, page 87; Revised Supplement, No. 1, 1915, Bay of Bengal Pilot, 1910, page 97; Revised Supplement, 1916.

#### SUMATRA.

EAST COAST.—BANKA STRAIT, SOUTH ENTRANCE.—LUCIPARA CHANNEL.—EXISTENCE OF AN OBSTRUCTION.

*Position.*—At a distance of 6.4 miles,  $296^{\circ}$  (N.  $65^{\circ}$  W. mag.), from the north-western extremity of Lucipari Island. Lat.  $3^{\circ} 10\frac{1}{4}' S.$ , long.  $106^{\circ} 7\frac{1}{4}' E.$

*Details.*—A vessel struck a submerged obstruction, believed to be a sunken wreck, in the position given above.

*Note.*—The position on the charts is to be encircled by a danger line and marked "Obstruction (1916)."

*Variation.*— $1^{\circ}$  E.

#### SOUTH PACIFIC OCEAN.

NEW CALEDONIA.—PORT NOUMEA ROADSTEAD.—INFORMATION WITH REGARD TO SHOALS.

##### 1. Existence of Shoals.

(a.) *Position.*—At a distance of 3.9 cables,  $336^{\circ}$  (N.  $35^{\circ}$  W. mag.), from Ducrot high leading-light on Dubouzet Island. Lat.  $22^{\circ} 16' S.$ , long.  $166^{\circ} 25\frac{1}{4}' E.$  Depth.— $2\frac{1}{2}$  fathoms, gravel.

(b.) *Position.*—At a distance of 7 cables,  $348^{\circ}$  (N.  $23^{\circ}$  W. mag.), from Ducrot high leading-light. Depth.— $2\frac{1}{2}$  fathoms, coral.

##### 2. Non-existence of Shoal.

*Position.*—At a distance of about  $2\frac{1}{4}$  cables, eastward, from Lucchini Point.

*Description.*—A  $2\frac{1}{4}$ -fathom shoal.

*Remarks.*—The shoal has been searched for without success and is to be expunged from the charts.

*Variation.*— $11^{\circ}$  E.

*Notice to Mariners No. 37 of 1916.*

TAURANGA HARBOUR.—ERECTION OF NEW LIGHT AT HARBOUR ENTRANCE.

Marine Department,  
Wellington, N.Z., 26th May, 1916.

THE Tauranga Harbour Board have notified that an unwatched flashing light is now exhibited from the beacon on Stoney Point at the entrance to Tauranga Harbour. The light shows a flash of  $\frac{1}{4}$  sec. duration followed by an interval of  $2\frac{3}{4}$  secs. eclipse, giving twenty flashes a minute.

It will show white when to the southward of the light over an arc of  $180^{\circ}$  from  $259\frac{1}{2}^{\circ}$  (S.  $64^{\circ}$  W. magnetic) round by west and north to  $79\frac{1}{2}^{\circ}$  (N.  $64^{\circ}$  E. magnetic), and will show red from seaward over the remaining arcs except where the light is cut off by the land.

The height of light is 14 ft., and the light should be seen for a distance of about five miles.

Charts, &c., affected: Admiralty Charts Nos. 2521, 2527, and 3332; "New Zealand Pilot," eighth edition, 1908, Chapter iv, page 108.

GEORGE ALLPORT,  
Secretary.

*Notice to Mariners No. 40 of 1916.*

ERRATUM IN "NEW ZEALAND NAUTICAL ALMANAC" FOR 1916 AND "MODERN UP-TO-DATE NAVIGATION."

Marine Department,  
Wellington, N.Z., 24th May, 1916.

IN example on page 140 of the "New Zealand Nautical Almanac" for 1916, and on page 46 of the small book "Modern Up-to-date Navigation," under the heading "Position from Two Ex-Meridian Observations of Stars Sirius and Canopus," the reduction from table has been wrongly taken out for north latitude instead of for south latitude.

If those interested in the problem will please alter in their books the altitude of star Sirius to  $57^{\circ} 43' 1'' N.$ , and the reduction from table to  $2^{\circ} 55' 3''$ , the whole of the rest of the work and the figure may stand as it is, and the resulting position will be correct, as fortunately the azimuth for star Sirius was taken out correctly for south latitude.

GEORGE ALLPORT,  
Secretary.

*Notice to Mariners No. 41 of 1916.*

AUCKLAND HARBOUR.—DREDGERS.

Marine Department,  
Wellington, N.Z., 29th May, 1916.

THE Auckland Harbour Board have notified that the dredge No. 121 is now working approximately 950 ft. N.E. magnetic of the N.E. corner of Freeman's Bay Reclamation, and has six moorings laid out in N., S., E., and W. directions.

Charts, &c., affected: Admiralty Charts Nos. 1970 and 1896; "New Zealand Pilot," eighth edition, 1908, Chapter ii, page 39.

GEORGE ALLPORT,  
Secretary.

*Notice to Mariners No. 43 of 1916.*

AUCKLAND HARBOUR.—BLACK BEACON SOUTH OF CHELSEA RE-ERECTED.

Marine Department,  
Wellington, N.Z., 29th May, 1916.

THE Auckland Harbour Board have notified that the black beacon south of Chelsea, notified to have been knocked down (Notice No. 38 of 1916), has been re-erected in the same position.

Charts, &c., affected: Admiralty Chart No. 1970; "New Zealand Pilot," eighth edition, 1908, Chapter ii, page 42.

GEORGE ALLPORT,  
Secretary.