

90° for the 24 hours in 10 min. or 4 min. intervals of time as necessary to minimise interpolation.

The Calculated Reduction and Azimuth Tables are especially helpful for quick and accurate position-finding by the Marcq St. Hilaire system.

These stars are like so many lighthouses, enabling the navigator with a minimum of labour to find the line of position he is on, which he can often combine with a wireless position-line, or a second astronomical line of position to accurately determine the position of his ship.

The author is pleased to think that Arctic and Antarctic explorers, navigators patrolling the North Sea, our brave North Sea trawlers off Iceland, traders to Archangel and Hudson Bay, will no longer have to do without the aid of the special tables for quick position-finding, which are so plentiful in latitudes below 60°.

It is anticipated that these tables will be found of great value to aeroplane navigators as well as to shipmasters for the quick way in which the great circle course is obtained, and the ready methods of position-finding.

EXAMPLE :

Required Initial Course from London to Moscow.

London—Lat. 51° 30' N., long. 0° 0' E.	Lat. 51½° N.	} A 1° 62' S. B 2° 39' N. C 0° 77' N.
Moscow—Lat. 55° 40' N., long. 37° 40' E.	Lat. 55¼° N.	
	d. long. 37° 40'	

Gives initial course N. 64° 3' E.

Return from Moscow to London.

Lat. 55° 40' N.	} A 1° 82' S. B 2° 06' N. C 0° 24' N. gives initial course N. 82° 3' W.
Lat. 51° 30' N.	
Diff. long. 37° 40' W.	

Published by direction of the Hon. Minister of Marine, Wellington, New Zealand.

Price, £1 1s.

A. D. PARK, Secretary.

Notice to Mariners No. 62 of 1923.

OTAGO HARBOUR.—MOLE END LIGHT.—CHARACTERISTIC TO BE CHANGED.

Marine Department,
Wellington, N.Z., 9th October, 1923.

THE Otago Harbour Board notify that on and after the evening of the 16th October, 1923, the Mole End light situated at the entrance to Otago Harbour, will be changed to (U) Green, flashing 3 seconds (flash 0.3 second), visible 2.5 miles.

No further notice will be given.

Publications affected: Admiralty Chart No. 2411; "New Zealand Pilot," ninth edition, 1919, pages 362 and 364; "New Zealand Nautical Almanac, 1923," pages 268, 305, and 309; also plan facing page 270.

A. D. PARK, Secretary.

Notice to Mariners No. 63 of 1923.

HURAHI GULF.—MALONEY'S REEF.—BEACON ERECTED.

Marine Department,
Wellington, N.Z., 9th October, 1923.

NOTICE is hereby given that a black-painted iron beacon, staff, and cage, height 24 ft., on a concrete base, the top of which is awash at high water, has been erected on a rock at the western end of what is locally known as Maloney's Reef, situated between Brown's Bay and Gull Point, north-westward of Rangitoto Channel, at the entrance to Auckland Harbour.

The beacon marks the eastern side of the inshore channel between Gull Point to the northward and Brown's Bay to the southward.

Publications affected: Admiralty Chart No. 1896, "New Zealand Pilot," ninth edition, 1919, page 184.

A. D. PARK, Secretary.

Notice to Mariners No. 64 of 1923.

COOK STRAIT.—JACKSON'S HEAD BEACON.—LIGHT RE-ESTABLISHED.

Marine Department,
Wellington, N.Z., 9th October, 1923.

MARINERS are hereby notified that the original light on Jackson's Head beacon will be re-established, at a height of 46 ft., on the evening of Thursday, 11th October, 1923.

The characteristics of the light remain unaltered, viz.: Light, (U), occulting, 6 seconds (eclipse 3 seconds), height 46 ft., visible 10 miles.

Structure: Concrete beacon.

The light is obscured from 010° to 050°.

This notice supersedes and cancels Notice to Mariners No. 52, of 11th September, 1923.

Publications affected: Admiralty Charts Nos. 2685, 2054, 3629, and 695; "New Zealand Pilot," ninth edition, 1919, page 309, and view facing; "New Zealand Nautical Almanac," 1923, page 162, No. 37; "Admiralty List of Lights," Part VI, 1922, page 407, No. 2999.

A. D. PARK, Secretary.

Notice to Mariners No. 65 of 1923.

Marine Department,
Wellington, N.Z., 9th October, 1923.

THE following Notice to Mariners, which has been received from the Department of Trade and Customs, Melbourne, is published for general information.

A. D. PARK, Secretary.

AUSTRALIA—EAST COAST.

South Solitary Island Light.—Intended Alteration in Characteristics.

MARINERS and others are hereby notified that the power of the flashing white light on the summit of South Solitary Island will be increased and the length of the flash will be reduced on or about 1st December, 1923.

Position.—On summit of South Solitary Island. Latitude 30° 12' S., longitude 153° 17' E., on Chart No. 1027.

Character.—White flashing every thirty seconds, thus: Flash, 2½ secs.; eclipse, 27½ secs.

Power.—356,000 candles.

Remarks.—The other details of the light will remain unchanged. No further notice will be given.

Notice by the Public Trustee under the Public Trust Office Act (Part II) and its Amendments.

To the owners of the following land, that is to say:

All that piece or parcel of land situate in the Provincial District of Auckland, containing by admeasurement 1 rood more or less, being Allotment 161, Section 11, Village of Papakura. Bounded on the north by a public road, 100 links; on the east by Allotment 159, 250 links; on the west by Allotments 163 and 164, 250 links; and on the south by other part said Section 11, 100 links; be all the several admeasurements a little more or less: subject to mortgage No. 335 to the Superintendent of the Province of Auckland, securing £200 and interest at 1 per cent., and being the whole of the land contained in certificate of title, Volume 4, folio 84, Auckland Registry, in the name of Edward Gotch, of Papakura, Tobacco-manufacturer.

WHEREAS, after due inquiry, the owner of the above-described land cannot be found, and whereas the said owner has no known agent in New Zealand:

Now the Public Trustee hereby calls upon such owner, within six months of the date of the publication of this notice in the Gazette, to establish to the satisfaction of the Public Trustee his title to the said land; and if he fails or neglects so to do, the Public Trustee will exercise the powers and authorities granted to him in and by the Public Trust Office Act, 1908 (Part II) and its amendments.

Dated this 9th day of October, 1923.

J. W. MACDONALD, Public Trustee.

Auckland Education Board.

IN accordance with the provisions of the Education Act, 1914, and its amendments, it is hereby publicly notified that Mr. Vernon Herbert Reed, of Paihia, has been duly elected as a member of the Education Board of the District of Auckland, for the North Ward of the Rural Area.

The result of the voting was as follows:—

Alfred Gregory	55 votes.
Richard Hoe	261 votes.
Robert Edward Hornblow .. .	70 votes.
Tom Waller Lonsdale	29 votes.
John Hawthorn McCarroll .. .	32 votes.
Arthur John Morrish	27 votes.
Vernon Herbert Reed	265 votes.
George Smith	88 votes.

Total number of valid votes recorded, 827.

Number of voting-papers rejected as informal, 21.

E. C. PURDIE, Returning Officer.

4th October, 1923.