

The attached diagram represents graphically the foregoing system.

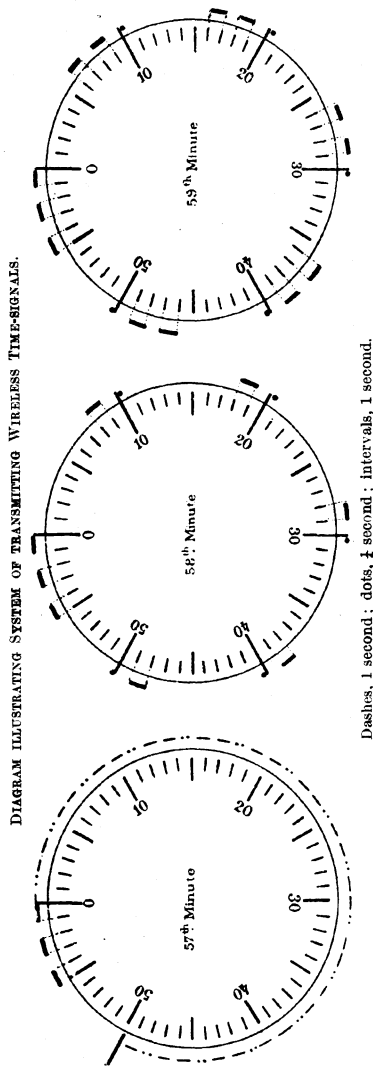


DIAGRAM ILLUSTRATING SYSTEM OF TRANSMITTING WIRELESS TIME-SIGNALS.

Dashes, 1 second; dots, 1/2 second; intervals, 1 second.

*Notice to Mariners.—No. 32 of 1918.*

**GISBORNE INNER HARBOUR.—ERECTION OF GROYNE AND LIGHT.**

Marine Department,  
Wellington, N.Z., 23rd May, 1918.

THE Gisborne Harbour Board have notified that a groyne has been erected in the basin of the inner harbour running out from wharf on east side of Tauranganui River towards and abreast the railway goods-shed on west side of river.

A white light will be shown from sunset to sunrise from the end of this groyne from this date until further notice.

*Charts, &c., affected.*—Admiralty Chart No. 3321; "New Zealand Pilot," eighth edition, 1908, Chapter iv, page 127; "New Zealand Nautical Almanac," 1918, page 270, and plan facing page 270.

GEORGE ALLPORT,  
Secretary.

*Notice to Mariners.—No. 33 of 1918.*

Marine Department,  
Wellington, N.Z., 21st May, 1918.

THE following Notices to Mariners, which have been received from the Department of Navigation, N.S.W., and the Governor-General of Formosa, are published for general information.

GEORGE ALLPORT,  
Secretary.

**NEW SOUTH WALES.**

**PORT OF NEWCASTLE.—ALTERATION IN FAIRWAY LEADING-MARKS FOR NEWCASTLE HARBOUR.**

NOTICE is hereby given that on the 1st June, 1918, the use of the present fairway leading-marks at the Port of New-

castle will be discontinued, and new leading-marks of the following description will be brought into use in their stead:—

*Front Tower.*—Structure: Steel lattice-work tower, painted white. Position: Immediately at the back of Market Wharf. Character of light: Fixed red electric light. Height of light above mean sea-level: 107½ ft.

*Back Tower.*—Structure: Steel lattice-work tower, painted red. Position: West end of Church Street. Character of light: Fixed white electric light. Height of light above mean sea-level: 167 ft.

In order to make these lattice-work towers as conspicuous as possible for daylight marks, an area of 30 ft. vertically by 7 ft. horizontally (at upper end) will show a solid white surface.

These fairway leading-marks are placed 1,042 ft. apart, and when in line bear south 47° west, correct magnetic, and indicate practically a centre-line through the entrance of Newcastle Harbour.

**JAPAN.**

**FORMOSA.—TAKOW LIGHTHOUSE.**

Notice is hereby given that on and after the night of the 10th March next the existing light at Takow Lighthouse will be discontinued, and in lieu thereof a new light will be shown as follows:—

*Position.*—The same position as hitherto. (Lat. 22° 36' 31" N., long. 120° 16' 5" E.)

*Construction and Painting.*—Octagonal brick tower, painted white.

*Height of Light from the Base.*—36 ft.

*Height of Light above the Water.*—191 ft.

*Order and Character of Light.*—3rd-order electric alternating light, showing alternately red and white of 10 seconds each.

*Illuminated Arc.*—For an arc of 198 degrees of horizon from N. 39° W., through N. and E., to S. 21° E. The bearings are magnetic and from seaward.

*Candle-power.*—White ray, 94,000; red ray, 37,000.

*Distance visible.*—20½ nautical miles.

**Officiating Ministers for 1918.—Notice No. 18.**

Registrar-General's Office,  
Wellington, 21st May, 1918.

PURSUANT to the provisions of the Marriage Act, 1908, the following names of Officiating Ministers within the meaning of the said Act are published for general information:—

*Methodist Church of New Zealand.*

Mr. F. C. Broom.

*Salvation Army.*

Captain Frank Batchelor.  
Commandant Edwin Brown.  
Adjutant Thomas F. Clarke.  
Commandant Charles Davies.  
Commandant James Downie.  
Staff-Captain Peter Elder.  
Captain Francis O. Ericson.  
Ensign William Fantham.  
Staff-Captain Joseph Hildreth.  
Adjutant Ernest Hill.  
Commandant Edwin J. Inwood.  
Captain Joseph Medland.  
Major John E. Newbold.  
Adjutant Harold Rimmer.  
Adjutant George Robertson.  
Adjutant Charles J. Rudd.  
Staff-Captain Henry P. Sharp.  
Adjutant Horace Smith.  
Major Benjamin Stone.  
Captain Basil Thompson.  
Captain George Vickers.  
Ensign Thomas Vost.  
Adjutant William Vyle.

W. W. COOK,  
Registrar-General.

**Officiating Ministers for 1918.—Notice No. 19.**

Registrar-General's Office,  
Wellington, 21st May, 1918.

IT is hereby notified that the undermentioned names have been removed from the list of Officiating Ministers under the Marriage Act by request:—

*Methodist Church of New Zealand*

MR. JAMES HENRY ALLEN.  
MR. ARTHUR SMART.  
MR. PHILIP BRENTON STRONGMAN.  
The Reverend JOSEPH BURTON SUCKLING.

W. W. COOK,  
Registrar-General.