

Notice to Mariners.—No. 20 of 1917.

Marine Department,  
Wellington, N.Z., 13th March, 1917.

THE following Notices to Mariners, which have been received from the Department of Trade and Customs, Melbourne; the Harbours Board Offices, Adelaide; and the Hydrographic Office, Washington, are published for general information.

GEORGE ALLPORT, Secretary.

AUSTRALIA.

SOUTH COAST.—BACKSTAIRS PASSAGE.—YATALA SHOAL.—LIGHT-BUOY ESTABLISHED.

MARINERS and others are hereby notified that the lighted buoy on Yatala Shoal is now established.

*Position.*—On the north-western side of Yatala Shoal in 10 fathoms of water L.W.S. 23° (N. 18° E. mag.), distant 4.6 miles from Cape St. Alban. Lat. 35° 44' S., long. 138° 10' E.

*Description.*—A cylindrical light-buoy with framework superstructure 13 ft. high, painted in red and white horizontal bands, exhibiting a flashing white light every six seconds—thus, flash  $\frac{1}{2}$  sec., eclipse 5 $\frac{1}{2}$  secs.

*Power.*—1,300 candles.

*Visibility.*—Eight miles.

KANGAROO ISLAND.—CAPE COUEDIE.—AUXILIARY LIGHT TO BE DISCONTINUED.

MARINERS and others are hereby notified that the auxiliary fixed light with white and red sectors will be discontinued on or about 1st May, 1917.

*Position.*—Lat. 36° 4' S., long. 136° 42' E.

*Details.*—The auxiliary fixed light with white and red sectors exhibited from the lighthouse 60 ft. below the main light, and showing red over Lipson Reef and white over Casuarina Island, will be discontinued on or about 1st May, 1917.

SPENCER GULF.—TIPARA REEF LIGHT.—RED SECTORS TO BE INSERTED.

MARINERS and others are hereby notified that the flashing white light on Tipara Reef will be altered to flashing white and red sectors on or about 14th May, 1917.

*Position.*—Lat. 34° 4' S., long. 137° 24' E.

*Sectors.*—Shows white from 341° (N. 23 $\frac{1}{2}$ ° W. mag.) through north-east and south to 223° (S. 38 $\frac{1}{2}$ ° W. mag.), red from 223° (S. 38 $\frac{1}{2}$ ° W. mag.) to 245 $\frac{1}{2}$ ° (S. 61° W. mag.), white from 245 $\frac{1}{2}$ ° (S. 61° W. mag.) through west to 318 $\frac{1}{2}$ ° (N. 46° W. mag.), red from 318 $\frac{1}{2}$ ° (N. 46° W. mag.) to 341° (N. 23 $\frac{1}{2}$ ° W. mag.).

*Note.*—The other details of the light will remain unchanged.

CAPE NELSON.—AUXILIARY RED LIGHT TO BE DISCONTINUED.

MARINERS and others are hereby notified that the auxiliary red light will be discontinued after 14th May, 1917.

*Position.*—Lat. 38° 26' S., long. 141° 33' E.

*Details.*—The auxiliary fixed red danger light exhibited from the base of Cape Nelson Lighthouse will be discontinued after 14th May, 1917.

EAST COAST.—INNER BARRIER ROUTE.—COQUET ISLAND.—LIGHT ESTABLISHED.

MARINERS and others are hereby informed that the light on Coquet Island is now permanently established.

*Position.*—About 150 yds. from western end. Lat. 14° 32 $\frac{1}{2}$ ' S., long. 144° 59 $\frac{1}{2}$ ' E.

*Structure.*—Steel framed tower 42 ft., with lantern 11 ft. high, painted white.

*Character.*—Single flashing white light, showing one flash every five seconds—thus, flash  $\frac{1}{2}$  sec., eclipse 4 $\frac{1}{2}$  secs.

*Elevation.*—56 ft.

*Visibility.*—13 miles.

*Power.*—1,500 candles.

*Remarks.*—The light is unwatched.

SANDY CAPE LIGHT.—INTENDED ALTERATION IN CHARACTERISTICS.

MARINERS and others are hereby notified that the power of the revolving white light on Sandy Cape will be increased, and the duration of light will be reduced to 9 seconds on or about 15th April, 1917.

*Position.*—Lat. 24° 43' S., long. 153° 13' E.

*Character.*—White revolving every 75 seconds, duration of light 9 secs.—thus, light 9 secs., eclipse 66 secs.

*Power.*—205,000 candles.

*Note.*—The light is not strengthened from 155° to 200° as formerly stated. The other details of the light will remain unaltered.

BUSTARD HEAD LIGHT.—INTENDED ALTERATION IN CHARACTERISTICS.

MARINERS and others are hereby notified that the power of the fixed and flashing light on Bustard Head will be increased, and that the length of the flash will be reduced to 9 seconds on or about 15th May, 1917.

*Position.*—Lat. 24° 1' S., long. 151° 47' E.

*Character.*—Fixed and flashing, with white and red sectors—thus, fixed 60 secs., eclipse 25 $\frac{1}{2}$  secs.; flash 9 secs., eclipse 25 $\frac{1}{2}$  secs.

*Power.*—White fixed, 20,000 candles; white flashing, 120,000 candles.

*Note.*—The other details of the light will remain unchanged.

TORRES STRAIT.—BOOBY ISLAND LIGHT.—INTENDED ALTERATION IN CHARACTERISTICS.

MARINERS and others are hereby notified that the power of the revolving white light on Booby Island will be increased, and the duration of light will be reduced to 9 seconds on or about 15th June, 1917.

*Position.*—Lat. 10° 36' S., long. 141° 55' E.

*Character.*—White revolving every minute, duration of light 9 seconds—thus, light 9 secs., eclipse 51 secs.

*Power.*—120,000 candles.

*Note.*—The other details of the light will remain unchanged.

SOUTH AUSTRALIA.—GULF OF ST. VINCENT.—GLENELG.

Masters of vessels and others are hereby warned that during the construction of the Glenelg Breakwater, or until further notice, the light exhibited from the Glenelg Jetty will be as follows:—

The white sector of the light showing to the north-west will be changed to red, and the bearings from which the different sectors will be visible will be as shown hereunder.

White between the bearings of 356° 53' (N. 8° 30' W. mag.) and 28° 53' (N. 23° 30' E. mag.), then red covering the side of the breakwater between 28° 53' (N. 23° 30' E. mag.) to 176° 53' (S. 8° 30' E. mag.).

In clear weather the white should be visible for a distance of 10 and the red 2 $\frac{1}{2}$  miles.

During the progress of the work a white light will be shown by the contractor from the sea end of the temporary jetty used in connection with the building of the structure.

Approximate position: Lat. 34° 58' 50" S., long. 138° 30' 20" E.

This affects Admiralty Charts Nos. 1752 and 2389.

PANAMA.

LIMON BAY ENTRANCE.—WRECK.—BUOY ESTABLISHED.

The wreck of the tug "Reliance," with two masts about 8 ft. above water, is reported sunk 100 ft. north-eastward of the eastern end of the west breakwater.

The wreck is marked by a buoy, which should be left on the starboard hand entering.

CANAL ZONE.—GAILLARD CUT.—LIGHTS RE-EXHIBITED.

Beacons Nos. 1 and 2, which mark the entrance to Gaillard Cut from Gatun Lake, have been relighted. The entrance to the cut is now marked by two lights on each side, one above the other.

CALIFORNIA.

SAN FRANCISCO BAY APPROACH.—SAN FRANCISCO LIGHT-VESSEL WITHDRAWN FROM STATION.—RELIEF LIGHT-VESSEL.

On 11th January, 1917, San Francisco light-vessel was temporarily withdrawn from her station and the station was marked by a relief light-vessel.

The relieving vessel shows a fixed white light 46 ft. above the water, visible 12 miles.

Approx. position: Lat. 37° 45' 3" N., long. 122° 41' 30" W.

FARALLON LIGHT-STATION.—FOG-SIGNAL CHANGED.

On 1st January, 1917, the fog-signal at Farallon Light-station was changed from a first-class siren to a compressed-air diaphone which sounds 1 blast followed by a group of 2 blasts every 60 seconds—thus, blast 2 seconds, silent 4 seconds; blast 2 seconds, silent 1 second; blast 2 seconds, silent 49 seconds.

Approx. position: Lat. 37° 41' 58" N., long. 123° 0' 4" W.