

CALIFORNIA.

SAN FRANCISCO BAY.—SAN PABLO BAY.—CARQUINEZ STRAIT.—PORT COSTA.—LIGHT AND FOG-SIGNAL TO BE DISCONTINUED.—LIGHTS AND FOG-SIGNALS TO BE ESTABLISHED.

Port Costa Ferry Slip light and fog-signal is to be discontinued about 15th October, 1921.

A fixed red light, 25 ft. above water, of 80 candle-power, and fog-siren electrically operated, sounding 11 blasts every 60 seconds, blast of 1.5 seconds duration, are to be established on the outer end of the west wing of the Southern Pacific Company's west ferry slip.

A flashing white light, period 4 seconds, flash 1 second, eclipse 3 seconds, 24 ft. above the water and 55,000 candle-power, and a fog-bell electrically operated, sounding 2 strokes every 4 seconds, are to be established on the outer end of the pier between east and west ferry slips.

The above lights and fog-signals to be maintained by the Southern Pacific Company.

BRAZIL.

EAST COAST.—RIO DE JANEIRO APPROACH.—RAZA ISLAND LIGHT.—CHARACTERISTIC.

The characteristic of Raza Island light is as follows: Alternating flashing, period 15 seconds—white flash 0.5 second, eclipse 4.5 seconds; white flash 0.5 second, eclipse 4.5 seconds; red flash 0.5 second, eclipse 4.5 seconds.

Approx. position: 23° 04' S., 43° 09' W.

RIO DE JANEIRO HARBOUR APPROACH.—OBSTRUCTION REPORTED.

A submerged obstruction is reported to exist at a distance of 1.4 miles 164° from Fort Santa Cruz Lighthouse.

NOTE.—The above position is to be encircled by a danger-line on the charts and marked with the note "Obstruction repd. (1920) P.A."

Approx. position: 22° 58' S., 43° 08' W

NORTH PACIFIC OCEAN.

MARIANA OR LADRONE ISLANDS.—NON-EXISTENCE OF EUPHROSYNE ROCK.

Position of Charts.—Lat. 21° 43' N., long. 140° 52' E. (approx.).

Details.—A recent examination has failed to reveal any trace of the existence of Euphrosyne Rock marked "P.D." on the charts. This rock, and the note relating to it, is to be expunged from the charts accordingly.

CEYLON.

WEST COAST.—COLOMBO HARBOUR.—DEPTHS.

Vessels drawing more than 30 ft. cannot enter the Port of Colombo, on account of the gradual silting-up of the harbour.

A new dredger has been received, and it is expected that at the end of one year the depth of the harbour will again approach normal (33 ft.).

CHINA SEA.

SINGAPORE STRAIT.

(1.) Old Strait.—Lights to be established.

Date of Establishment.—Shortly.

(a.) Position.—Off the south-eastern extremity of Pulo Ketam. Lat. 1° 23' 52" N., long. 103° 57' 25" E.

(b.) Position.—Off the western extremity of Pulo Ubin. Lat. 1° 25' 18" N., long. 103° 55' 30" E.

(c.) Position.—At a distance of about half a mile eastward of the south-eastern extremity of Pulo Khatib Bongsu. Lat. 1° 26' 20" N., long. 103° 52' 22" E.

(d.) Position.—On the northern side of the strait, between Sungi Lunchu and Sungi Sinibong. Lat. 1° 28' 33" N., long. 103° 49' 38" E.

Abridged Descriptions.—Lt. fl. ev. 3 secs., 6 ft. (U), in each case.

Character.—In each case flashing white every three seconds, thus—flash 1 sec., eclipse 2 secs.

Elevation.—6 ft. (1.8 m.).

Structures.—Iron framework.

Remarks.—The lights will be unwatched.

Note.—No further notice will be given.

(2.) Calder Harbour.—Existence of Rock.

Position.—At a distance of 0.98 of a mile, 282°, from the beacon on Johor Hill. Lat. 1° 23' N., long. 104° 05' E. (approx.).

Depth.—2½ fathoms (4.6 m.).

(3.) Red Cliff Bank.—Shoal Eastward of.

Position.—At a distance of 3.80 miles, 093°, from Tanah Merah Besar Summit. Lat. 1° 21' N., long. 104° 02' E. (approx.).

Depth.—2½ fathoms (5 m.).

Remarks.—From the above position, which is the easternmost point of a triangular-shaped shoal, depths of 3 fathoms (5.5 m.) or less extend for distances of about 4 cables in north-westerly and south-westerly directions.

AUSTRALIA.

TORRES STRAIT.—GREAT NORTH-EAST CHANNEL.—BRAMBLE CAY.—RE-ESTABLISHMENT OF BEACON POSTPONED.

Mariners and others are hereby notified that the re-establishment of the beacon on Bramble Cay is postponed until further notice.

Position.—Lat. 09° 08' S., long. 143° 52' E.

Note.—Further notice will be given when the beacon has been re-established.

GREAT NORTH-EAST CHANNEL.—BRAMBLE CAY.—BEACON TO BE RE-ESTABLISHED.

Date of Re-establishment.—On or about 31st October, 1921.

Position.—Near the centre of Bramble Cay. Lat. 09° 08' S., long. 143° 52' E.

Description.—Red framework tower, 42 ft. (12.8 m.) in height.

Note.—The note "Destroyed (1919)" shown against the former beacon is to be expunged from the charts.

No further notice will be given.

EAST COAST, INNER BARRIER ROUTE.—MEABURN ROCK BUOY.—FURTHER INFORMATION WITH REGARD TO POSITION.

Mariners and others are hereby notified that the position of Meaburn Rock buoy relative to Meaburn Rock is as described hereunder:—

Position.—At a distance of 2 cables bearing 130° (S. 57° E. mag.) from Meaburn Rock. Lat. 17° 34' S., long. 146° 10' E., on Chart No. 2350.

Description.—A red cask buoy.

WESTERN AUSTRALIA.

NORTH-WEST COAST.—KING SOUND.—FITZROY RIVER APPROACH.—OBSTRUCTION REPORTED.

Position.—At a distance of about 2½ miles north-westward of the northern end of the Outer Rip Shoal. Lat. 17° 03' 30" S., long. 123° 28' 30" E.

Description.—A submerged obstruction over which there is a depth of about 2½ fathoms (4.6 m.).

Note.—The above depth is to be encircled by a danger line on the charts and marked with the note "Obstruction repd. (1921)."

UNITED STATES.

ERROR IN BEARINGS OBTAINED BY RADIO.

The Director, U.S. Naval Communications, states that considerable difficulty is being experienced with merchant ships asking for radio bearings on very broad tunes, and that bearings obtained by radio should be accurate within 2 degrees, provided that the transmitting equipment on board vessels is tuned sharply to 800 meters. (Radio operators are cautioned to use sufficiently wide coupling to obtain low decrement.) If radio transmitters are not tuned sharply it is difficult to obtain bearings that are sufficiently accurate for navigational purposes.

Masters of vessels should use the radio compass-stations frequently, particularly in clear weather, and when the vessel's position is definitely fixed, in order that the degree of accuracy and dependability of the radio compass may be established.

Officiating Ministers for 1921.—Notice No. 37.

Registrar-General's Office,
Wellington, 6th December, 1921.

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:—

Church of the Province of New Zealand, commonly called the Church of England.

The Rev. Robert John Andrew Simmons.

Presbyterian Church of New Zealand.

The Rev. John Beattie Bickerstaff.

W. W. COOK, Registrar-General.