

Government of India.

DEPARTMENT OF REVENUE, AGRICULTURE, AND COMMERCE.

NOTICE TO MARINERS.

[No. 12.]

AFRICA—EAST COAST.

DELAGOA BAY.

Cockburn Light-vessel, Removal in Bad Weather.

The Hydrographic Department of the British Admiralty has published the following information, received from Commodore F. W. Sullivan, C.B., C.M.G., Senior Officer, Cape of Good Hope, relative to the light-vessel placed on the western side of Cockburn shoal, Delagoa bay:—

On H.M.S. *Active* visiting Delagoa bay in November 1878, the light-vessel was not at her station. It was also reported that on the approach of bad weather, shelter is sought for the vessel in port Melville. reliance therefore should not at such times be placed on her being in position.

NOTE.—This light-vessel when in position forms the only safe mark for entering Delagoa bay at night; mariners are accordingly warned as to her probable removal in bad weather.

By Direction of the Government of India,

R. C. CARRINGTON, *Chief Civil Assistant,*
for A. DUNDAS TAYLOR, *Comdr. (late I. N.),*
Superintendent, Marine Survey of India.

MARINE SURVEY DEPARTMENT, CALCUTTA, 4th March 1879.

This Notice affects the following:—BRITISH ADMIRALTY Charts, Nos. 2090 and 644; also Admiralty List of Lights in South Africa, 1879; and Africa Pilot, Part III, 1878, pages 154 and 156; also Taylor's Sailing Directory, Vol. I, page 87.

If this Notice is received on boardship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

Government of India.

DEPARTMENT OF REVENUE, AGRICULTURE, AND COMMERCE.

NOTICE TO MARINERS.

[No. 13.]

AUSTRALIA—EAST COAST.

BURNETT RIVER ENTRANCE.

(1) *Alteration in Position of Beacons and Leading Lights.*

The Government of Queensland has given Notice, that consequent on the extension southward of the spit on the northern side of Burnett river entrance, the beacons have been moved to the south side of the river and carry the leading lights. These kept in line bearing W. S. W. lead over the bar in the deepest water, and clear of the end of the spit; which having been passed, the leading marks in the bend of Sea reach may be steered for.

PIONEER RIVER—ROCKY ISLETS.

(2) *Fixed Light on Flat-top Islet.*

Also, with reference to British Admiralty Notice to Mariners, No. 28 (1) of 4th March 1874, on the exhibition of a temporary light on Flat-top islet, off the entrance of the river—

Further Notice has been given, that on 17th September 1878, the permanent light would be exhibited—
The light is a *fixed* white light, elevated 172 feet above high water, and should be visible from seaward in clear weather between the bearings N. W. and S. by W. (except where intercepted by Round-top islet between N. 58° W. and N. 65° W.), from a distance of 19 miles. A sector of *red* light is shown between the bearings N. W. and N. by E.

The illuminating apparatus is dioptric, or by lenses of the fourth order.

Position: Latitude 21° 10' 20" S.; longitude 149° 17' 30" E.

NOTE.—The light bearing S. S. W. leads eastward of Llewellyn shoal, Singapore rock and the foul ground extending off Shoal point, also clears the ledge off Rocky islet and the dangerous reef northward of Flat-top islet. The reef off Hay point will be avoided by keeping within the south-west limit of the white light.

Llewellyn shoal (recently discovered by Staff Commander E. P. Bedwell, conducting the Admiralty Survey, Queensland), with 3 fathoms water on it, lying N. E. of Slade point distant 6½ miles, being within the limits of the white light; it is intended shortly to show a sector of *red* light through an arc of 10°, on the western side of the sector, so that with the white light in sight, vessels will be clear of danger.

TRINITY BAY.

(3) *Revolving Light on Low Isles.*

Also, with reference to British Admiralty Notice to Mariners, No. 38 (2), of 14th March 1878, on the exhibition of a temporary light, pending the construction of a lighthouse, on the westernmost Low islet, Trinity bay:—

Further Notice has been given, that on 17th September 1878, the permanent light would be exhibited:—

The light is a *revolving* white light, attaining its greatest brilliancy *every minute*, elevated 65 feet above the sea, and should be visible in clear weather from a distance of 14 miles.

The illuminating apparatus is dioptric, or by lenses of the third order.

The lighthouse, painted white, is situated in the centre of the islet.

Position, lat. 16° 23' S., long. 145° 35' 15" E.

On the exhibition of this light, the temporary light was discontinued.

ENDEAVOUR RIVER ENTRANCE—COOK HARBOUR.

(4) *Leading Lights at Cook Town.*

Also, that on 14th September 1878, two leading lights would be exhibited from above the sheds on Nos. 1 and 2 wharves, at, Cook town, Endeavour river entrance:

The lights are fixed *red* lights, and kept in line lead over the bar in the deepest water, and through the channel towards wharf, No. 1.

Approximate position of outer light, lat. $15^{\circ} 27' 30''$ S, long. $145^{\circ} 15'$ E.

NOTE.—Vessels entering Cook harbour at night, should steer with the leading lights in line, until near wharf, No. 1, when any available berth at the wharves will be seen.

The bearings are Magnetic. Variation $\left\{ \begin{array}{l} \text{Burnett river } 9\frac{1}{4}^{\circ} \\ \text{Pioneer river } 7\frac{3}{4}^{\circ} \end{array} \right\}$ *Easterly in 1879.*

By Direction of the Government of India,

R. C. CARRINGTON, *Chief Civil Assistant,*
for A. DUNDAS TAYLOR, *Comdr. (late I. N.),*
Superintendent, Marine Survey of India.

MARINE SURVEY DEPARTMENT, CALCUTTA 7th March 1879.

This Notice affects the following British Admiralty charts, &c.

(1). Nos. 2759a; 2763; 1068; 345; 412: Also, Admiralty List of Lights in South Africa, Australia, &c., 1879, and Australia Directory, vol. II., 1864, page 82.

(2). Nos. 2759a; 2763; 347: Also, Admiralty List of Lights, 1879, and Australia Directory, vol. II., 1864, page 120.

(3). Nos. 2759a; 2764; 2350: Also, Admiralty List of Lights, 1879, and Australia Directory, vol. II., 1864, page 160.

(4). Nos. 2759a; 2764; 2351; 1072: Also, Admiralty List of Lights, 1879, and Australia Directory, vol. II., 1864, page 163.

If this Notice is received on boardship, the substance of it should be inserted on the Charts affected by it, and introduced into the Sailing Directions to which it relates.

Government of Tasmania.

GOVERNMENT NOTICE.

(No. 250.)

Colonial Treasury, 26th October, 1878.

The Governor directs the publication of the following Notice to Mariners respecting the Lighthouse in course of erection at Currie Harbour, West Coast of King's Island, Tasmania, for general information.

By His Excellency's Command,

W. R. GIBLIN.

PRELIMINARY NOTICE TO MARINERS.

LIGHTHOUSE AT CURRIE HARBOUR ON WEST COAST OF KING ISLAND.

Marine Board, Hobart Town, 26th October, 1878.

NOTICE is hereby given, that a lighthouse now in the course of erection at Currie Harbour, on the West Coast of King Island, will be ready for exhibition in 1879.

The following is a description of the tower, and the light that will be exhibited:—

Tower.—Is an iron tower 70 feet high, supported by 6 cast-iron columns, the lower ends terminating in screw piles. It has a wrought-iron light room and central tube for staircase; it will stand on an eminence about 70 feet high, on the south side of Currie Harbour, in lat. $39^{\circ} 56' 45''$ south, long. $143^{\circ} 57'$ E.

Light is of the first order, dioptric holophotal revolving, with flashes every 12 seconds; viz.—5 flashes and eclipses alternately in a minute, will illuminate 180° of the horizon, and will be 150 feet above the sea level.

Due notice will be given of the exact date when this light will be first exhibited.

EDW. K. BARNARD, *Master Warden,*
Hobart Town Marine Board.

Government of New Zealand.

NOTICE TO MARINERS.

[No. 3 of 1879.]

EXHIBITION OF FLASHING WHITE LIGHT ON PUYSEGUR POINT, SOUTH-WESTERN EXTREMITY OF MIDDLE ISLAND, NEW ZEALAND.

Marine Department,
Wellington, New Zealand, 24th January, 1879.

With reference to the preliminary notice issued by this Department, dated the 22nd day of October, 1877, it is hereby notified that, on and after SATURDAY, the 1st day of MARCH next, a Light will be exhibited from the Lighthouse which has been erected on Puysegur Point, the position and characteristics of which are as follow:—

The Puysegur Point Lighthouse is situated on the point of that name, at the south-western extremity of the Middle Island, New Zealand.

The Tower is 40 feet in height, built of timber and painted white. The Light will be a FIRST ORDER FLASHING WHITE LIGHT, visible all round as far as the land will allow, and showing a flash every TEN SECONDS.

The Light is elevated 180 feet above the sea, and, allowing 15 feet for the height of the eye, will be seen at a distance of about $19\frac{3}{10}$ nautic miles in clear weather, and at lesser distances according to the state of the atmosphere.

G. GREY.

N.B.—This Notice will affect the following Admiralty Charts of New Zealand, viz.: General and Sheet XII.