



THE WESTERN AUSTRALIAN
GOVERNMENT GAZETTE.

[PUBLISHED BY AUTHORITY.]

Tuesday, FEBRUARY 26th, 1861.

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*Colonial Secretary's Office, Perth,
19th February, 1861.*

TENDERS (in duplicate) endorsed "Tenders for——" as the case may be, will be received at this Office until noon of Thursday the 7th of March next, from persons desirous to undertake either of the following works in the Murray District, plans and specifications of which may be seen on application at the Royal Engineer Office, at Fremantle, and at the Office of the Resident Magistrate for the Murray District.

1. Bridging and raising a Causeway over "Bouglass Gully."
2. Bridging and raising a Causeway over "Cornishe's Gully" between Dandalup Bridge and "Tates Gully," Pinjarrah.

The Government do not bind themselves to accept the lowest or any tender, and will require the guarantee of two responsible persons for the due performance of the contract.

Forms of tender may be had on application to the various Resident Magistrates, and at the Public Offices, Perth, and no tender will be entertained unless rendered on the prescribed form.

By His Excellency's command,
FRED. P. BARLEE,
Colonial Secretary.

Tender Accepted.

*Colonial Secretary's Office, Perth,
26th February, 1861.*

S. G. MEARES,

To clear the road from the turn down to Captain Meares' to S. E. Burges' road, and keep the same in repair for 12 months at per chain.

ALSO,

To repair the York road from the turn down to Captain Meares' to the mile Pool, and keep the same in repair for 12 months for £20.

BROWN BROTHERS,

To supply 3 saddles and one bridle for the Police at various prices.

J. FARMANER AND Co.,

To supply 500 lbs. of blasting powder at 10d. per lb.

C. A. MANNING,

Do., do., at the same price.

By His Excellency's command,
FRED. P. BARLEE,
Colonial Secretary.

*Colonial Secretary's Office, Perth,
12th February, 1861.*

THE undermentioned Allotments of Land will be offered for sale at Public Auction, by the Collector and Sub-Collector of Revenue at the places and on the dates hereunder mentioned.

At Albany, on the 6th March, 1861.

*Albany building lots, 149, 150, and 151.
Upset price £20 each.*

At Perth, on the 6th March, 1861.

*Northam building lots, No. 25 and 26.
Upset price £7 each.*

*Fremantle building lot, No. 318.
Upset price £30.*

*Newcastle building lot, No. 13.
Upset price £10.*

*York building lot, No. 131.
Upset price £10.*

*York building lot, No. 34.
Upset price £10.*

*York building lot, No. 35.
Upset price £10.*

York Suburban lot, No. 1, containing 5 acres.

Upset price £3 per acre.

At Perth, on the 3rd April, 1861.

Geraldton building lot, No. 116.

Upset price £15.

Geraldton building lot, No. 50.

Upset price £15.

Fremantle building lot, No. 191.

Upset price £30.

Fremantle building lot, No. 260.

Upset price £30.

By His Excellency's command,
FRED. P. BARLEE,
Colonial Secretary.

COMMISSARIAT.

SALE OF SURPLUS STORES, PER
CONVICT SHIP "PALMERSTON."

MR. SAMSON,

(Government Auctioneer.)

HAS received instructions to sell by Auction, at the Commissariat Magazines at Fremantle, on Thursday, the 7th March, at 11 o'clock precisely, the usual surplus stores, bedding, packages, &c., &c.

Commissariat, Fremantle,
22nd February, 1861.

H. ASHTON,
A. C. G.

Colonial Secretary's Office, Perth,
19th February, 1861.

IT is hereby notified for general information that 38 New Building Allotments have been marked out in the Town of Newcastle and are now open for selection and ready for sale at the Upset Price of £10 each.

These lots are numbered 21 to 58 inclusive.

Plans of the same may be seen at the Office of the Resident Magistrate Toodyay, or at the Survey Office, Perth.

By His Excellency's command,
FRED. P. BARLEE,
Colonial Secretary.

Colonial Secretary's Office, Perth,
26th February, 1861.

NOTICE is hereby given, that a remission of Export Duty on all Sandal Wood cut on Crown Lands, under license, prior to the 31st December, 1860, will be allowed, provided the undermentioned regulations are complied with prior to the 31st March, 1861, after which date duty will be levied on all Sandal Wood for which exemption has not been claimed.

1. All persons having Sandal Wood in store which has been cut prior to the end of 1860 must make a declaration before a Magistrate, as to the quantity thereof, on receipt of such declaration by The Collector of Customs, that Officer will issue a Certificate for the remission of duty on the amount named therein, provided he is satisfied the amount named in the declaration is correct; no second certificate to be granted to any person.

2. All persons having Sandal Wood stacked in the bush, cut under license prior to the 31st December, 1860, must satisfy the Resident Magistrate of the district in which it lies, that such is the case, and produce to The Collector of Customs a certificate from the Resident Magistrate, as to the quantity; on receipt of such certificate, remission of duty for the amount named therein will be allowed by The Collector.

3. The various Resident Magistrates and The Collector of Customs are hereby directed to issue no certificates after the 31st March, 1861, from which date, duty will be levied on all Sandal Wood not covered by such certificate.

4. The certificates for remission of duty issued by The Collector of Customs are to be transferable, so as not to impede the trade in the purchase or sale of Sandal Wood.

By His Excellency's command,
FRED. P. BARLEE,
Colonial Secretary.

Immigration Office, Perth,
February 26th, 1861.

IT is hereby notified that the following Immigrants per "Escort" are available for service:—

3 married couples
35 single women

Applications for the single women to be made to the Matron of the Servants' Home.

The total expense of conveying hired Immigrants from Depot must be paid by those hiring them as the Government will not incur any outlay connected with the transport of engaged Immigrants.

A. DURLACHER,
Immigration Agent.

Government House, Perth,
8th February, 1861.

PERSONS desirous of obtaining employment in the Convict Service are requested to apply to the Private Secretary (from whom forms of application may be obtained) with a view to filling up vacancies for Assistant Warders.

HENRY WAKEFORD,
Private Secretary.

Colonial Secretary's Office, Perth,
21st February, 1861.

CONDITIONAL PARDONS were this day signed for the following men:—

Reg. No. 5560	John Farrell
" 5480	John Brownsworth
" 5453	John Jones
" 5444	Henry Smith
" 4965	G. Webb
" 4726	John Jones
" 4136	James Watson
" 3782	Wm. Martin
" 3669	David Martin
" 3556	Thomas Knight
" 227	Wm. Burleigh
" 3583	Jacob Wright.

By His Excellency's command,
FRED. P. BARLEE,
Colonial Secretary.

General Post Office, Perth,
February 22nd, 1861.

LIST of unclaimed letters lying at this
Office:—

A

Addeslep T.
Alfred Eugène
Aliston J. No. 5348
Allan David
Allen W. No. (2)
Anderson James
Armstrong Samuel

B

Badbery W.
Bailey J. No. 4039
Ballu James
Barker Thomas
Barrett Richard (2)
Barr David
Barton G. No. 5291
Berry J. No. 3980
Beasley John
Bennett C. No. 4747 (2)
Bennett R. A.
Birnie George
Birch J. No. 3315
Bloom Charles
Boisserie Mr.
Boworn Jonathan
Bradnum Mr.
Breadman John
Breeze J. N. 5366
Bruce G. No. 5408
Brown Thomas
Brown J. No. 4526
Brown H. No. 5426
Brunton William
Brumsley or Butter Mr M. A.
Bryce E. No. 5536
Burges James
Burns T.
Burrows Joseph
Butcher Mrs. R.
Butterworth Emanuel (2)

C

Carter John No. 4921
Casey James No. 2444
Cassells Ellen
Chamberlain W.
Chatterton Mrs. Ellen
Chitty R. J.
Chitty H. T.
Clancy T. No. 5048
Clark Joseph
Clements Anne
Cleary Patrick
Clemas Thomas
Coleman Edward
Coleman James Welch
Collins W. No. 4552
Connell Thomas
Connoly Patrick
Connors John
Cooke James
Cooper W.
Cooper Henry
Cooper G. No. 3788
Corben Martha
Cornish E. B.
Coyle W. No. 4133

D

Daster or Daxter R. No. 3765
Davis Fred.
Davison George (4)
Davidson J.
Deer James No. 2784
Dennis H.

Diamond W. No. 4842
Dolby W. No. 1200
Donaghey Margaret
Donolly W. A.
Doust Anne
Dunbar John
Dwyer Michael

E

Edwards W. No. 5338
Elkins T. No. 5247

F

Fairwell Mr.
Feries George
Finnernore Mrs. (Registered)
Fisher Mrs. Joseph
Fox Samuel
Freeman Mrs. Joseph
Fulton James

G

Gaffrey *alias* Gready Mary
Gally J. No. 5188
Garrie George
Gaston N.
Gillespie T. No. 1048
Graham H.
Grindel W.
Gibbs George

H

Hardaker John
Harris John No. 4961
Hayes John
Haywood R.
Higginbotham J. No. 4894
Henson Miss C.
Highland Henry
Hipper J.
Hounsell Richard
Houston Arthur
Howells Abraham (2)
Hoyman George
Huckell J.
Hull William
Hulmes J.
Huges Mr.
Hughes H.
Hunter James

I J

Jackson Samuel
Johnson J. No. 4377
Jarvies Wm. (Registered)
Johnstone W.
Jones Edwin
Judge James
Jussup C. No. 1502

K

Keeling S. No. 4989
Kinder Samuel
King Captain
King Daniel John
Kitson John
Knight J. Hamilton
Knight James
Knight Joseph

L

Lagetton Mr.
Locatrale J. No. 4616

M

Magge Margaret
Magson John Bain
Manning Mr.
Manning James
Martin G. H. (2)
Marwood W. No. 4819
Macbride Mary

Mason G. No. 4829
 Mayner J. No. 3108
 McCallum Eliza
 McDermott Miss
 Mc Donald J. No. 4997
 McDonald Hugh
 Mc Illrath W. (2)
 Mc Govern Susanna
 McGrath Mr.
 McGurk John
 Mc Kean P. No. 4160
 Mc Kay Alexander
 Mc Pherson J. No. 4054
 Meagher R.
 Megaw Rachael
 Melrose W.
 Mulroe J. No. 4925
 Murkey Mrs.
 Murphey W. No. 3256.
 Murphy Thomas
 Murphy Peter

N

Nelson John (1)
 Nichols W. (2)

O

Oates William

P

Palin R. No. 4606
 Parker J. No. 5278
 Parker James
 Patterson William
 Payne Henry (2)
 Paynter Alfred
 Pearce John
 Pemberton Mr.
 Pegi Jeffery
 Plunkett J.
 Plummer Thomas
 Poole John No. 4518
 Price J. No. 4800

R

Raaffa Bridget
 Randale Thomas
 Ravanage Thomas(2)
 Reardon W. for Connor C.
 Redmont Mr.
 Reggan E. F.
 Reid R.
 Representatives of William Jas.
 Trejgear
 Ringing Mr.
 Reyland Samuel
 Robinson Captain
 Rooke W. (2)
 Ruane J. No. 2492
 Rundull S.

S

Samuel Edward
 Sanderson James
 Savile Thomas
 Shannon John
 Shaddick W. No. 488
 Sheppard Henry
 Shewell J. No. 5209
 Sibley Alfred
 Simmonds or Mould W.
 Skippon Mr.
 Sloss William (2)
 Smith T. No. 5131
 Smith W. No. 4680
 Smith George No. 5029
 Smith J. No. 3171
 Spanswick R. (Registered)
 Spiller William (3)
 Starling J. P.
 Sullivan John
 Swindler W. No. 4700
 Sylvester Richard

T

Thomas T. No. 1571
 Thomas G. No. 3909
 Thomas Thomas
 Thomas Richard
 Thompson John R.
 Thompson William (2)
 Torpey David
 Turner G. No. 604
 Turner George

W

Walshe Catharine
 Ware J. (2)
 Ward J. No. 29
 Warrington Peter (2)
 Watson T. No. 3934
 West Charles
 West William (3)
 White W. No. 3586
 Whitley W. No. 4007
 Whitney Edward (2)
 Wiars Richard
 Wiseman T.
 Withers Richard
 Wright Edward

Y

Young Jane

Letters addressed as under are detained
 at this office for non-payment of postage.

Gaffney Mrs Jane,—America. 8d
 Laing Mrs. —London 6d

A. HELMICH,
 Postmaster General.

LIGHTS, BEACONS, AND BUOYS IN VICTORIA.

Department of Trade and Customs,
Melbourne, 7th January, 1861.

THE accompanying Notice to Mariners, relative to the various lights, beacons, and buoys throughout the colony of Victoria, is published for general information.

By His Excellency's Command,
ROBERT S. ANDERSON,
Commissioner of Trade and Customs.

T.&C.61 18.

NOTICE TO MARINERS, VICTORIA. LIGHTS, BEACONS, AND BUOYS.

Various alterations having from time to time been made in the lights, beacons, and buoys, on the coast and within the ports of Victoria, the following revised lists are published for general information.

The buoys are divided into three classes: the first class are cone-shaped, built of pine, sixteen feet long, nine feet at broad end; the second class are cone-shaped, built of pine, fourteen feet long, seven feet at broad end; the third class are cone-shaped, eleven feet long, six feet at broad end.

These buoys are all secured with chain moorings and mushroom anchors.

Entering from sea, white or red buoys, with even numbers, to be left on the starboard hand; black buoys, with odd numbers, on the port hand.

Chequered buoys to be passed on either side.

Green buoys, marked "Wreck," are moored close to sunken vessels.

Great inconvenience having been experienced, and much injury done to the lightships and buoys, by vessels running foul of them, the attention of commanders, pilots, and others in charge of vessels, is drawn to section VII. of 16 Victoria No. 12, which imposes a penalty of from two to one hundred pounds on persons injuring buoys, beacons, land or sea marks.

CHARLES FERGUSON,
Chief Harbor Master.

Office of Ports and Harbors,
Williamstown, 28th December, 1860.

LIGHTHOUSES AND HARBOR LIGHTS.

List of Coast, Harbor, Floating, and Pierhead Lights, in the Colony of Victoria.

PORTLAND BAY HARBOR LIGHT.

The lighthouse at Portland Bay is situated on Battery Hill; its approximate position is lat. 38° 22' S., long. 141° 30' E.

The light is a *fixed red light*, elevated one hundred and sixteen (116) feet above the mean level of the sea, and may be seen in clear weather at the distance of about thirteen (13) nautical miles, allowing ten (10) feet for the height of the eye, and at lesser distances according to the state of the atmosphere.

The light is visible from N. by W. round easterly to S.E.

The lighthouse is built of stone, and colored *grey*.

The light hitherto shown at the seaward end of the jetty is altered in color from *red to green*.

Caution.—Vessels from the westward bound to Portland Bay must be careful in rounding the Lawrence Rocks not to bring the light to bear to the northward of N.W. by W. $\frac{1}{2}$ W. After passing the Lawrence Rocks a course may be shaped for the light, keeping it on the port bow, and not standing in to less than six (6) fathoms. When abreast of the anchorage, the jetty light, colored green, will be visible bearing west.

Bearings taken from the lighthouse and the approximate distances:—

Lawrence Rocks, eastern point	} S.E., 4 miles.
Whalers' Bluff, extreme north point	} N.W. by N., 1 mile.
Whalers' Reef Buoy	.. N. by W. $\frac{1}{2}$ W., 1 do.

PORT FAIRY HARBOR LIGHT.

The lighthouse at Port Fairy is situated on the eastern part of Rabbit Island, about five (5) yards from high water mark; its approximate position is lat. 38° 24' S., long. 142° 20' E.

The light is *fixed and flashing, colored red*, showing a *bright flash* every three minutes. At a distance of six (6) miles and upwards it will appear as a *steady light* for a space of one minute and forty seconds, be suddenly *eclipsed* thirty-four seconds, then exhibit a *bright flash* for twelve seconds, and be again *eclipsed* for thirty-four seconds, when the *steady light* will re-appear.

When a vessel is within about three (3) miles of the light the eclipses will be scarcely observable, a continued fixed light being at that distance in clear weather, visible between the intervals of the bright flashes.

The light is elevated forty-one (41) feet above the mean level of the sea, and is visible from N. by W. $\frac{1}{2}$ W. round by east and south to S.W. by W. $\frac{1}{2}$ W., at the distance of nine (9) nautical miles, allowing ten (10) feet for the height of the eye, and at lesser distances according to the state of the atmosphere.

The lighthouse tower is circular, built of stone, and colored *red*.

Mariners are particularly requested to note the distinctive features of the Port Fairy and Cape Otway lights, the latter being *white*, and attaining its greatest brilliancy once every minute.

Caution.—Masters of vessels working in shore to the westward of Port Fairy must be careful not to bring the light to bear to the eastward of N.E. by E. $\frac{1}{2}$ E.

The light should not be approached nearer than one (1) mile until it bears W. by S., when a N.W. by W. course may be steered for the roads. When the light bears S. by W. $\frac{1}{2}$ W. anchor in six and a half (6 $\frac{1}{2}$) or seven (7) fathoms.

To avoid fouling the moorings, do not bring the light to the southward of S. by W. $\frac{1}{2}$ W.

No strangers should attempt to pick up this light in thick weather, nor enter Port Fairy at night.

Bearings taken from the lighthouse and the approximate distances:—

South end Julia Percy Island	} W. by S. $\frac{1}{2}$ S., 13 miles.
S.S.E. extremity of reef off Dusty Miller Island	} S. by W. $\frac{3}{4}$ W., $\frac{3}{4}$ do.
N.E. extremity of Rabbit Island Reef	} N.E. by E. $\frac{1}{2}$ do.
Outer mooring anchor buoy N.	by E. $\frac{3}{4}$ do.

WARRNAMBOOL HARBOR LIGHT.

The lighthouse at Warrnambool is situated on Middle Island; its approximate position is lat. 38° 26' S., long. 142° 32' E.

The light is a *fixed white light*, elevated seventy-eight (78) feet above the mean level of the sea, and may be seen in clear weather at the distance of about thirteen (13) nautical miles, allowing ten (10) feet for the height of the eye, and at lesser distances according to the state or the atmosphere.

The light is visible from all points of the compass.

Caution.—Vessels from the westward should not bring the light to bear to the southward of E. nor to the westward of N.W. by W. $\frac{1}{2}$ W. if from the eastward.

No stranger should attempt to enter this harbor at night.

Bearings taken from the lighthouse and the approximate distances:—

S.E. extremity of reef	S.E. by E. $\frac{1}{2}$ E., 5 cables length.
Southern extremity of Hopkins Reef	} E. $\frac{1}{2}$ S., 2 miles.

WARRNAMBOOL LEADING LIGHT.

The leading lighthouse is built of wood, and stands a little above high water level in line with two (2) white obelisks. The lighthouse bears from the Middle Island light N. 37° 30' E., exhibits a fixed red light, and is visible three (3) miles from S. 1° 30' E. to S. 20° 30' E., thus only illuminating an arc of nineteen degrees.

CAPE OTWAY LIGHT.

The approximate position of the Cape Otway Lighthouse is in lat. $38^{\circ} 51' S.$, long. $143^{\circ} 34' E.$ It stands on the southern extremity of Cape Otway, at an elevation of three hundred (300) feet above high water level, and exhibits a white revolving light, showing a bright flash of four seconds' duration once every minute, and may be seen in ordinary weather twenty-four (24) miles. Mariners are particularly requested to note the distinction between the Otway and the Cape Schanck lights; the Otway showing a bright flash once every minute, the Schanck a bright flash once every two minutes.

SHORTLAND'S BLUFF LIGHTS.

There are two lighthouses on Shortland's Bluff.

The upper lighthouse is a circular stone tower, painted white, exhibits a white fixed light, which burns at an elevation of one hundred and eight (108) feet above high water level, and is visible from south round westerly to S.W. sixteen (16) miles.

The lower lighthouse is built of wood, painted white, and stands at an elevation of eighty (80) feet above the level of the sea, bearing from the centre of upper lighthouse S. $33^{\circ} W.$ distant six hundred and seventy (670) feet. The light is fixed red, and is visible from S.W. to S.W. $\frac{1}{4} W.$ twelve (12) miles.

SWAN SPIT LIGHT.

The Swan Spit Lighthouse is built upon piles, and exhibits a fixed red light visible all round the compass.

The Swan Spit Lighthouse is situated on the S.W. end of the spit, in fifteen (15) feet at low water, two hundred and fifty (250) fathoms off shore, with the following bearings:—

Upper Light, Shortland's Bluff, S. $56 W.$

Royal George Perch Buoy, S. $37 W.$

Fairway Beacon, on Swan Island, N. $69 W.$

There are two small sand knolls outside of the lighthouse, with not more than twelve (12) feet of water over them, bearing respectively from the lighthouse E.N.E. and S.E. by E., distant forty (40) fathoms.

Vessels must not approach the lighthouse nearer than sixty (60) fathoms, outside of which distance there is a clear channel of one-third of a mile, with three, four, and five fathoms water.

WEST CHANNEL LIGHTSHIP.

This lightship is moored in three (3) fathoms at the north end of the west channel; she has three masts, two surmounted each with a ball; hull and balls painted red; exhibits two white lights, which, in ordinary weather, may be seen from all points of the horizon, ten miles.

In the event of the lightship breaking adrift, the balls and lights will be discontinued, and instead two red lights substituted, one at the end of the davit forward, the other on a stanchion beside the ensign staff, and a flare light shown every quarter of an hour during the night.

GEELONG LIGHTSHIP.

This vessel is moored opposite the Bird Rock, on the port side of the channel leading into Geelong. She exhibits a bright fixed light, elevated twenty-seven (27) feet above the sea level, and may be seen in clear weather from the deck of a vessel ten (10) feet above the water, nine (9) nautic miles.

The vessel is moored in twelve (12) feet at low water, with the following magnetic bearings:—

Outer red dolphin, upon which a red ball has been placed	N. $32 W.$
Beacon on Bird Rock	S. $89 E.$
Point Henry	S. $4 W.$

Tidal Signals are hoisted by day on board the lightship to indicate the height of water on the Bar.

In the event of the lightship breaking adrift, the light will be discontinued, and instead two red lights substituted, one at the end of the davit forward, the other on a stanchion beside the ensign staff, and a red flare light shown every quarter of an hour during the night.

GELLIBRAND'S POINT LIGHTSHIP.

This vessel is moored off Gellibrand's Point, in five (5) fathoms, with the following bearings:—

Point Cook, S.W. $\frac{3}{4} W.$	8 miles.
Old Lighthouse, N. by W. $\frac{1}{2} W.$	550 fathoms.
Sandridge Sugar Works, N.N.E.	2 miles 150 fathoms.
White buoy off St. Kilda bank, N.E. by N.	1 mile 200 fathoms.

The Gellibrand Point Lightship has one mast surmounted by a ball.

This vessel exhibits a white revolving light, showing a bright flash every thirty seconds.

In the event of the lightship breaking adrift, the ball and light will be discontinued, and instead two red lights substituted,

one at the end of the davit forward, the other on a stanchion beside the ensign staff, and a flare light shown every quarter of an hour during the night.

CAPE SCHANCK LIGHT.

The approximate position of the Cape Schanck Lighthouse is in latitude $30^{\circ} 30' S.$, longitude $144^{\circ} 54' E.$; it stands upon the highest part of that Cape about half a mile N.N.W. of the Pulpit Rock.

The light is a catadioptric, first class, fixed and flashing white light, white showing a bright flash every two minutes.

The light at a distance of eight (8) miles and upwards, according to the state of the atmosphere, will appear as a steady light for the space of one minute, be suddenly eclipsed for twenty-five seconds, then exhibit a bright flash for about ten seconds, and be again eclipsed for twenty-five seconds, when the steady light will re-appear.

When a vessel is within about six (6) miles from the light, the eclipses will be scarcely observable, a continued faint light being at that distance, in clear weather, visible between the intervals of the bright flashes.

The light is three hundred and twenty-eight (328) feet above the mean level of the sea, and visible from E. $\frac{1}{4} S.$ round southerly to N.W. $\frac{3}{4} W.$ at the distance of twenty-three (23) nautic miles, allowing ten feet for the height of the eye, and at lesser distances according to the state of the atmosphere.

The lighthouse tower is circular, built of stone, and painted red.

Mariners are reminded that the reef to the southward of the Pulpit Rock lies S.S.E. about seven (7) cables' length from the site of the lighthouse, vessels in passing the light must therefore give it a wide berth.

WILSON'S PROMONTORY LIGHT.

The Wilson's Promontory Lighthouse is situated on the south-eastern part of the headland: its approximate position is latitude $38^{\circ} 9' S.$, longitude $146^{\circ} 23' E.$

The light is a catoptric, first class, fixed white light, elevated three hundred and forty-two (342) feet above the mean level of the sea, and seen in clear weather at the distance of about twenty-four (24) nautic miles, allowing ten feet for the height of the eye, and at lesser distances according to the state of the atmosphere.

The lighthouse tower is circular, built of stone, and painted white.

The light is visible from N.N.E. round southerly to W.S.W., excepting that by the intervention of the adjacent islands the light will be eclipsed to vessels upon the undermentioned bearings from it, and for a few degrees on either side of them.

Bearings of islands taken from the lighthouse, and their approximate distances:—

South part of Cleft Island	.. S.W. by W. $\frac{1}{2} W.$	$5\frac{1}{2}$ miles.
Centre of Rodondo Island	.. S. $\frac{1}{2} W.$	$6\frac{3}{4}$ miles.
.. Ten-foot Rock	.. S. $\frac{1}{2} E.$	4 $\frac{1}{2}$ miles.
.. West Moncur Island	.. S.E. $\frac{3}{4} E.$	$7\frac{1}{2}$ miles.
.. East Moncur Island	.. S.E. $\frac{3}{4} E.$	8 miles.
.. Clifty or South Seal Island	N.E. $\frac{1}{4} N.$	17 miles.
.. North Seal Island	.. N.E. by N.	16 miles.
.. Cape Wellington	.. N.E. by N. $\frac{3}{4} N.$	$4\frac{1}{2}$ miles.

Vessels steering through Bass's Straits, or from Port Philip, bound eastward round Wilson's Promontory, may first see the light through the gap between Cleft and the adjacent Glennie Island, bearing E.N.E.; as they proceed to the southward and eastward it will be eclipsed for a few degrees by Cleft Island.

When the light bears N.E. the channel between Cleft Island and the Rodondo will be open, and vessels may steer direct for the promontory.

Vessels to the eastward of the Seal Island, and bound round the promontory, sighting the light bearing to the southward of S.W., will be to the northward of the fairway, and should haul out until the light bears S.W. by W., which bearing will lead them clear of Clifty and the other Seal Islands.

PORT ALBERT HARBOR LIGHT.

The Port Albert Lighthouse is situated on the eastern end of La Trobe Island; its approximate position is in lat. $38^{\circ} 46' S.$, long. $146^{\circ} 31' E.$

The light is fixed and flashing, colored red, showing a bright flash every three minutes at a distance of six (6) miles and upwards; it will appear as a steady light, for a space of one minute and forty seconds, be suddenly eclipsed thirty-four seconds, then exhibit a bright flash for twelve seconds, and be again eclipsed for thirty-four seconds, when the steady light will re-appear.

When a vessel is within about (3) three miles of the light the eclipses will be scarcely observable, a continued fixed light being at that distance visible between the intervals of the bright flashes.

The light is elevated forty (40) feet above the mean level of the sea, and is visible from E. by N. round southerly to S.W. at the distance of nine (9) nautic miles, allowing ten (10) feet for

the height of the eye, and at lesser distances according to the state of the atmosphere.

The lighthouse tower is built of wood and colored red.

Bearings taken from the lighthouse and the approximate distances :—

Outer red buoy, old channel	S.E. by E. $\frac{3}{4}$ E.	$3\frac{1}{2}$ miles.
Cliffy Island	S.E. by S. $\frac{1}{4}$ S.	13 do.
Rabbit Island	S. by W. $\frac{3}{4}$ W.	11 do.
Point Townsend	S.W.	$3\frac{1}{2}$ do.

FLINDERS LIGHT, GABO ISLAND.

The lighthouse on Gabo Island, off Cape Howe is situated in latitude $37^{\circ} 34' 20''$ S., and longitude $149^{\circ} 54' 40''$ E. The lighthouse is a skeleton timber erection painted white, the roof and framing of the lantern painted red, and the ventilated ball painted yellow. It stands nearly in the centre of the island, about three quarters of a mile from its southern point, upon a sandhill one hundred and fifty-seven feet six inches (157 feet 6 inches) above the sea. The following magnetic bearings are taken from the lighthouse :—

Cape Howe, N. 32° E.
Ram Head, S.W.

The light is a fixed white light of the first class, and is eclipsed by a small range of sandhills from S. 15° E. to S. 4° W. (in all 19°) to a distance averaging about two (2) miles out to sea. It

is estimated that the light can be seen twenty (20) miles distant in clear weather.

A new light-house is now building on the S.E. point of the island, on which will be exhibited a first class fixed catadioptric light.

Pierhead lights are exhibited at the undermentioned places :
Portland.—A green light, visible two miles, on end of old jetty.

Queenscliff.—A green light, visible four miles, on end of jetty.
Geelong.—A white light, visible three miles, on end of steamboat jetty.

Williamstown Breakwater.—A red light, visible three miles, on end of breakwater.

Williamstown Jetty.—A red light, visible two miles, on end of old jetty.

Sandridge Railway Pier.—A fixed green light, visible two miles, on end of railway pier.

Sandridge Jetty.—A red light, visible two miles, on end of old pier.

Snapper Point Jetty.—A red light, visible two miles, erected on end of jetty.

During thick weather gongs are sounded on board the light-ships and at the Swan Spit Lighthouse, at intervals of ten minutes.

BEACONS.

Name of Beacon.	Position.	Color and Description.	Remarks and Bearings.
Apolio Bay Beacons	Two on Cape Bunbury, situated about 11 miles N.E. from Cape Otway Lighthouse	Inner white, outer red . .	Bearing from each other S.E. $\frac{1}{2}$ S. and $\frac{1}{2}$ N.
	Two on Point Hayley situated about 9 miles N.E. from Cape Otway Lighthouse	Inner white, outer black	Bearing from each other E. $\frac{1}{4}$ N. and W. $\frac{1}{4}$ S. These beacons are intended to mark the position of Henty's Reef, which lies about 2 miles off Cape Bunbury, with not more than 18 feet on it at low water. The position of the reef is marked by the intersection of two lines, the one drawn through the beacons on Point Hayley, and through the beacons on Cape Bunbury.
Nepean Rock Beacon	Nepean dry rock, at entrance of port Phillip	Red, cone shaped . .	Thwart mark to clear Corsair Rock.
Point Nepean Beacon	On Point Nepean, a little above high water mark	White, cone shaped, 20 feet high	Bears E. and W. with Nepean Rock beacon when in a line, and Low Lighthouse on with Shortland's Bluff flagstaff marks position of Corsair Rock
Point Lonsdale Beacon	Point Lonsdale, 200 feet N.W. of the Flagstaff	Red pillar, with skeleton ball, 20 feet high	Thwart mark to mark rock off Point Lonsdale, bearing in one with flagstaff N.W.N.
Swan Point High Beacon	Middle of Swan Point	White mast, 80 feet high, surmounted with red cone	This beacon kept open of Low Lighthouse point leads clear of Lonsdale Rock
Anonyma Rock Beacon	Rock off Red Bluff, near Brighton	White mast, with chequered ball, in 5 feet water, 16 feet high from high water mark	Three fathoms round the rock. Gellibrand's Point N.W. $\frac{3}{4}$ N., Red Bluff E. $\frac{1}{4}$ S.
Geelong North Shore Beacon	North Beach (entrance of ship channel, Bird Rock)	A red skeleton globe, 30 feet high	This beacon on with the summit of Station Peak clears the spit extending to the westward of Bird Rock
Bird Rock Beacon	On Bird Rock	Cone of stone, with white globe, skeleton beacon	Centre of Bird Rock
North Dolphins	Three on the north side of Geelong Channel	Red	To show the north edge of the ship channel.
South Dolphins	One on the south and inner edge of Geelong Channel	Black	To show the south and inner edge of the ship channel.
Little River	On rocky patch about a mile off shore	Sunken beacon, with mast and red ball, 11 feet above level of water	Situated between Point Wilson and the Halfway Trees, centre of Arthur Seat touching Indented Head, Western Hummock. Station Peak W.N.W., entrance of Little River N. by W.
St. Leonard's Beacon	On St. Leonard's Reef, Indented Head	Sunken beacon, with mast and black ball, 16 feet above level of water	Placed in 10 feet water. Extreme of Indented Head N.W., St. Leonard's Jetty S.S.W.
Western Port Beacon	Eagle Rocks, Western Port	Staff and red ball, in 6 feet water, 7 feet above high water level	Summit of Mount Wellington, on French Island, S.E. by S.; Sandstone Island S.S.W.
Warnambool Beacons	On mainland at Warnambool	Two white stone obelisks	Bearing from each other N. 1° E. and S. 1° W, kept in one line of bearing lead in clear of the reefs.

BUOYS—PORT PHILLIP BAY.

Position.	Name and No. of Buoy.	Place of Buoy, and Depth moored in at low water.	Color and Description of Buoy.	Magnetic Bearings of remarkable objects from each buoy.
On Pope's Eye Shoal.	South Pope's Eye, marked S.	South end of Pope's Eye Shoal in 30 feet	Red, 1st class, cone . .	High Lighthouse, W. by N. $\frac{1}{2}$ N. Entrance of Point Nepean, S. W. by W.
	North Pope's Eye, marked N.	North end of Pope's Eye Shoal, in 24 feet	Red, 3rd class, cone . .	High Lighthouse, W. $\frac{1}{4}$ W. Extreme of Swan Point, N. $\frac{1}{4}$ W

BUOYS—PORT PHILLIP BAY.

Position.	Name and No. of Buoy.	Place of Buoy, and Depth moored in at low water.	Color and Description of Buoy.	Magnetic Bearings of remarkable objects from each buoy.
South side of West Channel.	Royal George No. 2	S.W. extremity of Royal George Shoal, in 18 feet, between South end of Simmond's and West Channel	White, 2nd class, cone, staff and ball	High Lighthouse, S. W. $\frac{1}{2}$ W. Mount Eliza, E. by N. $\frac{1}{2}$ N.
	Simmond's Spit, No. 4	S.W. end of Simmond's Spit, in 30 feet	White, 2nd class, cone	High Lighthouse, S.W. by W. $\frac{3}{4}$ W. White Cliff, S.E. $\frac{1}{4}$ E.
	Fork No. 6	West edge of Williamsand in 18 feet	White, 3rd class, cone	High Lighthouse, W.S.W.; south extreme of trees on Mud Island, S.E. by E. $\frac{1}{2}$ E.
	Wandsworth Knoll, No. 8	E. side of West Channel, in 18 feet	White, 2nd class, cone	Black Beacon on Swan Point, S.W. $\frac{1}{2}$ W. Black Beacon on Williamsand, E. by N. $\frac{1}{2}$ N.
	Channel Buoy, No. 10	West Edge of Williamsand, in 18 feet	White, 3rd class, cone	High Lighthouse, S.W.
	Elbow Buoy, No. 12	N.W. elbow of Williamsand, in 18 feet	White, 2nd class, cone with staff and ball	Arthur's Seat, S.E. by E. $\frac{3}{4}$ E. Indented Head, N. by W. $\frac{3}{4}$ W.
	Channel Buoy, No. 14	Western side of Williamsand in 18 feet	White, 3rd class, cone	Arthur's Seat, S.E. by E. $\frac{1}{2}$ E. High Lighthouse, S.W. $\frac{1}{4}$ W.
	North-East Buoy, No. 16	Northern extremity of Williamsand, in 18 feet	White, 2nd class, cone	High Lighthouse, S.W. $\frac{1}{4}$ S. Arthur's Seat, S.E. $\frac{1}{4}$ E.
	Fairway Buoy	Entrance of West Channel, 18 feet	Black, 3rd class	Flagstaff, Point Lonsdale, S. 56 W. Beacon, Swan Point, N. 39 W.
	North side of West Channel.	Swan Bay Buoy, No. 3	Southern extremity of West Sand, in 18 feet	Black, 2nd class, cone
Channel Buoy, No. 5		Edge of West Sand, in 18 feet	Black, 3rd class, cone	Extreme of Indented Head, N. $\frac{3}{4}$ W. Summit of Arthur's Seat, S.E. by E. $\frac{1}{2}$ E.
Channel Buoy, No. 7		Edge of West Sand, in 21 feet	Black, 3rd class cone	Indented Head, N.W. by N. $\frac{3}{4}$ N. Arthur's Seat, S.E. $\frac{3}{4}$ E.
Channel Buoy, No. 9		Knoll on West side of channel, in 13 feet	Black and white chequered, 1st class, cask	High Lighthouse, S.W. $\frac{1}{2}$ W. Red Bluff, Indented Head, S.W. $\frac{1}{2}$ W.
North-West Buoy, No. 11		N.W. extremity of West Sand, in 18 feet	Black, 2nd class, cone	High Lighthouse, S.W. $\frac{1}{2}$ S. Indented Head, N.W. $\frac{1}{2}$ N.
Nicholson's Knoll, Buoy		South Channel, 21 feet..	Black and white chequered, 3rd class	East Flagstaff, Sanitary Station, S. 16 W. Lighthouse, Shortland's Bluff, S. 20 W.
West Point King, No. 2		Western extremity of South Sand, in 27 feet	White, 2nd class, cone	Indented Head, N. by W. Point Nepean, W.
Upper Point King, No. 4		Edge of South Sand, in 27 feet	White, 2nd class, cone	Point Nepean, W. $\frac{1}{2}$ S. South White Cliff, S.E. $\frac{1}{2}$ S.
Channel Buoy, No. 6		South Sand, in 24 feet..	White, 3rd class, cone	White Cliff, S.E. by S. $\frac{1}{2}$ S. Point Nepean, W. $\frac{1}{2}$ N.
Channel Buoy, No. 8		South Sand, in feet..	White, 3rd class, cone	Point Nepean, W. $\frac{1}{2}$ N. Mount Eliza, N.E. $\frac{1}{2}$ E.
North side of East Channel.	Capel Sound, No. 10	Eastern extremity of South Sand, in 24 feet	White, 2nd class, cone, with staff and ball	Extreme of Point Nepean, W. Northern end of Mount Eliza, N.E. $\frac{1}{2}$ E.
	West Black Buoy, No. 1	Western extremity of North Sand, in 27 feet	Black, 2nd class, cone, with staff and ball	High Lighthouse, W. by N. Indented Head, N. by W. $\frac{3}{4}$ W.
	Boat Channel Buoy, No. 1	Edge of North Sand, in 24 feet	Black, 2nd class, cone	High Lighthouse, W. $\frac{3}{4}$ N. South White Cliff, S.E. by S.
	Channel Buoy, No. 5	Edge of North Sand, in 24 feet	Black, 3rd class, cone	Point Nepean, W. $\frac{1}{2}$ S. White Cliffs, S. $\frac{1}{2}$ E.
	Channel Buoy, No. 7	Edge of North Sand, in 24 feet	Black, 3rd class, cone	Point Nepean, W. Station Peak, N.W. $\frac{1}{2}$ W.
	Channel Buoy, No. 9	Edge of North Sand, in 24 feet	Black, 3rd class, cone	Point Nepean, W. $\frac{1}{2}$ S. South White Cliff, S.W. by S. $\frac{1}{2}$ S.
	Alpha Buoy, No. 11	Edge of North Sand, in 24 feet	Black, 3rd class, cone	North end of Mount Eliza, N.E. by N. Extreme of Point Nepean, W. $\frac{1}{2}$ S.
	East Buoy, No. 13	Eastern extremity of North Sand, in 42 feet	Black, 1st class, cone, staff and ball	Extreme of Point Nepean, W. North end of Mount Eliza, N.E. by N.
	Prince George Buoy	Prince George Bank, in 42 feet	Red, 1st class, cone shape	Extreme Point Richard, W. by S. Extreme of Indented Head, S. $\frac{1}{2}$ W.
	South Buoy	South end of West Sand, in 14 feet	Red, 3rd class	Summit of Arthur's Seat, E.S.E. Extreme of Indented Head, N.
Inner West Channel.	North Buoy	North end of West Sand, in 15 feet	Red, 3rd class	High Lighthouse, Shortland's Bluff, S.S.W. Arthur's Seat, S.E. by E.
	St. Leonard's Buoy	S.W. end of Prince George's Shoal, in 18 feet	Black, 3rd class	Station Peak, N.W. by N. High Lighthouse, S. by W. $\frac{1}{2}$ W.
	North St. Leonard's Buoy	On Shoal off Indented Head, in 24 feet	Black, 3rd class	High Lighthouse, N.W. by W. Station Peak, N.W. by W. $\frac{1}{4}$ W.
	Sandridge South Buoy	South end of St. Kilda Shoal, in 30 feet	White cone, 2nd class, with staff and ball	Gellibrand's Point Lighthouse, S.W. by W. $\frac{1}{4}$ W.
	Sandridge North Buoy	North end of St. Kilda Shoal, in 18 feet	White, 3rd class, cone	Red Bluff, Brighton, S.E. $\frac{1}{2}$ S. Lighthouse, Gellibrand's Point, S.W. $\frac{1}{2}$ W.
	Point Richard Buoy	N.E. extremity of Spit, off Point Richards, in 27 feet	Black, 3rd class, cone	Sandridge Church Steeple, N. by E. $\frac{1}{2}$ N. Point Richards, S. $\frac{1}{2}$ W. Indented Head, E. by S. $\frac{1}{2}$ S.
	South Shore Buoy, No. 1	South side of entrance to Point Henry Roads, in 18 feet	Black, 3rd class, cone	Point Richards, N.E. by E. $\frac{1}{2}$ E. Station Peak, N.N.W.
	South Shore Buoy, No. 2	South side of entrance to Point Henry Roads, in 21 feet	Black, 3rd class, cone	Point Henry, W. by N. $\frac{1}{2}$ N. Station Peak, West Hummock, N.W.
	Arthur the Great Buoy	Knoll West side entrance to Geelong Harbor, 18 feet	Red and black stripe, 3rd class, cone	Station Peak, N. W. Gap, Point Wilson, S.W. by W. $\frac{1}{2}$ W.
	Steam-boat Buoy	Middle of Point Wilson Shoal, 9 feet	Red, 3rd class, cone, with mast and ball	Point Henry, S.W. by W. $\frac{1}{2}$ W. Station Peak, N.W. by N. $\frac{1}{2}$ N.
Port Phillip Bay.	Point Wilson Buoy	S.E. extremity of Point Wilson Shoal, in 24 feet	White, 2nd class, cone, mast and ball	Point Henry, W. $\frac{1}{2}$ N. Station Peak, N.W. by N. $\frac{1}{2}$ N.
	Frankston Mooring Buoy	Frankston Wharf, 17 feet	Red cask buoy	Frankston Wharf, E.S.E.
	Snapper Point Mooring Buoy	Snapper Point, 17 feet..	Red cask buoy	Snapper Point Wharf, S.W. $\frac{1}{2}$ W.

GEELONG HARBOR.
BUOYS.

Name of Buoy.	Place of Buoy and Depth Moored in.	Color and Description.	Magnetic Bearings of remarkable objects.
Lady Peel's Buoy	N.E. of boat channel, on spit, extending to eastward, 12 feet water	Black cask buoy ..	Point Wilson, N.E. by E.
No. 2 Buoy ..	N.E. side of channel, in 12 feet water	White, 3rd class	
North side of Ship channel Buoy	Spit running off from north side of channel, in 10 feet water	Red cask buoy ..	Station Peak, N.
Transport Buoy ..	Off Geelong wharves, between Moorabool and Steamboat wharves, a cable's length distant, in 20 feet water	Red buoy, 3rd class ..	Wharfing to and from wharves
North-east Buoy, No. 2	N.W. side of channel, in 12 feet	White cask ..	Bird Rock, N.W. $\frac{1}{2}$ W. Extreme of Point Wilson, N.E. by E. $\frac{1}{2}$ E.
Bird Rock Buoy, No. 4	S.E. end of Bird Rock, in 12 feet	White, 1st class, with perch	Bird Rock, N.E. by N. North Black Dolphins
South-east Buoy, No. 1	N.W. end of sand bank, off Bird Rock, in 12 feet	Black	West Bed Beacon, W. by N. Bird Rock, N. $\frac{1}{2}$ E.

The sides of the River Yarra and the Geelong ship canal are marked by dolphins.
Red dolphins to be kept on the Starboard hand entering the harbor.
Black dolphins to be kept on the Port hand.

PORTLAND.
BUOYS AND MOORINGS.

Name and No. of Buoy.	Position and Depth at low water.	Color and Description.	Magnetic Bearings of remarkable objects from each Buoy
Quarantine Buoy	Off Blacknose Point, 7 fathoms	Nun buoy, yellow ..	Lawrence Rocks, extreme east point, S. 52° E. Blacknose Point, S. 11° E.
Whalers' Reef Buoy	Off Wheelers' Reef Bluff, 4 fathoms	Nun buoy, black and white chequered	Whalers' Bluff, N. 85° W. Flagstaff Observatory Hill, S. 10° E.
Inner Anchorage, mooring No. 1	Seaward end of new jetty, 3 cables in 4 $\frac{1}{2}$ fathoms	Red barrel buoy on mooring anchor, and white barrel buoy on end of chain	New Jetty, S. 67° W. Lighthouse on Observatory Hill, S. 32° E.

NOTE.—Chain moorings and coil springs are placed at the new jetty for mooring vessels under 200 tons.

PORT FAIRY.
BUOYS AND MOORINGS.

Name and No. of Buoy.	Position and Depth at low water.	Color and Description of Buoy.	Magnetic Bearings of remarkable objects from each Buoy.
Mooring, No. 1 ..	Inner Anchorage, 3 $\frac{1}{2}$ fathoms	Red iron barrel buoy ..	Centre of Saddle Hill, S. 11° W. Direction staff on west shore, N. 45° W.
Patches, No. 2 ..	Northern extremity of Patches, 3 fathoms	Black iron barrel buoy ..	Government flag staff, S. 65° W. Northernmost direction staff, N. 48° W.
S.W. Mooring Anchor Buoy, No. 3	N.E. of Patches, 5 fathoms ..	Red iron barrel buoy ..	Government flagstaff, S. 60° W. Northern direction staff, N. 48° W.
End of S.W. Mooring chain (two buoys), No. 4	N.E. of Patches, 6 fathoms ..	Red iron barrel buoy ..	Government flagstaff, S. 61° W. Northern direction staff, N. 54° W.
Largest Mooring Anchor Buoy, No. 5	Government Flagstaff and Old Mill in one, 6 $\frac{1}{2}$ fathoms	Red iron barrel buoy ..	Government flagstaff, S. 54° W. Northern direction staff, N. 50° W.
End of largest Mooring chain, No. 6	7 fathoms	Red iron barrel buoy ..	Government flagstaff, S. 56° W. Northern direction staff, N. 65° W.
Outer Anchorage Buoy, No. 7	Fuller's Mill, on with south side of St. John's Church 7 fathoms	Red iron barrel buoy ..	Government flagstaff, S. 53° W. Northern direction staff, N. 68° W.
End of outer Mooring chain, No. 8	Fuller's Mill, on with north end of St. John's Church 7 fathoms	Red iron barrel buoy ..	Government flag staff, S. 52° W. Northern direction staff, N. 65° W.

WARRENAMBOOL.
BUOYS AND MOORINGS.

Name and No.	Position and Depth at low water.	Color and Description of Buoys.	Magnetic Bearings of.
Outer Mooring Buoy, No. 1	Bearing from extreme point of S.E. reef N. 8° W., distant 2 cables' length, in 28 feet	Red barrel buoy on mooring anchor the chain laid on N.N.W.; also a red barrel buoy on chain 15 fathoms; and a white buoy on the extreme end of chain.	Extreme S.E. reef, S. 8° E. New Jetty, N. 53° W. Flagstaff, N. Funnel on Bateman's Hill, N. 58° W. Western Round Sand Hill on with River Merri, N. 68° W. Hopkins River, N. 83° W.
Inner Mooring Buoy, No. 2	Extreme point of S.E. reef N. 16° W., 1 $\frac{1}{4}$ cables from south reef, in 21 feet	Red barrel buoy on mooring chain, laid out to N.N.W., with red barrel buoy on chain, 15 fathoms from the end, and a white barrel buoy on the extreme end of chain.	Extreme end of S.E. reef, S. 15° E. New Jetty, N. 15° W. Inner Island, west end, S. 79° W. Flagstaff, N. 15° E. Distance from jetty, 2 $\frac{1}{2}$ cables.

WESTERN PORT.

Position.	Name and No. of Buoy.	Position and Depth at low water.	Color and Description of Buoy.	Magnetic Bearings of remarkable objects from each Buoy.
West side of Grant Island.	McCaffey's Reef Buoy	Outer end of McCaffey's reef, in 20 feet	Red Cask Buoy ..	Black Head, W.S.W. ; McCaffey's Point, S.E.
	Tortoise Head ..	S.W. edge of Tortoise Head Flat, in 3 fathoms	Red Cask	Tortoise Head, S.W. ; Sandy Point, W.N.W.

CORNER INLET.

Position	Name and No. of Buoy.	Position and Depth at low water.	Color and Description of Buoy.	Magnetic Bearings of remarkable objects from each Buoy.
Sea Entrance to Corner Inlet.	Outer Bar Buoy ..	Eastern end of Corner Inlet Bar, in 6 fathoms	Red cone buoy	Rabbit Island, S S.W. ; Mount Hunter, W. $\frac{1}{2}$ S.
	Second Bar Buoy ..	Western end of Corner Inlet Bar, in 4 fathoms	Red cone buoy	Mount Hunter, W. by S. ; Rabbit Island, S. by W.
	Channel Buoy, No. 6	On east bank, in 18 feet	Red cask	Rabbit Island, S. by W. $\frac{3}{4}$ W. ; Mount Hunter, W.S.W.
Welshpool, Bentley entrance Harbor	Bentley Bay Buoy, No. 8	On spit, 18 feet water	Striped black and white	Rabbit Island, S. by E. ; Mount Hunter, S.W. by S.
	Welshpool Buoy, No. 10	On south-east elbow of flat leading to Welshpool, 12 feet	Black and white striped	Point Singapore, S.E. by E. ; Doughboys Island, W.S.W.
Muddy Creek.	Channel Buoy, no. 12	East side of Muddy Creek Channel, in 12 feet	Red buoy	Entrance Peak, S.E. $\frac{1}{2}$ E. ; Granite Island S. $\frac{3}{4}$ E
	S.E. elbow of Muddy Creech Flat, No. 14	Entrance of Muddy Creek, in 14 feet	Red cask	Entrance Peak, $\frac{3}{4}$ E. Granite Island, S. $\frac{3}{4}$ E.
Muddy Creek.	Channel Buoy, No. 16	Channel, in 18 feet	Red cask	Granite Island, S. by E. $\frac{1}{4}$ E. Doughboys Island, S.W. $\frac{1}{3}$ W.
	West side of entrance to Corner Inlet.	W. Sand Buoy, No. 1	On south end of West Sand, in 12 feet	Black cask
No. 3		In 12 feet on S.W. end of West Sand	Black cask	Rabbit Island, S. by E. Mount Hunter, S.W. by S. $\frac{3}{4}$ S.
Muddy Creek.	Franklin Spit, Buoy, No. 5	On east end of Franklin Spit, in 18 feet	Chequered black and white cask	Entrance Peak, S.S.E. Granite Island, S. by W. $\frac{1}{2}$ W.
	Channel Buoy, No. 7	Channel to Muddy Creek in 14 feet	Black cask	Granite Island, S by E. Doughboy Island, S.W. $\frac{1}{2}$ S
	Channel Buoy, No. 9	In 14 feet	Black cask	Granite Island, S. by E. $\frac{1}{2}$ E. Doughboy Island, S.W. $\frac{1}{2}$ S.

PORT ALBERT.

Name and No. of Buoy	Position and Depth of water.	Color.	Bearing.
La Trobe Island Channel Buoy, No. 2	South side of Channel, in 6 feet water	Red Cask	Lighthouse, W. Mount Hunter, S.W. by S.
No. 4	South side of Channel, in 6 feet water	Red Cask	Lighthouse, W. $\frac{1}{2}$ N. Mount Hunter, S.W. by W. $\frac{1}{3}$ W.
No. 6	South side of Channel, in 8 feet water	Red Cask	Lighthouse, W. by S. Mount Hunter, S.W. $\frac{1}{2}$ S.
No. 1 —	North side of Channel, in 6 feet water	Black cask	Seal Island, S. by E. $\frac{1}{2}$ E. Mount Hunter, S.W. $\frac{1}{2}$ S.
Outer Buoy, No. 2 ..	On Port Albert Bar, in 18 feet water	Red cone	Lighthouse, N.W. by W. $\frac{1}{3}$ W. Mount Hunter, W. by S. $\frac{1}{3}$ S.
Bar Buoy, No. 4 ..	On Port Albert Bar, in 10 feet water	Red cone	Lighthouse, W. $\frac{1}{2}$ N. Mount Hunter, W. by S. $\frac{1}{3}$ S.
No. 1	On west side of Bar, in 8 feet	Black cask	Lighthouse, N.W. by W. Mount Hunter, W.S.W.
No. 3	On west side of Bar, in 8 feet water ..	Black cask	Lighthouse, W. by N. $\frac{1}{2}$ N. Mount Hunter, S.W. by W. $\frac{1}{2}$ W.

The sides of the Channel up to the port are marked by dolphins, red on starboard hand, and black on port hand.

TIDAL SIGNALS.
VICTORIA.

Tidal Signals for River Yarra, Gellibrand's Point.		Tidal Signals, Geelong Bar.		Tidal Signals, Point Lonsdale.		Tidal Signals, Port Albert.	
One blue flag	10	One blue flag	10	Blue flag, half-mast	Flood.	One black ball ..	Feet. 8
One ball	10 $\frac{1}{2}$	One ball	10 $\frac{1}{2}$		1st quar-ter.	One red flag ..	9
One ball, blue flag over	11	One ball, with blue	11	Blue flag, mast-head	2nd quar-ter	One white flag ..	10
One ball, blue flag	11 $\frac{1}{2}$	flag over		Red flag, half-mas ^t .	3rd quar-ter	One ball, with	11
under		One ball, blue flag	11 $\frac{1}{2}$		ter	white flag over	
Two balls	12	under		Red flag, mast-head	last quar-ter	Two balls ..	12
Two balls, blue flag	12 $\frac{1}{2}$	Two balls	12		Ebb	Two balls, with	13
under		Two balls, with blue	12 $\frac{1}{2}$	Blue flag, half-mast	1st quar-ter	white flag under	
Two balls, blue flag	13	flag under		with ball under	ter		
over		Two balls, with blue	13	Blue flag, mast-head	2nd quar-ter		
Two balls, red flag	13 $\frac{1}{4}$	over		ball under	ter		
under		Two balls, red flag	13 $\frac{1}{2}$	Red flag, mast-head	3rd quar-ter		
Two balls, red flag	14	under		with ball under	ter		
over		Two balls, red flag	14	Red flag, half-mast	last quar-ter		
Two balls, red flag	14 $\frac{1}{2}$	over		with ball under			
between		Two balls, red flag	14 $\frac{1}{2}$				
One red flag	15	between					
		One red flag	15				

NOTE.—All bearings herein given are magnetic, and the soundings those at low water spring tides.

CHARLES FERGUSON,
Chief Harbor Master.