



13 November 2020

Edition 23

AUSTRALIAN NOTICES TO MARINERS

Notices 938 - 978

Published fortnightly by the Australian Hydrographic Office



Australian Notices to Mariners are the authority for correcting charts and publications published by the Australian Hydrographic Office covering Australia, Papua New Guinea, Solomon Islands, Australian Antarctic Territory and Timor-Leste.

Commodore F.T. FREEMAN RAN
Hydrographer of Australia

SECTIONS.

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IMPORTANT NOTICE

This edition of Notices to Mariners includes all significant information affecting AHO products which the AHO has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The AHO regards third parties from which it receives information as reliable, however the AHO cannot verify all such information and errors may therefore exist. The AHO does not accept liability for errors in third party information.

GENERAL INSTRUCTIONS

The substance of these notices should be inserted on the charts affected.

Bearings are referred to the true compass and are reckoned clockwise from North; those relating to lights are given as seen by an observer from seaward.

Positions quoted in notices relate to WGS84 which is the horizontal datum for all charts produced by the Australian Hydrographic Office.

The range quoted for a light is its nominal range.

Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices.

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC OFFICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, e-mail datapcentre@hydro.gov.au or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email rccaus@amsa.gov.au).

AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Office (AHO) website (www.hydro.gov.au) and through the eNotices (email) service (www.hydro.gov.au/enotices/enotices.htm).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHO website as providing a 'Paper Notices to Mariners' service (www.hydro.gov.au/webapps/jsp/agents/agents-list.jsp). Copies of the notices may not be sold for profit without prior written agreement.

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938 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Office

New Charts

| <i>Chart</i> | <i>Title</i> | <i>Scale</i> | <i>Publication Date</i> | <i>Remarks</i> |
|--------------|--|--|-------------------------|--|
| PNG 392 | Papua New Guinea - New Ireland - New Hanover - North Cape to Nauna Island including Mussau Island 1° 15'·65 S – 3° 03'·10 S 148° 08'·60 E – 151° 11'·30 E | 1:300 000 | 13 November 2020 | Adoption of Papua New Guinea chart numbering. Replaces Aus 392. General updating throughout. |
| PNG 662 | Papua New Guinea - Admiralty Islands - Seeadler Harbour 1° 54'·63 S – 2° 03'·50 S 147° 12'·73 E – 147° 26'·67 E Plans: Lorengau Bay 2° 00'·88 S – 2° 01'·85 S 147° 16'·06 E – 147° 16'·90 E Lombrum Bay 2° 02'·24 S – 2° 03'·25 S 147° 22'·02 E – 147° 23'·33 E | 1:25 000 1:10 000 1:10 000 | 13 November 2020 | Adoption of Papua New Guinea chart numbering. Replaces Aus 662. General updating throughout. |

New Editions and Withdrawn Charts

| <i>Chart</i> | <i>Title</i> | <i>Scale</i> | <i>Publication Date</i> | <i>Remarks</i> |
|------------------------------|--|--------------|-------------------------|--|
| Aus 53 (Edition 7) | Australia - North West Coast - Western Australia - Approaches to Port Hedland | 1:50 000 | 13 November 2020 | New edition with general updating throughout; including latest bathymetric data.. Chart Aus 53 Edition 6 dated 24 October 2014 is now superseded and must be withdrawn from use. |
| Aus 54 (Edition 3) | Australia - North West Coast - Western Australia - Port Hedland | 1:7 500 | 13 November 2020 | New edition with general updating throughout; including latest bathymetric data. Chart Aus 54 Edition 2 dated 29 November 2013 is now superseded and must be withdrawn from use. |

New Electronic Navigation Chart (Aus ENC)

| <i>Cell Name</i> | <i>Title</i> | <i>Publication Date</i> | <i>Remarks</i> |
|------------------|---|-------------------------|------------------------------|
| AU5ABY01 | Australia - Victoria - Apollo Bay | 5 November 2020 | AU5141P6 has been withdrawn. |
| AU5SKI01 | Australia - Victoria - Port Phillip - St Kilda | 5 November 2020 | AU5155P3 has been withdrawn. |
| AU5SAN01 | Australia - Victoria - Port Phillip - Sandringham | 5 November 2020 | AU5155P4 has been withdrawn. |
| AU5M3N01 | Australia - Victoria - Port Phillip - Mornington | 5 November 2020 | AU5143P3 has been withdrawn. |
| AU5BTV01 | Australia - Victoria - Port Phillip - Brighton | 5 November 2020 | AU5155P2 has been withdrawn. |
| AU5BGE01 | Australia - Victoria - Port Phillip - Blairgowrie | 5 November 2020 | AU5143P2 has been withdrawn. |
| AU5RIP01 | Australia - Victoria - Port Phillip - The Rip | 12 November 2020 | AU5144P0 has been withdrawn. |

New Electronic Navigation Chart (Aus ENC) (continued)

| <i>Cell Name</i> | <i>Title</i> | <i>Publication Date</i> | <i>Remarks</i> |
|------------------|--|-------------------------|------------------------------|
| AU5AQCAS | Australian Antarctic Territory - Casey Station (Newcomb Bay) | 12 November 2020 | AU5601P1 has been withdrawn. |
| AU5ALT01 | Australia - Victoria - Port Phillip - Altona | 12 November 2020 | AU5155P1 has been withdrawn. |
| AU5CPT01 | Australia - Victoria - Western Port - Crib Point Oil Terminal | 12 November 2020 | AU5152P3 has been withdrawn. |
| AU5HIN01 | Australia - Victoria - Western Port - Hanns Inlet | 12 November 2020 | AU5152P4 has been withdrawn. |
| AU5RIN01 | Australia - Victoria - Western Port - Rutherford Inlet | 12 November 2020 | AU515P2 has been withdrawn. |
| AU5TNW01 | Australia - Victoria - Western Port - The Narrows | 12 November 2020 | AU5150P2 has been withdrawn. |
| AU5HAS01 | Australia - Victoria - Western Port - Hastings Bight | 12 November 2020 | AU5152P1 has been withdrawn. |
| AU5M3M01 | Australia - Victoria - Port Phillip - Martha Cove Harbour | 12 November 2020 | AU5143P6 has been withdrawn. |
| AU5AQC BH | Australian Antarctic Territory - Commonwealth Bay - Boat Harbour | 12 November 2020 | AU5603P1 has been withdrawn. |
| AU5STA01 | Australia - Tasmania - Stanley | 12 November 2020 | AU5178P3 has been withdrawn. |
| PG5662P1 | Admiralty Islands - Lorengau Bay | 5 November 2020 | AU5662P1 has been withdrawn. |
| PG5671P1 | Papua New Guinea - Palmalmal Wharf | 12 November 2020 | AU5671P1 has been withdrawn. |
| PG5652P1 | Papua New Guinea - North Coast - Aitape | 12 November 2020 | AU5652P1 has been withdrawn. |
| PG301142 | South Pacific Ocean - Cell 5 | 12 November 2020 | AU301142 has been withdrawn. |

Charts withdrawn

| <i>Chart</i> | <i>Remarks</i> |
|--------------|-------------------------------------|
| Aus 392 | On publication of new chart PNG 392 |
| Aus 662 | On publication of new chart PNG 662 |

Chart permanently withdrawn

Charts listed above as withdrawn no longer meet chart carriage requirements and should be marked as "superseded" and replaced with the new chart/ new edition listed prior to passage through the area covered by the new chart.

When placing orders with a chart agent between notice of forthcoming edition and its publication, mariners should advise whether their order pertains to the current edition or the new edition.

For further details refer to the AHO website at www.hydro.gov.au for new edition and new chart stock arrival information.

939 AUSTRALIA - Products - New Charts and New Editions to be published shortly
 Australian Hydrographic Office

New Charts to be published shortly

| <i>Chart</i> | <i>Title</i> | <i>Scale</i> | <i>Remarks</i> |
|--------------|--------------|--------------|----------------|
| NIL | | | |

New Editions to be published shortly

| <i>Chart</i> | <i>Title</i> | <i>Scale</i> | <i>Remarks</i> |
|--------------|--------------|--------------|----------------|
| NIL | | | |

Charts to be withdrawn without replacement 11 December 2020

| <i>Chart</i> | <i>Title</i> | <i>Scale</i> | <i>Publication Date</i> |
|-----------------------------|--|----------------------|-------------------------|
| Aus 280 Edition 5 | Australia - East Coast - Queensland - Plans in Queensland (Sheet 3) Plans: Magpie Reef to Eden Reef Flinders Group | 1:75 000 1:50 000 | 22 February 2019 |
| Aus 281 Edition 3 | Australia - East Coast - Queensland - First Three Mile Opening to Cape Direction | 1:75 000 | 22 February 2019 |

940 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2020/2021
Australian Hydrographic Office

ANTT 2020

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Amend BURNIE Correction to Chart Datum ENC AU442145 to AU5BWT01

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Amend DEVONPORT Correction to Chart Datum ENC AU5164P1 to AU5DPO01

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Amend ESPERANCE Correction to Chart Datum AUS 119 NE 30 OCT 2020 0.0

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941 AUSTRALIA - Product - Amendment to Mariner's Handbook for Australian Waters AHP20

Australian Hydrographic Office

Chapter 7 – page 120

Replace Page with accompanying page block

Chapter 7 – Section 7.5 - Australian Maritime Safety Authority's Differential Global Positioning System Service

Delete Section

Replace Section with accompanying block

Chapter 11 – Queensland Ports – page 222 – Brisbane - For more information

Delete www.portbris.com.au/ShippingOperations/PortHandbook

Replace www.portbris.com.au/Operations-and-Trade

Chapter 11 – Western Australian Ports – page 238 – Broome – Port Table

Replace Table with accompanying block

Chapter 11 – Oil and Gas Terminals – page 248 – Bayu Undan – Port Table

Replace Table with accompanying block

Chapter 12 – Section 12.1.2 – page 253 – Carriage Requirements – Table

Replace Table with accompanying block

942 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Nav aids

Maritime Safety Queensland Notice 302/2020

Aus 236 [649/2020]

Delete light beacon 27° 26'.7 S 153° 12'.2 E

Aus 236 (Manly Boat Harbour) [649/2020]

Insert [accompanying block](#) 27° 26'.5 S 153° 11'.8 E

943 AUSTRALIA - QUEENSLAND - Port Alma - Sea Reach - Light buoys

Maritime Safety Queensland

Aus 247 [851/2020]

| | | | |
|---------|--|-------------|--------------|
| Replace | light buoy with port lateral pillar light buoy, <i>Fl.R.2s No2</i> , with topmark | 23° 26'.1 S | 150° 58'.9 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.4s No4</i> , with topmark | 23° 27'.6 S | 150° 58'.3 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.4s No6</i> , with topmark | 23° 29'.6 S | 150° 57'.6 E |
| | light buoy with starboard lateral pillar light buoy, <i>Fl.G.4s No1</i> , with topmark | 23° 30'.1 S | 150° 57'.0 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.4s No8</i> , with topmark | 23° 30'.9 S | 150° 57'.1 E |
| | light buoy with starboard lateral pillar light buoy, <i>Fl.G.4s No3</i> , with topmark | 23° 31'.0 S | 150° 56'.6 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.4s No10</i> , with topmark | 23° 31'.6 S | 150° 56'.6 E |
| | buoy with starboard lateral pillar light buoy, <i>Fl.G.2.5s No5</i> , with topmark | 23° 31'.7 S | 150° 56'.1 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.2.5s No12</i> , with topmark | 23° 32'.5 S | 150° 55'.5 E |

Aus 265 [851/2020]

| | | | |
|---------|--|---------------|----------------|
| Insert | port lateral pillar light buoy, <i>Fl.R.4s No4</i> , with topmark | 23° 27'.571 S | 150° 58'.348 E |
| | port lateral pillar light buoy, <i>Fl.R.4s No8</i> , with topmark | 23° 30'.921 S | 150° 57'.064 E |
| | starboard lateral pillar light buoy, <i>Fl.G.4s No3</i> , with topmark | 23° 30'.980 S | 150° 56'.644 E |
| Replace | light buoy with port lateral pillar light buoy, <i>Fl.R.2s No2</i> , with topmark | 23° 26'.09 S | 150° 58'.90 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.4s No6</i> , with topmark | 23° 29'.58 S | 150° 57'.60 E |
| | light buoy with starboard lateral pillar light buoy, <i>Fl.G.4s No1</i> , with topmark | 23° 30'.12 S | 150° 57'.01 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.4s No10</i> , with topmark | 23° 31'.61 S | 150° 56'.59 E |
| | light buoy with starboard lateral pillar light buoy, <i>Fl.G.2.5s No5</i> , with topmark | 23° 31'.68 S | 150° 56'.12 E |
| | light buoy with port lateral pillar light buoy, <i>Fl.R.2.5s No12</i> , with topmark | 23° 32'.51 S | 150° 55'.50 E |
| Delete | light buoy | 23° 27'.65 S | 150° 58'.34 E |
| | light buoy | 23° 30'.88 S | 150° 57'.07 E |
| | light buoy | 23° 31'.02 S | 150° 56'.62 E |

944 AUSTRALIA - QUEENSLAND - Slade Island - Light buoy

Maritime Safety Queensland Notice 401/2020

Aus 250 (Mackay Harbour) [848/2020]

| | | | |
|------|------------|---------------|----------------|
| Move | light buoy | 21° 05'.49 S | 149° 14'.46 E |
| | to | 21° 05'.607 S | 149° 14'.773 E |

945 AUSTRALIA - QUEENSLAND - Weipa - VTS

Maritime Safety Queensland

Aus 4 [648/2020]

| | | | |
|--------|---|--------------|---------------|
| Insert | magenta dashed line with legend, <i>Weipa VTS</i> , between | 12° 57'.13 S | 141° 36'.05 E |
| | | 12° 46'.29 S | 141° 32'.50 E |
| | | 12° 33'.84 S | 141° 35'.50 E |
| Delete | magenta dashed line with legend, <i>Weipa VTS</i> , between | 12° 54'.5 S | 141° 38'.2 E |
| | | 12° 46'.3 S | 141° 33'.7 E |
| | | 12° 33'.8 S | 141° 35'.5 E |

Aus 301 [648/2020]

| | | | |
|--------|---|--------------|---------------|
| Insert | magenta dashed line with legend, <i>Weipa VTS</i> , between | 12° 57'.13 S | 141° 36'.05 E |
| | | 12° 46'.29 S | 141° 32'.50 E |
| | | 12° 33'.84 S | 141° 35'.50 E |
| Delete | magenta dashed line with legend, <i>Weipa VTS</i> , between | 12° 54'.5 S | 141° 38'.2 E |
| | | 12° 46'.3 S | 141° 33'.7 E |
| | | 12° 33'.8 S | 141° 35'.5 E |

946 PAPUA NEW GUINEA - Dregerhafen - Light beacons

Australian Maritime Safety Authority

PNG 653 (Dregerhafen and Schneiderhafen) [1240/2019]Insert light beacon, *Fl(4)R. 16s 7m 3M*, with port lateral topmark 6° 38'.490 S 147° 51'.650 E

Delete light beacon 6° 38'.67 S 147° 51'.59 E

947 PAPUA NEW GUINEA - North Cape to Seeadler Harbour - Chart name

Australian Hydrographic Office

Aus 391 [698/2020]Amend legend to *PNG 662* 1° 47'.0 S 148° 23'.0 Elegend to *PNG 662* 1° 55'.0 S 147° 25'.5 Elegend to *Adjoining Chart PNG 392* in E border 2° 30'.0 S 148° 31'.5 E**Aus 393 [275/2020]**Amend legend to *Adjoining Chart PNG 392* in W border 2° 30'.0 S 150° 33'.9 E**Aus 4622 (INT 622) [800/2020]**Amend legend to *PNG 392* 1° 18'.0 S 148° 15'.0 E**948 PAPUA NEW GUINEA - Saibai Island - Pipeline**

Maritime Safety Queensland Notice 403/2020

Aus 841 [651/2020]

Insert outfall pipeline, between 9° 22'.83 S 142° 36'.55 E

9° 22'.62 S 142° 36'.61 E

949 INDONESIA - Java Ridge - Depths

Geoscience Australia

Aus 4070 (INT 70) [277/2020]Insert [accompanying block](#) 10° 30'.0 S 110° 00'.0 E**Aus 4071 (INT 71) [277/2020]**Insert [accompanying block](#) 10° 30'.0 S 110° 00'.0 E**Aus 4708 (INT 708) [346/2020]**Insert [accompanying block](#) 10° 31'.4 S 110° 20'.0 E**Aus 4723 (INT 723) [542/2020]**Insert [accompanying block](#) 09° 37'.4 S 110° 18'.2 E

950 AUSTRALIA - WESTERN AUSTRALIA - Broome - Pilot boarding places

Australian Hydrographic Office

Aus 50 [701/2020]

| | | | |
|---------|--|--------------|---------------|
| Insert | pilot boarding place with magenta legend, <i>Northern</i> (see Note), centred on | 17° 51'.40 S | 122° 10'.00 E |
| | pilot boarding place with magenta legend, <i>Western</i> (see Note), centred on | 17° 58'.04 S | 122° 05'.04 E |
| Replace | PBP chart note with accompanying chart note | 17° 51'.7 S | 122° 19'.7 E |
| Delete | depth, 12 ₄ m | 17° 51'.4 S | 122° 10'.0 E |
| | pilot boarding place and legend, Outer (see Note) | 17° 58'.0 S | 122° 05'.4 E |

Aus 324 [701/2020]

| | | | |
|---------|--|--------------|---------------|
| Insert | pilot boarding place with magenta legend, <i>Northern</i> (see Note), centred on | 17° 51'.40 S | 122° 10'.00 E |
| Replace | PBP chart note with accompanying chart note | 19° 08'.0 S | 122° 14'.0 E |
| Amend | legend to <i>Western</i> (see Note) | 17° 58'.0 S | 122° 05'.0 E |

951 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Well northwestwards

Chevron Australia

Aus 328 [655/2020]

| | | | |
|--------|---|--------------|---------------|
| Insert | depth, 124m, enclosed by danger circle with legend <i>Well</i> , centred on | 20° 12'.86 S | 115° 04'.01 E |
|--------|---|--------------|---------------|

Aus 4723 (INT 723) [949/2020]

| | | | |
|--------|--|-------------|--------------|
| Insert | danger circle with legend <i>Well</i> , centred on | 20° 12'.9 S | 115° 04'.0 E |
|--------|--|-------------|--------------|

952 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Light beacons

Parks Victoria Notice 299/2020

Aus 143 (Patterson River) [656/2020]

| | | | |
|-------|------------------------------|--------------|---------------|
| Amend | structure colour to <i>R</i> | 38° 04'.45 S | 145° 07'.06 E |
| | structure colour to <i>G</i> | 38° 04'.48 S | 145° 07'.07 E |

953 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Nav aids

Parks Victoria Notice 297/2020

Aus 153 [24/2020]

| | | | |
|---------|--|---------------|----------------|
| Insert | special cylindrical light buoy, <i>Fl. Y. 4s</i> , without topmark | 38° 08'.590 S | 144° 21'.971 E |
| | special cylindrical light buoy, <i>Fl. Y. 4s</i> , without topmark | 38° 08'.620 S | 144° 21'.950 E |
| Replace | light beacon with special cylindrical light buoy, <i>Fl. Y. 4s</i> , without topmark | 38° 08'.55 S | 144° 22'.00 E |

Aus 157 [279/2020]

| | | | |
|---------|--|--------------|---------------|
| Replace | light beacon with special cylindrical light buoy, <i>Fl. Y. 4s</i> , without topmark | 38° 08'.55 S | 144° 22'.00 E |
|---------|--|--------------|---------------|

954* AUSTRALIA - VICTORIA - Toora Channel - Beacons

Gippsland Ports

Aus 181 [861/2020]

| | | | |
|--------|-----------------------|-------------|--------------|
| Amend | beacon to <i>No27</i> | 38° 41'.5 S | 146° 20'.6 E |
| | beacon to <i>No19</i> | 38° 42'.0 S | 146° 20'.8 E |
| | beacon to <i>No17</i> | 38° 42'.1 S | 146° 21'.1 E |
| Delete | beacon | 38° 42'.3 S | 146° 21'.3 E |

955 AUSTRALIA - TASMANIA - Georges Bay - Beacons

Maritime and Safety Tasmania Notice M186/2020

Aus 169 (Georges Bay) [380/2020]

| | | | |
|---------|---|---------------|----------------|
| Insert | starboard lateral beacon, <i>No5</i> , with topmark | 41° 17'.855 S | 148° 19'.072 E |
| | starboard lateral beacon, <i>No7B</i> , with topmark | 41° 18'.150 S | 148° 18'.654 E |
| Replace | buoy with port lateral beacon, <i>No8A</i> , with topmark | 41° 18'.49 S | 148° 17'.67 E |
| Delete | buoy | 41° 17'.84 S | 148° 19'.11 E |
| | buoy | 41° 18'.17 S | 148° 18'.58 E |

956 SOLOMON ISLANDS - Rennell Island - Coastline

European Space Agency

Aus 4634 (INT 634) [144/2020]

| | | | |
|--------|------------------------------------|-------------|--------------|
| Insert | accompanying block | 11° 40'.0 S | 160° 10'.0 E |
|--------|------------------------------------|-------------|--------------|

957(T)/2020 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instrument

Maritime Safety Queensland Notice 392(T)/2020

A special spar light buoy, *Fl. Y.2-5s*, exists in position 19° 52'.98 S 148° 04'.94 E.

Chart temporarily affected - Aus 255**958(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - Bulimba Reach - Harbour works**

Maritime Safety Queensland Notice 409(T)/2020

Barge *Enviro II* is conducting works to remove the jetty (27° 27'.11 S 153° 02'.95 E).

The area is marked by special light buoys, *Fl. Y.4s*.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238**959(T)/2020 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Harbour works**

Former Notice - 808(T)/2020 is cancelled

Maritime Safety Queensland Notice 193(T)/2020, 337(T)/2020, 397(T)/2020

Works associated with the construction of the Queens Wharf Brisbane are in progress on the northern shoreline in the vicinity of position 27° 28'.43 S 153° 01'.41 E.

Starboard lateral light buoys, *Fl. G.2-5s*, exist in positions 27° 28'.29 S 153° 01'.28 E and 27° 28'.66 S 153° 01'.53 E to mark safe water.

Flashing yellow lights will mark piles when left unattended during phases of construction.

All vessels will display appropriate lights and shapes; and will monitor VHF Ch 12, Ch 13 and Ch 16.

Construction of bridge pylons are in progress in positions 27° 28'.50 S 153° 01'.29 E, 27° 28'.48 S 153° 01'.35 E and 27° 28'.47 S 153° 01'.45 E.

The barge *Darwin* and support vessels are on site. The barge will deploy anchors marked by yellow lights.

The construction zone is marked by special light buoys and only authorised vessels are permitted to enter.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238**960(T)/2020 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Scientific instrument recovered**

Former Notice - 383(T)/2020 is cancelled

Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 242**961(T)/2020 AUSTRALIA - QUEENSLAND - Gloucester Passage - Light buoy relit**

Former Notice - 709(T)/2020 is cancelled

Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 268

962(T)/2020 AUSTRALIA - QUEENSLAND - Rattlesnake Island - Live firing

Former Notice - 924(T)/2020 is cancelled

Maritime Safety Queensland Notice 386(T)/2020, 413(T)/2020

Live firing activities will be conducted within a 5M radius of position 19° 02'.27 S 146° 36'.43 E on 18 November 2020 and during the period 23 November to 27 November 2020.

Mariners are advised to navigate with caution and keep well clear of the area.

Chart temporarily affected - Aus 256 - Aus 827

963(T)/2020 PAPUA NEW GUINEA - Caution Bay - Light beacon damaged

National Maritime Safety Authority PNG Notice 39/2020

The light beacon, *Fl.Bu.2s 8M RL2* (9° 17'.98 S 146° 58'.19 E), is damaged and unlit.

Chart temporarily affected - PNG 647 - PNG 648

964(T)/2020 AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Scientific instruments recovered

Former Notice - 492(T)/2020 is cancelled

Precision Hydrographic Services

Cancel this notice on receipt.

Chart formerly affected - Aus 25 - Aus 29 - Aus 309 - Aus 316 - Aus 722

965(T)/2020 AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Scientific instruments

Precision Hydrographic Services

Special spar light buoys, *Fl.Y.1.5s*, exist in positions 12° 13'.9 S 130° 34'.2 E and 12° 13'.4 S 130° 33'.8 E.

Chart temporarily affected - Aus 309 - Aus 316 - Aus 722

966(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards

Monson Offshore

On or about 23 November 2020 vessel *Maersk Master* will be conducting subsea operations between the following positions:

19° 51'.56 S 114° 29'.56 E and 19° 51'.19 S 114° 30'.98 E

and

20° 34'.40 S 114° 45'.72 E and 20° 34'.60 S 114° 46'.71 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 328

967(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwards

Former Notice - 929(T)/2020 is cancelled

MODU Development Driller 1

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 4722 (INT 722) - Aus 4723 (INT 723)

968(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Reef to Ningaloo Reef - Scientific instruments

Department of Transport WA

Special light buoys, *Fl.Y.2.5s*, exist in positions 21° 50'.14 S 114° 16'.78 E and 21° 53'.73 S 113° 55'.59 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744 - Aus 745

969(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Joseph Bonaparte Gulf - Subsea operations
Santos

On or about 23 November 2020, vessel *Bhahwan K* will be conducting subsea operations in an area bounded by the following positions:

13° 19'.92 S 128° 00'.07 E
13° 19'.92 S 128° 10'.07 E
13° 09'.92 S 128° 10'.07 E
13° 09'.92 S 128° 00'.07 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 318 - Aus 4721 (INT 721)

970(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Mandurah - Harbour works
Department of Transport WA

Works associated with the construction of the Mandurah Estuary pool seawalls are in progress on the foreshore in the vicinity of position 32° 31'.98 S 115° 43'.09 E.

The works area is marked by a silt curtain and special light buoys.

Mariners are advised to keep well clear and to navigate with caution in the area.

Chart temporarily affected - Aus 116

971(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Mavis Reef - Scientific instruments eastwards
Former Notice - 930(T)/2020 is cancelled
MMA Offshore , Exodus Hydrographic Surveys

Scientific instruments, marked by spherical orange buoys, exist in the following positions:

15° 18'.43 S 123° 56'.37 E
15° 34'.72 S 123° 28'.53 E
15° 35'.35 S 123° 28'.80 E
15° 40'.73 S 123° 49'.22 E
15° 43'.65 S 123° 28'.87 E.

Mariners are advised to navigate with caution in the area. 1M clearance requested.

Chart temporarily affected - Aus 320 - Aus 323 - Aus 732

972(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments
Pilbara Ports Authority Notice 15(T)/2020

Scientific instruments exist in the following positions:

20° 18'.27 S 118° 31'.00 E
20° 17'.79 S 118° 35'.44 E
20° 17'.69 S 118° 34'.67 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 53 - Aus 54

973(T)/2020 AUSTRALIA - SOUTH AUSTRALIA - Coffin Bay Peninsula - Point Sir Isaac - Light relit
Former Notice - 883(T)/2020 is cancelled
Department for Infrastructure and Transport SA

Cancel this notice on receipt.

Chart formerly affected - Aus 342 - Aus 485 - Aus 4727 (INT 727)

974(T)/2020 AUSTRALIA - VICTORIA - Ninety Mile Beach - Drill rig southwards

Former Notice - 892(T)/2020 is cancelled
 MODU *Noble Tom Prosser*

Cancel this notice on receipt.

Chart formerly affected - Aus 357

975(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Light beacon relit

Former Notice - 894(T)/2020 is cancelled
 Parks Victoria Notice 299/2020

Cancel this notice on receipt.

Chart formerly affected - Aus 143

976(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Light beacon restored

Former Notice - 181(T)/2020 is cancelled
 Victorian Ports Corporation (Melbourne) Notice 306/2020

Cancel this notice on receipt.

Chart formerly affected - Aus 143 - Aus 158

977(T)/2020 AUSTRALIA - VICTORIA - Seal Islands - Scientific instruments northeastwards

Star of the South

Scientific instruments, 10m below the surface, exist in the following positions:

38° 32'.89 S 147° 14'.35 E
 38° 37'.81 S 147° 06'.29 E
 38° 38'.05 S 147° 01'.28 E
 38° 38'.13 S 147° 13'.39 E
 38° 41'.19 S 146° 56'.06 E
 38° 42'.53 S 147° 00'.32 E
 38° 44'.00 S 147° 05'.23 E
 38° 44'.40 S 146° 48'.76 E
 38° 44'.56 S 147° 08'.19 E
 38° 46'.03 S 146° 54'.52 E
 38° 47'.43 S 146° 59'.98 E
 38° 49'.31 S 146° 43'.92 E
 38° 50'.00 S 147° 02'.59 E
 38° 51'.18 S 146° 51'.14 E
 38° 53'.29 S 146° 45'.29 E
 38° 53'.28 S 146° 57'.16 E
 38° 54'.83 S 146° 33'.04 E
 38° 54'.86 S 146° 38'.98 E
 38° 55'.42 S 146° 51'.64 E
 38° 56'.08 S 146° 44'.87 E.

Chart temporarily affected - Aus 181 - Aus 357 - Aus 802

978(T)/2020 AUSTRALIA - TASMANIA - Bruny Island - Cape Connella - Light buoy recovered

Former Notice - 732(T)/2020 is cancelled
 Marine and Safety Tasmania Notice M199/2020

Cancel this notice on receipt.

Chart formerly affected - Aus 173 - Aus 795 - Aus 796

II

HYDROGRAPHIC REPORTS

NIL