

1 November 2019

Edition 22

AUSTRALIAN NOTICES TO MARINERS

Notices 1128 - 1182

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.

- I. Australian Notices to Mariners, including blocks and notes.
- II. Hydrographic Reports.
- III. Navigational Warnings.

SUPPLEMENTS.

- I. Tracings
- II. Cumulative List of Australian Notices to Mariners.
- III. Cumulative List of Temporary and Preliminary Australian Notices to Mariners.
- **IV.** Temporary and Preliminary Notices in force.
- V. Amendments to Admiralty List of Lights and Fog Signals (Vol K), Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).

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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 datacentre@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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1131	Amendment to Australian National Tide Tables 2019
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1128 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Office

New Charts Chart PNG 518	<i>Title and Geographical limits</i> Papua New Guinea - North East Coast - Goschen Strait to Ward Hunt Strait 9° 15'·50 S – 10° 08'·48 S 149° 42'·00 E – 151° 06'·46 E	<i>Scale</i> 1:150 000	Publication Date 1 November 2019	<i>Remarks</i> Adoption of Papua New Guinea chart numbering. Replaces Aus 518. General updating throughout; including latest bathymetric data.
New Electro <i>Cell Name</i> NIL	nic Navigation Chart (Aus ENC) <i>Title</i>		Publication Date	Remarks
New Edition <i>Chart</i> NIL	s and Withdrawn Charts <i>Title</i>	Scale	Publication Date	Remarks

Charts	withdrawn
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Chart	Remarks
Aus 518	On publication of new chart PNG 518

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.

1129 AUSTRALIA - Products - New Charts and New Editions to be published shortly Australian Hydrographic Office

New Char Chart NIL	ts to be published shortly <i>Title</i>	Scale	Expected Publication Date	Remarks
New Editi Chart NIL	ons to be published shortly <i>Title</i>	Scale	Expected Publication Date	Remarks
Charts to Chart Aus 280 Edition 5	be withdrawn without replacement 29 <i>Title</i> Australia - East Coast - Queensland - Queensland (Sheet 3) Plans: Magpie Reef to Eden Reef Flinders Group		2019 Scale 1:75 000 1:50 000	<i>Publication Date</i> 22 February 2019
Aus 281 Edition 3	Australia - East Coast - Queensland - Mile Opening to Cape Direction	First Three	1:75 000	22 February 2019
Aus 739 Edition 3	Australia - North West Coast - Wester Bedout Islet to Port Hedland	n Australia -	1:150 000	15 January 2010
Aus 740 Edition 3	Australia - North West Coast - Wester Port Hedland to Port Walcott Inset: Depuch Island Anchorage	n Australia -	1:150 000 1:20 000	15 January 2010
Aus 741 Edition 3	Australia - North West Coast - Wester Approaches to Dampier Archipelago	n Australia -	1:150 000	6 November 2015
Aus 751 Edition 2	Australia - West Coast - Western Aust Houtman Abrolhos and Geelvink Chan		1:150 000	29 June 2012
<i>Chart</i> Aus 66	thdrawn without replacement 12 Dece <i>Title</i> Australia - North West Coast - Western Barrow Island - Town Point Australia - North West Coast - Western Barrow Island - Wapet Landing	n Australia -	<i>Scale</i> 1:10 000 1:7 500	<i>Publication Date</i> 30 January 2015 2 November 2012

1130 AUSTRALIA - Product - Amendment to Mariner's Handbook for Australian Waters AHP20 Australian Hydrographic Office

Chapter 11 - Oil and Gas Terminals - 11.14 pages 248 and 249

Replace tables with accompanying blocks

 1131
 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2019

 Australian Hydrographic Office

ANTT 2019

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Amend	PENNEFATHER RIVER To Chart Datum to UNK
	CULLEN POINT To Chart Datum to UNK

Page 342

Amend	WILSON HEAD To Chart Datum to UNK
	NORNALUP INLET To Chart Datum to UNK
	WINDY HARBOUR To Chart Datum to UNK
	CAPE HAMELIN To Chart Datum to UNK
	COWARAMUP To Chart Datum to UNK

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Delete E	BUNDABERG To Chart Datum AUS 243 NE 06 JAN 2006 0.0
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Amend WEIPA To Chart Datum AUS 301 NE 18 OCT 2019 UNK

1132 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Darling Harbour - Peacock Point - Light beacon Port Authority of New South Wales

Aus 202 [10 Amend	035/2019] light beacon to <i>Oc.G.2s</i>	33° 51'.60 S	151° 11'.80 E
1133 UKHO	AUSTRALIA - NEW SOUTH WALES - Port Jackson - Anzac Bridge - Lig	ght	
Aus 200 [<i>1</i> 0 Amend	035/2019] light to 2 <i>F.R</i>	33° 52'.16 S	151° 11'.18 E
	AUSTRALIA - TASMAN SEA - Tasman Basin - Light buoys ce - 109(T)/2018 is cancelled ureau of Meteorology		
Aus 4601 (I Insert	INT 601) [466/2019] special conical light buoy, <i>FI.Y.2s</i> , without topmark out of position special conical light buoy, <i>FI.2s,</i> without topmark	44° 47'.4 S 46° 57'.4 S	161° 42'.0 E 160° 20'.6 E
Delete	out of position light buoy out of position light buoy	44° 53'.9 S 46° 49'.8 S	161° 50'.5 E 160° 15'.5 E

1135AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Long Reach - LightsMaritime Safety QueenslandNotice 457/2019		
Aus 242 (Burnett River (Northern Section)) [1082/2019] Insert rectangular daymark rectangular daymark	24° 47'.509 S 24° 47'.568 S	152° 23'.068 E 152° 23'.080 E
Amend light to Q.Bu (Q Day) light to Iso.Bu.2s (Iso.2s Day)	24° 47'.51 S 24° 47'.57 S	152° 23'.07 E 152° 23'.08 E
1136AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Mooring pilesFormer Notice - 1054(T)/2019 is cancelledMaritime Safety Queensland Notice 461/2019		
Aus 264 [760/2019] Insert lit mooring pile, Q.Y lit mooring pile, Q.Y lit mooring pile, Q.Y lit mooring pile, Q.Y	16° 57'.571 S 16° 57'.645 S 16° 57'.706 S 16° 57'.765 S	
Delete depth, 7 ₅ m	16° 57'.65 S	145° 47'.82 E
AUSTRALIA - QUEENSLAND - Great Sandy Strait - Bookar Island - V Australian Hydrographic Office	Vreck	
Aus 240 [1039/2019] Insert # with legend, <i>Wk</i>	25° 29'.83 S	152° 58'.94 E
Aus 241 [<i>817/2019</i>] Insert # with legend, <i>Wk</i>	25° 29'.83 S	152° 58'.94 E
1138AUSTRALIA - QUEENSLAND - Mourilyan Harbour - Maintained deptMaritime Safety QueenslandNotice 447(T)/2019	hs	
Aus 258 (Mourilyan Harbour) [864/2019]Amendlegend to Maintained depth 7⋅6mlegend to Maintained depth 8⋅6m	17° 36'.06 S 17° 36'.10 S	146° 07'.35 E 146° 07'.47 E
1139 AUSTRALIA - QUEENSLAND - Slade Island - Light buoy; AIS southeastwards Maritime Safety Queensland Notice 446/2019		
Aus 249 [766/2019] Replace light buoy with east cardinal cylindrical light buoy, VQ(3)5s, without topmark and magenta circle with legend, AIS	21° 06'.1 S	149° 15'.5 E
Aus 250 (Mackay Harbour) [765/2019]Replacelight buoy with east cardinal cylindrical light buoy, VQ(3)5s, without topmark and magenta circle with legend, AIS	21° 06'.15 S	149° 15'.51 E
1140AUSTRALIA - QUEENSLAND - Weipa - Hey River - Mooring buoysMaritime Safety QueenslandNotice 453/2019		
Aus 4 [1083/2019] Insert lit orange cylindrical mooring buoy, Q lit orange cylindrical mooring buoy, Q lit orange cylindrical mooring buoy, Q	12° 46'.58 S 12° 46'.76 S 12° 46'.93 S	141° 54'.31 E 141° 54'.38 E 141° 54'.45 E
Delete depth, 12 ₆ m	12° 46'.5 S	141° 54'.3 E

1141	PAPUA NEW GUINEA - Goschen Strait to Ward Hunt Strait - Chart nam	le	
Australian	Hydrographic Office		
Aus 513 [⁻ Amend	1087/2019] legend to <i>Adjoining Chart PNG 518</i> in W border	9° 47'.5 S	151° 00'.5 E
Aus 517 [[·] Amend	1087/2019] legend to Adjoining Chart PNG 518 in W border	9° 27'.5 S	150° 00'.4 E
Aus 519 [4 Amend	473/2019] legend to <i>Adjoining Chart PNG 518</i> in S border	9° 39'.0 S	150° 05'.0 E
Aus 4620 Amend	(INT 620) [1000/2019] legend to <i>PNG 518</i>	10° 07'.0 S	149° 48'.0 E
Aus 4621 Amend	(INT 621) [1087/2019] legend to <i>PNG 518</i>	9° 17'.0 S	151° 02'.0 E
PNG 508 [Amend	1000/2019] legend to Adjoining Chart PNG 518 in N border	10° 04'.2 S	150° 42'.5 E
1142 HMAS Ben	PAPUA NEW GUINEA - Lombrum Bay - Wreck Palla and HMAS Shepparton		
Aus 662 [6 Insert	647/2019] depth, 8 ₅ m, enclosed by danger circle with legend, <i>Wk</i>	2° 02'.534 S	147° 22'.497 E
Aus 662 (I Insert	L ombrum Bay) [<i>647/2019</i>] depth, <i>8₅m</i> , enclosed by danger circle with legend, <i>Wk</i>	2° 02'.534 S	147° 22'.497 E
1143 AUSTRALIA - NORTHERN TERRITORY - Clarence Strait - Howard Channel - Depth HMAS Leeuwin			
Aus 20 [1	57/2019]		
Insert	depth, $19_{g}m$, enclosed by contour	12° 05'.15 S	131° 09'.59 E
	depth, $19_4 m$, enclosed by contour	12° 05'.62 S	131° 08'.14 E
Aus 722 []	775/2019]		
Insert	contour, between contour, between	12° 05'.64 S 12° 05'.62 S 12° 05'.42 S 12° 05'.01 S 12° 05'.15 S 12° 05'.14 S	131° 07'.90 E 131° 08'.18 E 131° 08'.04 E 131° 09'.65 E 131° 09'.55 E 131° 09'.77 E
Delete	contour, between	12° 05'.6 S 12° 05'.4 S	131° 07'.9 E 131° 08'.0 E
	contour, between	12° 05'.0 S 12° 05'.1 S	131° 09'.7 E 131° 09'.8 E
1144 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Light beacons Chevron Australia Notice 3/2019			
Aus 65 [8]	75/2019]		
Delete	light beacon light beacon	20° 49'.8 S 20° 50'.2 S	115° 32'.8 E 115° 32'.9 E

	light beacon	20° 50'.2 S	115° 32'.9 E
Aus 66 [87: Delete	5/2019] light beacon light beacon	20° 49'.76 S 20° 50'.23 S	115° 32'.84 E 115° 32'.90 E

1145 AUSTRALIA - WESTERN AUSTRALIA - Broome - Depths; navaids; rock <i>Former Notices</i> - 615(T)/2019, 729(T)/2019, 912(T)/2019 are cancelled Kimberley Pilotage Group , BMT		
Note: Block correction for Aus50 in next Notice to Mariners Edition		
Aus 50 [699/2019] Delete rock and legend, Channel Rock (1 ₂)	18° 00'.6 S	122° 12'.9 E
Aus 51 [699/2019] Insert accompanying block	18° 00'.70 S	122° 12'.82 E
1146 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - FPSO northw <i>Former Notice</i> - 576(T)/2017 is cancelled Shell Australia	estwards	
Aus 319 [1044/2019] Insert lit FPSO, Prelude Mo(U)11s 15M, and magenta circle, with legend Racon (Y)	13° 47'.18 S	123° 19'.05 E
Aus 320 [1044/2019] Insert lit FPSO, Prelude Mo(U)11s 15M, and magenta circle, with legend Racon (Y)	13° 47'.18 S	123° 19'.05 E
1147 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Mooring buoys Department of Transport WA Notice 121/2019		
Aus 64 [1088/2019] Insert yellow conical mooring buoy yellow conical mooring buoy yellow conical mooring buoy	21° 37'.15 S 21° 37'.19 S 21° 37'.34 S	115° 07'.10 E 115° 06'.95 E 115° 06'.96 E
Aus 69 (Onslow) [1131/2018] Insert yellow conical mooring buoy yellow conical mooring buoy yellow conical mooring buoy	21° 37'.148 S 21° 37'.193 S 21° 37'.339 S	115° 07'.100 E 115° 06'.945 E 115° 06'.959 E
1148 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Tower removed Australian Maritime Safety Authority	d	
Aus 53 [879/2019] Delete tower with legend, SHIPPING CONTROL TR (31)	20° 18'.9 S	118° 34'.6 E
Aus 54 [826/2019] Delete tower with legend, SHIPPING CONTROL TOWER (31)	20° 18'.91 S	118° 34'.58 E
1149AUSTRALIA - VICTORIA - Port Phillip - Coles Channel - Light beaconsParks VictoriaNotice 259/2019	S	
Aus 157 [884/2019] Replace beacon with starboard lateral light beacon, <i>Fl.G.5s No5</i> , with topmark	38° 11'.96 S	144° 43'.18 E
Aus 158 [944/2019]Replacebeacon with starboard lateral light beacon, FI.G.5s No5, with topmark beacon with starboard lateral light beacon, FI.G.5s No3, with topmark	38° 11'.96 S 38° 12'.94 S	144° 43'.18 E 144° 42'.81 E

Auc	172	[1127/2010]
Aus	172	[1137/2018]

Insert	continuous line, between	42° 52'.627 S 42° 52'.626 S	147° 20'.459 E 147° 20'.467 E
Move	light	42° 52'.607 S	147° 20'.465 E
	to	42° 52'.603 S	147° 20'.449 E
Delete	continuous line, between	42° 52'.63 S 42° 52'.62 S 42° 52'.62 S 42° 52'.63 S	147° 20'.46 E 147° 20'.46 E 147° 20'.47 E 147° 20'.47 E
Aus 172 (Sullivans Cove) [1137/2018]	42° 52'.627 S	147° 20'.459 E
Insert	continuous line, between	42° 52'.626 S	147° 20'.467 E
Move	light	42° 52'.607 S	147° 20'.465 E
	to	42° 52'.603 S	147° 20'.449 E
Delete	continuous line, between	42° 52'.63 S 42° 52'.62 S 42° 52'.62 S 42° 52'.63 S	147° 20'.46 E 147° 20'.46 E 147° 20'.47 E 147° 20'.47 E

1151(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Harbour works completed *Former Notice* - 595(T)/2019 is cancelled Maritime Safety Queensland Notice 264(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 238

1152(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works completed Former Notice - 69(T)/2019 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236 - Aus 238

1153(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Pontoons; light buoys recovered Former Notice - 955(T)/2019 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 238

1154(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Inner Bar Reach - Harbour works completed Former Notice - 954(T)/2019 is cancelled

Maritime Safety Queensland 402(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 237

1155(T)/2019 AUSTRALIA - QUEENSLAND - Cairns - Shoaling charted *Former Notice* - 253(P)/2017 is cancelled Ports North

Cancel this notice on receipt.

Chart formerly affected - Aus 262 - Aus 263

1156(P)/2019 AUSTRALIA - QUEENSLAND - Cairns - Dredged channel Ports North , Maritime Safety Queensland Notice 467(T)/2019

The entrance channel and Trinity Inlet have been widened and dredged to a depth of 9.0m.

The eastern portion of the swing basin in position 16° 55'.54 S 145° 46'.94 E has been dredged to 8.5m.

The Trinity Inlet channel has been dredged further southwards to a depth of $9 \cdot 0m$ to a new swing basin in position 16° 56'.45 S 145° 46'.91 E, with a depth of $8 \cdot 3m$.

Berths 1 to 6 (16° 55'.65 S 145° 46'.82 E) have been dredged to a depth of 9.3m.

Charts will be updated in due course.

Chart which will be affected - Aus 262 - Aus 263 - Aus 264

1157(T)/2019 AUSTRALIA - QUEENSLAND - Narrowneck Reef - Scientific instrument recovered *Former Notice* - 342(T)/2019 is cancelled Maritime Safety Queensland Notice 142(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 230

1158(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Drill rig

MODU Noble Tom Prosser

Drill rig Noble Tom Prosser is moored in position 12° 11'.38 S 130° 35'.52 E.

Chart temporarily affected - Aus 309 - Aus 722 - Aus 4721 (INT 721)

1159(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Darwin - Mooring buoy unlit S Milsom , Department of Infrastructure, Planning and Logistics NT

Lit mooring buoy, Fl.Y.5s (12° 27'.98 S 130° 49'.91 E), is unlit.

Chart temporarily affected - Aus 24

1160(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Gas field decommissioned westwards *Former Notice* - 131(T)/2019 is cancelled Quadrant Energy

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

1161(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Town Point - Survey operations completed *Former Notice -* 463(T)/2018 is cancelled Chevron Australia Pty Ltd Notice 2/2018

Cancel this notice on receipt.

Chart formerly affected - Aus 65 - Aus 66

1162(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations Former Notice - 219(T)/2018 is cancelled McDermott Australia

On or about 12 November 2019, Vessel *LV108* and support vessels will be conducting subsea operations in an area bounded by the following positions: 14° 00'.0 S 123° 05'.0 E 14° 00'.0 S 123° 20'.0 E 13° 44'.0 S 123° 20'.0 E 13° 44'.0 S 123° 05'.0 E.

Mariners are advised to navigate with caution in the area. 2.5M clearance requested.

Chart temporarily affected - Aus 319 - Aus 320 - Aus 322 - Aus 4721 (INT 721) - Aus 4722 (INT 722)

1163(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Subsea operations McDermott Australia

On or about 11 November 2019, Vessel *Offshore Solution* will be conducting subsea operations in an area bounded by the following positions:

14° 01'.23 S 123° 04'.31 E 14° 01'.23 S 123° 10'.08 E 13° 59'.92 S 123° 10'.08 E 13° 59'.92 S 123° 20'.08 E 13° 49'.92 S 123° 20'.08 E 13° 49'.92 S 123° 20'.08 E 13° 49'.92 S 123° 15'.08 E 13° 48'.46 S 123° 15'.07 E 13° 48'.46 S 123° 11'.64 E 14° 00'.27 S 123° 04'.31 E.

Mariners are advised to navigate with caution in the area. 2.5M clearance requested.

Chart temporarily affected - Aus 319 - Aus 320 - Aus 322 - Aus 4721 (INT 721) - Aus 4722 (INT 722)

1164(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Subsea operations northwestwards Woodside Energy Ltd

On or about 5 November 2019, Vessel Sapura Constructor will be conducting subsea operations in positions 19° 34'.68 S 116° 27'.00 E and 19° 35'.52 S 116° 26'.08 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 741 - Aus 4722 (INT 722) - Aus 4723 (INT 723)

1165(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Beacon Head - Obstruction; light buoy Fremantle Ports Notice 6(T)/2019, Department of Transport WA

An obstruction marked by a spherical isolated danger light buoy, FI(2)10s, exists in position 32° 09'.16 S 115° 40'.65 E.

Chart temporarily affected - Aus 117

1166(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Survey operations northwestwards completed *Former Notice* - 975(T)/2019 is cancelled Australian Maritime Safety Authority

Cancel this notice on receipt.

Chart formerly affected - Aus 327

1167(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drilling operations northwestwards completed

Former Notice - 1023(T)/2019 is cancelled Woodside Energy Ltd

Cancel this notice on receipt.

Chart formerly affected - Aus 328

1168(P)/2019 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Dredged channel; navaids

Former Notice - 569(T)/2019 is cancelled Department of Planning, Transport and Infrastructure SA Notice 3/2019, 8/2019, 37/2019

The Entrance Channel (34° 47'.19 S 138° 24'.51 E) has been widened to 170m and the Swinging Basin (34° 46'.02 S 138° 29'.19 E) has been expanded to a diameter of 550m.

Navaids marking the southern edge of the Entrance Channel, including leading light beacons in positions 34° 46'.71 S 138° 21'.59 E and 34° 46'.74 S 138° 21'.81 E, and north of the eastern Outer Harbor Swinging Basin dredged limit have been removed.

Navaids that have been removed may be replaced with Virtual Aids to Navigation or temporary buoys.

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 130 - Aus 137 - Aus 138 - Aus 781

1169(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Pinnace Channel - Light buoy restored *Former Notice* - 852(T)/2019 is cancelled Parks Victoria

Cancel this notice on receipt.

Chart formerly affected - Aus 143 - Aus 158

1170(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Sandringham - Light beacon unlit *Former Notice* - 1126(T)/2019 is cancelled Parks Victoria Notice 121(T)/2019, 256(T)/2019

The starboard lateral light beacon, Fl(2)G.5s 5m 4M (37° 56'.48 S 144° 59'.56 E), is unlit.

Chart temporarily affected - Aus 143 - Aus 155

1171(T)/2019 AUSTRALIA - TASMANIA - Bruny Island - Variety Point - Light buoys Marine and Safety Tasmania Notice M147/2019

Special light buoys, Fl.Y.4s, exist in positions 43° 12'.08 S 147° 27'.01 E and 43° 12'.19 S 147° 27'.42 E.

Chart temporarily affected - Aus 173

1172(T)/2019 AUSTRALIA - TASMANIA - Bruny Island - Adventure Bay - Scientific instruments recovered southeastwards

Former Notice - 1009(T)/2016 is cancelled Marine and Safety Tasmania Notice M139/2016

Cancel this notice on receipt.

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

1173(T)/2019 AUSTRALIA - TASMANIA - Bruny Island - Storm Bay - Light buoy recovered *Former Notice* - 1051(T)/2018 is cancelled Marine and Safety Tasmania Notice 195/2018

Cancel this notice on receipt.

Chart formerly affected - Aus 171 - Aus 173 - Aus 795 - Aus 796

1174(T)/2019 AUSTRALIA - TASMANIA - Eddystone Point - Scientific instruments recovered southeastwards *Former Notice* - 1010(T)/2016 is cancelled Marine and Safety Tasmania Notice M139/2016

Cancel this notice on receipt.

Chart formerly affected - Aus 767 - Aus 798

1175(T)/2019 AUSTRALIA - TASMANIA - Flying Cloud Point - Scientific instruments recovered westwards Former Notice - 1011(T)/2016 is cancelled Marine and Safety Tasmania Notice M139/2016

Cancel this notice on receipt.

Chart formerly affected - Aus 793

1176(T)/2019 AUSTRALIA - TASMANIA - Launceston - North Esk River - Harbour works completed *Former Notice* - 1002(T)/2017 is cancelled Marine and Safety Tasmania Notice 143/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 168

1177(T)/2019 AUSTRALIA - TASMANIA - Lookout Head - Scientific instrument recovered *Former Notice* - 799(T)/2018 is cancelled Marine and Safety Tasmania Notice M52/2018

Cancel this notice on receipt.

Chart formerly affected - Aus 798 - Aus 800

1178(T)/2019 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instruments recovered *Former Notice* - 440(T)/2017 is cancelled Marine and Safety Tasmania Notice M70/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 177 - Aus 792

1179(T)/2019 AUSTRALIA - TASMANIA - Prince of Wales Bay - Moored vessel moved *Former Notice* - 636(T)/2019 is cancelled Marine and Safety Tasmania Notice M113/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 172

1180(T)/2019 AUSTRALIA - TASMANIA - River Tamar - Moriarty Reach - Scientific instruments recovered *Former Notice* - 1225(T)/2016 is cancelled Marine and Safety Tasmania Notice M194/2016

Cancel this notice on receipt.

Chart formerly affected - Aus 168

1181(T)/2019 AUSTRALIA - TASMANIA - Spring Bay - Paddys Point - Marine farm removed *Former Notice* - 134(T)/2018 is cancelled Marine and Safety Tasmania Notice M14/2018

Cancel this notice on receipt.

Chart formerly affected - Aus 175

1182(T)/2019 AUSTRALIA - TASMANIA - Storm Bay - Scientific instrument recovered *Former Notice* - 597(T)/2018 is cancelled Marine and Safety Tasmania Notice 116/2018

Cancel this notice on receipt.

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

HYDROGRAPHIC REPORTS

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NIL

NAVIGATION WARNINGS

The Australian Hydrographic Office will no longer compile Section III of the Australian Notices to Mariners. For the most up to date navigation warnings please refer to:

AMSA Navigation Warnings http://amsa.gov.au/search-and-rescue/distress-and-safety-comms/msi/msi-email/index.asp

New Zealand Notices to Mariners (Navarea XIV warnings) http://www.linz.govt.nz/sea/maritime-safety/notices-mariners

Exeter and Mutineer		
WA (19° 16' 33S, 116° 36' 46E)		
UN/LOCODE: AU MOD		
Paper chart:	Aus 741	
AusENC cells:	AU320116, AU220110	
Security Regulated Offshore Facility:	Yes	
Operator:	Santos	
Website:	www.santos.com	
Telephone:	+61 8 918 7100	
Pilots:	West Coast Pilots	
Telephone:	+61 8 9336 1179	
Email:	manager@westcoastpilots.com.au	
Pilotage:	Compulsory	
Pilot Boarding Ground:	2.5nm radius centred around the FPSO	
Communication		
Call up, emergencies:	VHF Channel 16 & 72 (listening)	
Operator / Pilots:	VHF Channel 72 (working)	
Notice of ETA:	5 days then 72, 48, 12 hours before arrival	

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Pyrenees Venture		
WA (21° 32' 30S, 114° 07' 00E)		
UN/LOCODE: AU PYE		
Paper charts:	Aus 328, 744	
AusENC cells:	AU422114, AU322113, AU230110	
Security Regulated Offshore Facility:	Yes	
Operator:	BHP Billiton	
Website:	www.bhpbilliton.com	
Email:	PETPYROIM2@bhpbilliton.com	
Telephone:	+61 8 9485 6600	
Pilotage:	Compulsory	
Pilot Boarding Ground:	21°37.8'S, 114°15.00'E	
Communication		
Call up, emergencies:	VHF Channel 16, 72	
Operator / Pilots:	VHF Channel 72 (primary working channel)	
Notice of ETA:	96, 72, 48, 24 and 12 Hours before intended arrival	
More Information:	Pyrenees Terminal Handbook (contact BHP Billiton)	

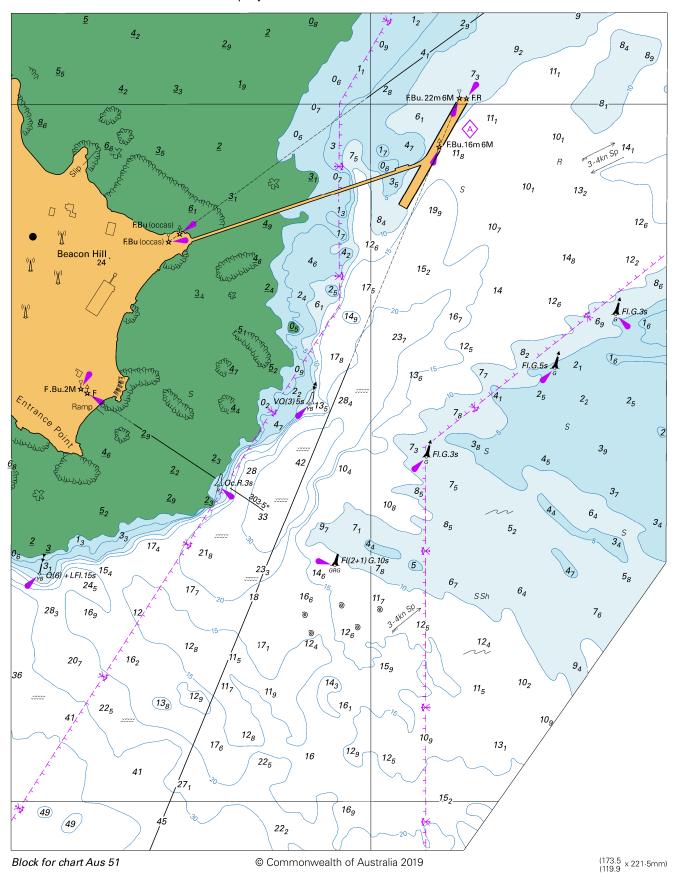
Van Gogh (Ningaloo Vision) WA (21° 24' 12S, 114° 5' 18E)		
UN/LOCODE: AU VGH		
Paper charts:	Aus 328, 744	
AusENC cells:	AU422114, AU322113, AU230110	
Security Regulated Offshore Facility:	Yes	
Operator:	Santos	
Website:	www.santos.com	
Telephone:	+61 8 6218 7138	
Email:	offshore.vangogh.coordinator@santos.com	
Pilots:	Supplied by Santos (above)	
FPSO Marine & Safety Supervisor email:	Offshore.ningaloovision.marinesup@santos.com	
Pilotage:	Compulsory	
Pilot Boarding Ground:	21º 38'S 114º15'E unless otherwise advised if operational conditions require	
Communication		
Call up, emergencies:	VHF Channel 16	
Operator / Pilots:	VHF Channel 67	
Notice of ETA:	Refer 72, 48, 24 and 12 hours prior to arrival. Email Van Gogh Coordinator	
More information:	Terminal Handbook	

WA (20° 16' 18S, 116° 16' 34E) UN/LOCODE: AU STG Paper chart: Aus 742 AusENC cells: AU421116, AU230110 Security Regulated Offshore Facility: Yes Operator: Jadestone Energy Pty Ltd Website: www.jadestone-energy.com.au Telephone: + 61 8 9486 6600 Control: Jadestone Energy + 61 8 9486 6611 Telephone: Email: Stag-OIM@jadestone-energy.com.au Pilotage: Compulsory Pilot Boarding Ground: 20° 15.00'S, 116° 15.00'E Communication Call up, emergencies: VHF Channel 16 Operator / Pilots: VHF Channel 10 Notice of ETA: 24, 48, 72, 96 hours

Varanus Island, WA (20° 39' 01S, 115° 34' 55E)		
UN/LOCODE: AU VAR		
Paper chart:	Aus 62	
AusENC cells:	AU421115, AU230110	
Security Regulated Port:	Yes	
Operator:	Santos	
Website:	www.santos.com	
Email:	Offshore.varanus.fieldsup@santos.com	
Telephone:	+61 8 6218 7600	
Fax:	+61 8 6218 7618	
Pilotage:	Compulsory	
Pilot Boarding Ground:	20° 40.00'S, 115° 40.00'E	
Communication		
Call up, emergencies:	VHF Channel 16	
Operator / Pilots:	VHF Channel 74	
Notice of ETA:	96 hours	

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Stag (Dampier Spirit)



To accompany Australian Notice to Mariners 1145/2019