

23 August 2019

Edition 17

AUSTRALIAN NOTICES TO MARINERS

Notices 860 - 924

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.

NUMERICAL INDEX OF NOTICES TO MARINERS

Edition No 17

Notices	Aus Chart, INT Chart, ENC Cell, AHP, BA Pubs
860	Aus 68, 222, 677, 679, 684, PNG 677, 679, 684
861	Aus 192, 243, 280, 281, 680, 683, 701, 739, 740, 741, 751, 756, 757, 758, 759
862	Aus 809
863	Aus 256, 257, 827
864	Aus 258, 829
865	Aus 270, 833
866 867	Aus 265 Aus 701
868	Aus 397, 399
869	Aus 545, 554, 680
870	Aus 670
871	PNG 674
872	Aus 293, 299
873	Aus 24, 27, 28
874	Aus 309, 310, 311, 313, 315, 316, 320, 322, 325, 328, 4721, 4722, 4723, 4725, INT 721, 722, 723, 725
875	Aus 65, 66
876	Aus 119, 762
877 878	Aus 113 Aus 328, 329
879	Aus 520, 529 Aus 53
880	Aus 742, 743
881	Aus 745
882	Aus 126, 780
883	Aus 349
884	Aus 157
885	Aus 140
886	Aus 802
887	Aus 176
888 880(T)	Aus 168
889(T) 890(T)	Aus 222 Aus 238
891(T)	Aus 237, 238
892(T)	Aus 262
893(T)	Aus 240
894(T)	Aus 240, 815, 817
895(T)	Aus 235, 236
896(T)	Aus 367, 490, 820
897(T)	Aus 256, 827
898(T)	Aus 248, 367, 490, 820
899(T) 900(T)	Aus 256 Aus 256, 257
901(T)	Aus 387, 388, 4622, INT 622
902(T)	Aus 545, 554, 679, 680
903(P)	Aus 545, 554, 680, PNG 679
904(T)	Aus 397, 399, 4604, 4622, INT 604, 622, PNG 684
905(T)	Aus 397, 399, 684, 4604, 4622, INT 604, 622
906(T)	Aus 674, 677
907(T)	Aus 545, 546, 554, 680, 4604, 4622, INT 604, 622
908(T)	Aus 23, 309, 316, 722
909(T) 910(T)	Aus 23, 722 Aus 328, 4723, 4725, INT 723, 725
911(T)	Aus 328, 4723, INT 723
912(T)	Aus 50, 51
913(T)	Aus 48, 319, 320, 322, 323, 325, 326, 327, 741, 4721, 4722, 4723, INT 721, 722, 723
914(T)	Aus 117
915(T)	Aus 754
916(T)	Aus 4725, INT 725
917(P)	Aus 32
918(T)	Aus 126, 347, 780
919(T) 920(T)	Aus 127 Aus 122
920(T) 921(T)	Aus 122 Aus 349, 787, 4728, INT 728
922(T)	Aus 158
923(T)	Aus 143
924(T)	Aus 143

4

NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 17

Aus Chart	Notices	Aus Chart	Notices
Aus 23	908(T), 909(T)	Aus 326	913(T)
Aus 24	873	Aus 327	913(T)
Aus 27	873	Aus 328	874, 878, 910(T), 911(T)
Aus 28	873	Aus 329	878
Aus 32	917(P)	Aus 347	918(T)
Aus 48	913(T)	Aus 349	883, 921(T)
Aus 50	912(T)	Aus 367	896(T), 898(T)
Aus 51	912(T)	Aus 387	901(T)
Aus 53	879	Aus 388	901(T)
Aus 65	875	Aus 397	868, 904(T), 905(T)
Aus 66	875	Aus 399	868, 904(T), 905(T)
Aus 68	860	Aus 490	896(T), 898(T)
Aus 113	877	Aus 545	869, 902(T), 903(P), 907(T)
Aus 117	914(T)	Aus 546	907(T)
Aus 119	876	Aus 554	869, 902(T), 903(P), 907(T)
Aus 122	920(T)	Aus 670	870
Aus 126	882, 918(T)	Aus 674	906(T)
Aus 127	919(T)	Aus 677	860, 906(T)
Aus 140	885	Aus 679	860, 902(T)
Aus 143	923(T), 924(T)	Aus 680	861, 869, 902(T), 903(P), 907(T)
Aus 157	884	Aus 683	861
Aus 158	922(T)	Aus 684	860, 905(T)
Aus 168	888	Aus 701	861, 867
Aus 176	887	Aus 722	908(T), 909(T)
Aus 192	861	Aus 739	861
Aus 222	860, 889(T)	Aus 740	861
Aus 235	895(T)	Aus 741	861, 913(T)
Aus 236	895(T)	Aus 742	880
Aus 237	891(T)	Aus 743	880
Aus 238	890(T), 891(T)	Aus 745	881
Aus 240	893(T), 894(T)	Aus 751	861
Aus 243	861	Aus 754	915(T)
Aus 248	898(T)	Aus 756	861
Aus 256	863, 897(T), 899(T), 900(T)	Aus 757	861
Aus 257	863, 900(T)	Aus 758	861
Aus 258	864	Aus 759	861
Aus 262	892(T)	Aus 762	876
Aus 265	866	Aus 780	882, 918(T)
Aus 270	865	Aus 787	921(T)
Aus 280	861	Aus 802	886
Aus 281	861	Aus 809	862
Aus 293	872	Aus 815	894(T)
Aus 299	872	Aus 817	894(T)
Aus 309	874, 908(T)	Aus 820	896(T), 898(T)
Aus 310	874	Aus 827	863, 897(T)
Aus 311	874	Aus 829	864
Aus 313	874	Aus 833	865
Aus 315	874	Aus 4604	904(T), 905(T), 907(T)
Aus 316	874, 908(T)	Aus 4622	901(T), 904(T), 905(T), 907(T)
Aus 319	913(T)	Aus 4721	874, 913(T)
Aus 320	874, 913(T)	Aus 4722	874, 913(T)
Aus 322	874, 913(T)	Aus 4723	874, 910(T), 911(T), 913(T)
Aus 323	913(T)	Aus 4725	874, 910(T), 916(T)
Aus 325 Aus 325		Aus 4725 Aus 4728	921(T)
AUS 323	874, 913(T)	AUS 4728	92 I(I)

Aus Chart	Notices
PNG 674	871
PNG 677	860
PNG 679	860, 903(P)
PNG 684	860, 904(T)

INT Chart	Notices
INT 604	904(T), 905(T), 907(T)
INT 622	901(T), 904(T), 905(T), 907(T)
INT 721	874, 913(T)
INT 722	874, 913(T)
INT 723	874, 910(T), 911(T), 913(T)
INT 725	874, 910(T), 916(T)
INT 728	921(T)

860 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts Australian Hydrographic Office

New Charts				
<i>Chart</i> PNG 677	<i>Title and Geographical limits</i> Papua New Guinea - New Britain - North Coast - Plans in New Britain (Sheet 1) Plans:	Scale	Publication Date 23 August 2019	<i>Remarks</i> Adoption of Papua New Guinea chart numbering. Replaces Aus 677. General updating throughout;
	Kimbe 5° 31'·95 S – 5° 33'·30 S 150° 08'·20 E – 150° 09'·97 E	1:5 000		including new coastline, navaids and wrecks.
		1:12 500		Produced with blue contours.
PNG 679	Papua New Guinea - New Britain - Duke of York Group 4° 04'·80 S – 4° 16'·32 S 152° 21'·00 E – 152° 34'·24 E	1:37 500	23 August 2019	Adoption of Papua New Guinea chart numbering. Replaces Aus 679. General updating throughout;
	Plan: Mioko Harbour 4° 11'·33 S – 4° 14'·40 S 152° 26'·00 E – 152° 30'·42 E	1:12 500		including latest bathymetric data.
PNG 684	South Pacific Ocean - Plans on West Coast - Bougainville Island Plans:		23 August 2019	Adoption of Papua New Guinea chart numbering. Replaces Aus 684. General
	Plans: Approaches to Queen Carola Harbour $5^{\circ} 05' \cdot 58 \text{ S} - 5^{\circ} 30' \cdot 00 \text{ S}$ $154^{\circ} 19' \cdot 48 \text{ E} - 154^{\circ} 37' \cdot 00 \text{ E}$ Empress Augusta Bay $6^{\circ} 11' \cdot 99 \text{ S} - 6^{\circ} 32' \cdot 25 \text{ S}$ $154^{\circ} 47' \cdot 59 \text{ E} - 155^{\circ} 14' \cdot 0 \text{ E}$ Approaches to Torokina $6^{\circ} 13' \cdot 75 \text{ S} - 6^{\circ} 17' \cdot 43 \text{ S}$ $154^{\circ} 58' \cdot 03 \text{ E} - 155^{\circ} 02' \cdot 50 \text{ E}$ Buka Passage $5^{\circ} 21' \cdot 97 \text{ S} - 5^{\circ} 32' \cdot 10 \text{ S}$ $154^{\circ} 35' \cdot 00 \text{ E} - 154^{\circ} 43' \cdot 50 \text{ E}$	1:150 000		updating throughout; including latest bathymetric data.
		1:75 000		uala.
		1:37 500		
		1:37 500		
New Electro	nic Navigation Chart (Aus ENC)		Dublication Data	Romotico
NIL	me		Publication Date	Remarks
New Edition Chart	s and Withdrawn Charts <i>Title</i>	Scale	Publication Date	Remarks
Aus 222 (Edition 4)	Australia - East Coast - New South Wales - Clarence River and Approaches	1:15 000	23 August 2019	New edition with general updating throughout; including latest bathymetric
	Plan: Goodwood Island Wharf	1:6 000		data and updates to navaids. Chart Aus 222 Edition 3 dated 11 August 2017 is now superseded and must be withdrawn from use.
Charts with	drawn			
<i>Chart</i> Aus 677	<i>Remarks</i> On publication of new chart PN0	G 677		
		_ 1 .		

Remarks
On publication of new chart PNG 677
On publication of new chart PNG 679
On publication of new chart PNG 684

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

Charts withdrawn without replacement

<i>Chart</i> Aus 68 Edition 1	<i>Title</i> Australia - North West Coast - Western Australia - Approaches to Cape Preston	<i>Scale</i> 1:50 000	Publication Date 8 March 2013
	Inset: Cape Preston	1:10 000	

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.

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

New Char	ts to be published shortly			
Chart	Title	Scale	Expected Publication Date	Remarks
PNG 680	Papua New Guinea - New Britain - Approaches to Blanche Bay Plan:	1:75 000	6 September 2019	Adoption of Papua New Guinea chart numbering. Replaces Aus 680. General
	Simpson and Matupit Harbours	1:12 500		updating throughout.
PNG 683	South Pacific Ocean - Plans on East Coast - Bougainville Island Plans: Approaches to Kieta Harbour and Anewa Bay Numa Numa Harbour Teop Harbour Kieta Harbour Anewa Bay	1:50 000 1:37 500 1:25 000 1:15 000 1:10 000	6 September 2019	Adoption of Papua New Guinea chart numbering. Replaces Aus 683. General updating throughout.
New Editi	ons to be published shortly			
Chart	Title	Scale	Expected Publication Date	Remarks
Aus 192	Australia - East Coast - New South Wales - Twofold Bay Plan:	1:25 000	6 September 2019	New edition with general updating throughout; including infrastructure and
	Eden East Boyd Bay Wharves	1:7 500 1:7 500		latest bathymetric data.
Charts to	be withdrawn			
<i>Chart</i> Aus 680	Remarks On publication of new chart Pt	NG 680		
Aus 683	On publication of new chart Pl			
	be withdrawn without replacement 4 C	October 2019	0	Dublication Data
Chart Aus 243 Edition 2	<i>Title</i> Australia - East Coast - Queensland - <i>I</i> Bundaberg	Approaches to	<i>Scale</i> 1:50 000	<i>Publication Date</i> 6 January 2006
Aus 701 Edition 2	Australia - North Coast - Queensland - to Duyfken Point	Vrilya Point	1:150 000	13 February 2009
Aus 756 Edition 3	Australia - South West Coast - Wester Cape Naturaliste to Cape Leeuwin	n Australia -	1:150 000	16 January 2009
Aus 757 Edition 3	Australia - South Coast - Western Aust Leeuwin to Point D'Entrecasteaux	tralia - Cape	1:150 000	16 January 2009
Aus 758 Edition 3	Australia - South Coast - Western Aust D'Entrecasteaux to Point Hillier	tralia - Point	1:150 000	16 January 2009
Aus 759 Edition 2	Australia - South Coast - Western Aust Hillier to Bald Island	tralia - Point	1:150 000	16 January 2009

861 AUSTRALIA - Products - New Charts and New Editions to be published shortly

Charts to I Chart	be withdrawn without replacement 18 October 201 <i>Title</i>	9 Scale	Publication Date	
Aus 280 Edition 5	Australia - East Coast - Queensland - Plans in		22 February 2019	
	Magpie Reef to Eden Reef Flinders Group	1:75 000 1:50 000		
Aus 281 Edition 3	Australia - East Coast - Queensland - First Three Mile Opening to Cape Direction	1:75 000	22 February 2019	
Aus 751 Edition 2	Australia - West Coast - Western Australia - Houtman Abrolhos and Geelvink Channel	1:150 000	29 June 2012	
	hdrawn without replacement 29 November 2019	0	Dublication Data	
Chart Aus 739 Edition 3	<i>Title</i> Australia - North West Coast - Western Australia - Bedout Islet to Port Hedland	<i>Scale</i> 1:150 000	<i>Publication Date</i> 15 January 2010	
Aus 740 Edition 3	Australia - North West Coast - Western Australia - Port Hedland to Port Walcott Inset:	1:150 000	15 January 2010	
	Depuch Island Anchorage	1:20 000		
Aus 741 Edition 3	Australia - North West Coast - Western Australia - Approaches to Dampier Archipelago	1:150 000	6 November 2015	
862 Subcon	AUSTRALIA - NEW SOUTH WALES - Moon Is	and - Fish haven n	ortheastwards	
Aus 809 [3 Insert	51/2019] fish haven with minimum depth, <i>15m</i> , centred on		33° 04'.34 S	151° 41'.96 E
	AUSTRALIA - QUEENSLAND - Magnetic Islan tice - 828(T)/2018 is cancelled afety Queensland	d - Light buoys		
Aus 256 [3	-		10° 07' 9 C	146° 50' 9 5
Delete	light buoy light buoy		19° 07'.8 S 19° 08'.2 S	146° 52'.8 E 146° 55'.8 E
Aus 257 [3 Delete	318/2019] light buoy		19° 15'.17 S	146° 51'.03 E
Aus 827 [& Delete	531/2019] light buoy		19° 08'.2 S	146° 55'.8 E
864 Maritime S	AUSTRALIA - QUEENSLAND - Mourilyan - An afety Queensland Notice 355/2019	chorages		
Aus 258 (Insert	Gladys Inlet to King Reefs) [1009/2018] anchor berth, desig MA1 anchor berth, desig MA2		17° 36'.72 S 17° 37'.82 S	146° 11'.41 E 146° 11'.69 E
Aus 829 [§ Insert	951/2018] anchor berth, desig <i>MA1</i> anchor berth, desig <i>MA2</i>		17° 36'.72 S 17° 37'.82 S	146° 11'.41 E 146° 11'.69 E

Australian N	Maritime Safety Authority		
Aus 270 (C Insert	Cape Melville and Pipon Islets) [762/2019] magenta dashed line, between	14° 05'.60 S	144° 33'.69 E
	magenta dashed line, between	14° 10'.09 S 14° 05'.60 S	144° 35'.40 E 144° 32'.26 E
	two-way route arrows, centred on	14° 09'.37 S 14° 08'.0 S	144° 33'.78 E 144° 34'.1 E
Delete	magenta dashed line, between	14° 09'.4 S 14° 10'.1 S	144° 33'.8 E 144° 35'.4 E
Aus 833 [7 Insert	762/2019] magenta dashed line, between	13° 59'.11 S 14° 04'.50 S	144° 21'.56 E 144° 33'.27 E
	magenta dashed line, between	14° 10'.09 S 14° 01'.31 S 14° 05'.20 S 14° 09'.37 S	144° 35'.40 E 144° 23'.62 E 144° 32'.10 E 144° 33'.78 E
	two-way route arrows, centred on	14° 03'.5 S	144° 29'.7 E
Delete	magenta dashed line, between magenta dashed line, between	13° 59'.1 S 14° 01'.3 S 14° 09'.4 S	144° 21'.6 E 144° 23'.6 E 144° 33'.8 E
		14° 10'.1 S	144° 35'.4 E
866 Maritime Sa	AUSTRALIA - QUEENSLAND - Port Alma - Mooring buoy afety Queensland Notice 358/2019		
Aus 265 (F Insert	Port Alma) [523/2019] cylindrical mooring buoy	23° 35'.288 S	150° 51'.773 E
867 Transhipme	AUSTRALIA - QUEENSLAND - Skardon River - Mooring buoys; an ent Services Australia	nchorages	
Aus 701 [5 Insert	530/2019] accompanying block	11° 45'.0 S	141° 51'.0 E
868 Australian H	PAPUA NEW GUINEA - Bougainville Island - Chart name Hydrographic Office		
Aus 397 [3 Amend	842/2015] legend to PNG 684 legend to PNG 684 legend to PNG 684	4° 30'.9 S 5° 06'.0 S 5° 22'.3 S	154° 42'.4 E 154° 20'.7 E 154° 36'.1 E
Aus 399 [8 Amend	899/2017] legend to PNG 684 legend to PNG 684 legend to PNG 684 legend to PNG 684	5° 06'.0 S 5° 07'.0 S 5° 07'.2 S 5° 13'.3 S	154° 35'.7 E 155° 56'.4 E 155° 58'.9 E 155° 59'.7 E

AUSTRALIA - QUEENSLAND - Pipon Islets - Two-way route

865

869 PAPUA NEW GUINEA - Du Australian Hydrographic Office	ke of York Group - Chart name	
Aus 545 [<i>155/2019</i>] Amend legend to <i>PNG 67</i> 9	04° 04'.9 S	6 152° 21'.5 E
Aus 554 [155/2019] Amend legend to PNG 679 legend to PNG 679	04° 04'.9 3 04° 19'.3 3	
Aus 680 [155/2019] Amend legend to PNG 679	04° 04'.9 S	6 152° 21'.3 E
Aus 680 (Simpson and Matupit Harbours Amend legend to PNG 679	;) [<i>155/2019</i>] 04° 12'.08 \$	6 152° 12'.31 E
870 PAPUA NEW GUINEA - New Fugro LADS	w Britain - Gasmata - Wreck	
Aus 670 [1073/2018] Replace wreck depth, 31m, with wreck o	depth, <i>35m</i> 06° 16'.9 S	6 150° 19'.4 E
871 PAPUA NEW GUINEA - New National Maritime Safety Authority PNG	w Britain - Kimbe - Light beacon withdrawn	
PNG 674 [NC 9/8/2019]Deletelight beacon	5° 32'.66 S	6 150° 09'.07 E
872 AUSTRALIA - TORRES STI Maritime Safety Queensland	RAIT - Madge Reef - Light buoy	
Aus 293 [530/2019] Insert special conical light buoy, <i>Fl.Y.</i>	2.2.5s, without topmark 10° 35'.062 s	6 142° 14'.542 E
Delete depth, 3 ₃ m light buoy	10° 35'.04 10° 35'.08	
Aus 299 [56/2019] Insert special conical light buoy, <i>FI.Y.</i>	2·5s, without topmark 10° 35'.062 S	6 142° 14'.542 E
Delete light buoy	10° 35'.08 \$	6 142° 14'.49 E
873 AUSTRALIA - NORTHERN Surrich Hydrographics	TERRITORY - Darwin - Depths	
Aus 24 [214/2019] Insert accompanying block	12° 29'.0 S	6 130° 49'.5 E
Aus 27 [214/2019] Insert accompanying block	12° 33'.0 5	6 130° 51'.3 E
Aus 28 [474/2019] Insert accompanying block	12° 30'.0 S	6 130° 53'.5 E

874 AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Lynedoch Bank to Barrow Island -Scientific instruments

Australian Institute of Marine Science

Aus 309 [649/2019] Delete depth, 10m, enclosed by danger circle with legend, ODAS	12° 17'.4 S	128° 28'.6 E
Aus 310 [1075/2018] Insert depth, 15m, enclosed by danger circle with legend, ODAS	9° 56'.37 S	130° 20'.95 E
Aus 311 [265/2019]Deletedepth, 10m, enclosed by danger circle with legend, ODAS depth, 10m, enclosed by danger circle with legend, ODAS	11° 00'.0 S 9° 49'.0 S	128° 00'.0 E 127° 33'.2 E
Aus 313 [<i>1126/2018</i>] Delete depth, 10m, enclosed by danger circle with legend, ODAS	9° 49'.0 S	127° 33'.2 E
Aus 315 [649/2019] Delete depth, 10m, enclosed by danger circle with legend, ODAS	12° 17'.4 S	128° 28'.6 E
Aus 316 [<i>11/2019</i>] Delete depth, 10m, enclosed by danger circle with legend, ODAS	13° 36'.5 S	128° 58'.0 E
Aus 320 [780/2019] Insert depth, 15m, enclosed by danger circle with legend, ODAS	14° 14'.13 S	123° 09'.74 E
Aus 322 [384/2019] Insert depth, 15m, enclosed by danger circle with legend, ODAS	14° 14'.13 S	123° 09'.74 E
Aus 325 [<i>383/2019</i>] Move depth, <i>15m,</i> enclosed by danger circle with legend, ODAS to	17° 45'.7 S 17° 45'.48 S	119° 55'.3 E 119° 54'.37 E
Aus 328 [430/2019] Insert depth, 15m, enclosed by danger circle with legend, ODAS	20° 45'.67 S	114° 45'.52 E
Aus 4721 (INT 721) [265/2019]		
Insert depth, <i>15m,</i> enclosed by danger circle with legend, <i>ODAS</i> depth, <i>15m,</i> enclosed by danger circle with legend, <i>ODAS</i>	14° 14'.1 S 9° 56'.4 S	123° 09'.7 E 130° 20'.9 E
Delete depth, 10m, enclosed by danger circle with legend, ODAS depth, 10m, enclosed by danger circle with legend, ODAS depth, 10m, enclosed by danger circle with legend, ODAS depth, 103m depth, 10m, enclosed by danger circle with legend, ODAS	11° 00'.0 S 12° 17'.4 S 13° 36'.5 S 14° 15'.4 S 9° 49'.0 S	128° 00'.0 E 128° 28'.6 E 128° 58'.0 E 123° 12'.3 E 127° 33'.2 E
A 4700 (INT 700) [204/0040]		
Aus 4722 (INT 722) [704/2019]Insertdepth, 15m, enclosed by danger circle with legend, ODAS	14° 14'.1 S	123° 09'.7 E
Move depth, <i>15m,</i> enclosed by danger circle with legend, ODAS to	17° 45'.7 S 17° 45'.5 S	119° 55'.3 E 119° 54'.4 E
Delete depth, 103m	14° 15'.4 S	123° 12'.3 E
Aus 4723 (INT 723) [777/2019] Insert depth, 15m, enclosed by danger circle with legend, ODAS	20° 45'.7 S	114° 45'.5 E
Aus 4725 (INT 725) [476/2019]Insertdepth, 15m, enclosed by danger circle with legend, ODAS	20° 45'.7 S	114° 45'.5 E

875 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Town Point - Scientific instrument Port of Barrow Island Notice 02/2019			
Aus 65 [33 Insert	0/2019] special spherical light buoy, <i>FI(5)Y.20s</i> , without topmark	20° 48'.82 S	115° 29'.88 E
Aus 66 [34 Insert	9/2018] special spherical light buoy, <i>FI(5)Y.20s</i> , without topmark	20° 48'.82 S	115° 29'.88 E
876 CSIRO	AUSTRALIA - WESTERN AUSTRALIA - Esperance - Charley Island - S	cientific instrume	nt withdrawn
Aus 119 [6 Delete	0/2019] depth, 20m, enclosed by danger circle with legend, ODAS	33° 56'.0 S	121° 51'.0 E
Aus 762 [<i>1</i> Delete		33° 56'.0 S	121° 51'.0 E
877 Fremantle F	AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Inner Harbour - Be Ports Notice 2/2019	rths	
Aus 113 [7	78/2019]		
Insert	berth desig, CT4	32° 02'.489 S	115° 44'.853 E
	berth desig, CT1	32° 02'.888 S	115° 44'.458 E
Amend	berth desig to CT3	32° 02'.62 S	115° 44'.73 E
Amenu	berth desig to C72	32° 02'.02 S 32° 02'.75 S	115° 44'.60 E
Delete	berth desig, 10 berth desig, 9 berth desig, 7 berth desig, 5 berth desig, 4	32° 02'.46 S 32° 02'.53 S 32° 02'.69 S 32° 02'.82 S 32° 02'.94 S	115° 44'.89 E 115° 44'.82 E 115° 44'.66 E 115° 44'.53 E 115° 44'.42 E
878 Woodside E	AUSTRALIA - WESTERN AUSTRALIA - Murion Islands - Pipeline north	westwards	

Aus 328 [874/2019] Insert supply pipeline, between	21° 31'.98 S 21° 31'.25 S 21° 30'.43 S	113° 51'.21 E 113° 52'.14 E 113° 52'.61 E
Aus 329 [476/2019] Insert supply pipeline, between	21° 31'.98 S 21° 31'.25 S 21° 30'.43 S	113° 51'.21 E 113° 52'.14 E 113° 52'.61 E

879 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Coxon Shoal - Light beacon eastwards Pilbara Ports Authority Notice PH 2/2019

Aus 53 [7	04/2019]		
Delete	topmark	20° 03'.2 S	118° 32'.6 E
	light elevation, 10m	20° 03'.2 S	118° 32'.6 E

880 AUSTRALIA - WESTERN AUSTRALIA - Rosemary Island to Barrow Island - Chart limits; depths; ZOC diagram

Australian Hydrographic Office

Note: the position of existing chart notes may vary on certain charts.

Aus 742 [. Insert	 330/2019] magenta limits, with legend Aus 57 in NW corner, between accompanying ZOC diagram depth, 7_sm, and extend contour NW to enclose 	20° 17'.40 S 20° 17'.40 S 20° 44'.00 S 20° 44'.00 S 20° 09'.5 S 20° 38'.76 S	116° 38'.08 E 116° 17'.40 E 116° 17'.40 E 116° 38'.08 E 115° 09'.5 E 116° 27'.52 E
	accompanying note	20° 52'.9 S	116° 19'.0 E
Amend	magenta legend to ENC (see Note)	20° 32'.2 S	116° 02'.7 E
Delete	magenta limits, with legend Aus 57, centred on depth, 11 ₇ m	20° 30'.0 S 20° 38'.5 S	116° 30'.0 E 116° 27'.5 E
	depth, 9 ₃ m	20° 39'.0 S	116° 28'.0 E
Aus 743 [1080/2018]		
Insert	accompanying note accompanying ZOC diagram	21° 28'.3 S 21° 35'.0 S	116° 08'.5 E 116° 03'.0 E
Amend	magenta legend to ENC (see Note)	20° 59'.6 S	116° 02'.5 E
881 Departmer	AUSTRALIA - WESTERN AUSTRALIA - Tantabiddi Passage - Scie at of Transport WA Notice 88/2019	entific instrument	
Aus 745 [⁄ Insert	476/2019] orange spherical light buoy, <i>FI(5)Y.20s</i> , without topmark	21° 53'.62 S	113° 55'.72 E
882 Departmer	AUSTRALIA - SOUTH AUSTRALIA - Backstairs Passage - Subman at of Planning, Transport and Infrastructure SA	rine power cable	
Departmer		rine power cable	
Departmer	t of Planning, Transport and Infrastructure SA	35° 44'.25 S	138° 01'.32 E
Departmer Aus 126 (at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018]		138° 01'.32 E 138° 01'.47 E 138° 01'.50 E
Departmer Aus 126 (at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018]	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E
Departmer Aus 126 (at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018]	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S	138° 01'.47 E 138° 01'.50 E
Departmer Aus 126 (Insert	at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E
Departmer Aus 126 (Insert Aus 780 [2	at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E
Departmer Aus 126 (Insert Aus 780 [2	at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S 35° 44'.25 S 35° 44'.25 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E 138° 01'.32 E 138° 01'.32 E
Departmer Aus 126 (Insert Aus 780 [2	at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S 35° 44'.25 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E 138° 01'.32 E
Departmer Aus 126 (Insert Aus 780 [2	at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S 35° 44'.25 S 35° 44'.25 S 35° 43'.26 S 35° 38'.84 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E 138° 01'.32 E 138° 01'.32 E 138° 01'.72 E 138° 05'.84 E
Departmer Aus 126 (Insert Aus 780 [2	At of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between 221/2019] submarine power cable, between AUSTRALIA - VICTORIA - Apollo Bay - Lights	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S 35° 44'.25 S 35° 44'.25 S 35° 43'.26 S 35° 38'.84 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E 138° 01'.32 E 138° 01'.32 E 138° 01'.72 E 138° 05'.84 E
Departmer Aus 126 (Insert Aus 780 [Insert 883	at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between 221/2019] submarine power cable, between AUSTRALIA - VICTORIA - Apollo Bay - Lights ay Shire	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S 35° 44'.25 S 35° 44'.25 S 35° 43'.26 S 35° 38'.84 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E 138° 01'.32 E 138° 01'.72 E 138° 05'.84 E
Departmen Aus 126 (Insert Aus 780 [Insert 883 Colac Otwa	at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between 221/2019] submarine power cable, between AUSTRALIA - VICTORIA - Apollo Bay - Lights ay Shire	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S 35° 44'.25 S 35° 44'.25 S 35° 43'.26 S 35° 38'.84 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E 138° 01'.32 E 138° 01'.32 E 138° 01'.72 E 138° 05'.84 E
Departmer Aus 126 (Insert Aus 780 [Insert 883 Colac Otwa Aus 349 [at of Planning, Transport and Infrastructure SA Backstairs Passage) [488/2018] submarine power cable, between 221/2019] submarine power cable, between AUSTRALIA - VICTORIA - Apollo Bay - Lights ay Shire 268/2019] light, <i>Iso.12M</i> dashed line in a direction 197.5° for a distance of 2.1M, thence a	35° 44'.25 S 35° 44'.04 S 35° 43'.69 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S 35° 44'.25 S 35° 44'.25 S 35° 43'.26 S 35° 38'.84 S 35° 37'.97 S	138° 01'.47 E 138° 01'.50 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E 138° 01'.32 E 138° 01'.32 E 138° 01'.72 E 138° 05'.84 E 138° 06'.91 E

884 AUSTRALIA - VICTORIA - Port Phillip - Point Henry - Beacon withdrawn Victorian Regional Channels Authority Notice 184/2019		
Aus 157 [710/2019] Delete beacon	38° 08'.03 S	144° 25'.64 E
Aus 157 (Point Henry Pier) [710/2019] Delete beacon	38° 08'.03 S	144° 25'.64 E
885 AUSTRALIA - VICTORIA - Portland - Depths Port of Portland		
Aus 140 [154/2018] Insert accompanying block B accompanying block C	38° 16'.5 S 38° 20'.6 S	142° 02'.7 E 141° 38'.4 E
Aus 140 (Portland) [154/2018]Insertaccompanying block A	38° 20'.8 S	141° 37'.0 E
886 AUSTRALIA - BASS STRAIT - Hogan Island northwestwards - Wrec Australian Hydrographic Office	k	
Aus 802 [268/2019] Replace wreck depth, 51m, with wreck depth, 50m	39° 06'.5 S	146° 43'.8 E
887 AUSTRALIA - TASMANIA - Port Davey - Curtis Point to Bathurst Nat limit A Boon , Parks and Wildlife Service Tasmania	rrows - Rocks; anc	horing prohibited
Aus 176 [543/2019]Insertunderwater rock enclosed by danger circle, with legend (1) Rep (2019)underwater rock enclosed by danger circle, with legend (12) Rep (2019)	43° 15'.180 S 43° 20'.110 S	145° 54'.980 E 146° 03'.305 E
Aus 176 (Bathurst Narrows) [543/2019]Insertanchoring prohibited limit, between	43° 20'.897 S 43° 20'.862 S	146° 07'.154 E 146° 07'.247 E
888 AUSTRALIA - TASMANIA - River Tamar - Lone Pine Point to Tamar Island - Navaids Marine and Safety Tasmania		
Aus 168 [22/2019] Insert port lateral topmark	41° 19'.982 S	147° 01'.072 E
Aus 168 (Tamar Island to Launceston) [22/2019] Move light beacon to	41° 23'.44 S 41° 23'.474 S	147° 05'.59 E 147° 05'.588 E

Cancel this notice on receipt.

Chart formerly affected - Aus 222

890(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works

Maritime Safety Queensland Notice 375(T)/2019

The construction of a pontoon is being carried out by barges 'Steel Ranger' and 'Cobia' and support vessels. The barges and hazards will be lit.

Vessels will monitor VHF Ch13 and Ch16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

891(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Rocks Reach - Scientific instrument Maritime Safety Queensland Notice 383(T)/2019

A special light buoy, Fl.Y.2.5s, exists in position 27° 24'.58 S 153° 08'.82 E.

Chart temporarily affected - Aus 237 - Aus 238

892(T)/2019 AUSTRALIA - QUEENSLAND - Cairns - Light beacon withdrawn Maritime Safety Queensland Notice 372(T)/2019

The light beacon, FI.G.4s C9, has been temporarily withdrawn; a starboard lateral light buoy, FI.G.4s, exists in situ.

Chart temporarily affected - Aus 262

893(T)/2019 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Stewart Island - Light beacon relit Former Notice - 785(T)/2018 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 240

894(T)/2019 AUSTRALIA - QUEENSLAND - Inskip Point - Light relit *Former Notice* - 1036(T)/2017 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 240 - Aus 815 - Aus 817

895(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoy Maritime Safety Queensland Notice 365(T)/2019

A starboard lateral pillar light buoy, FI.G.2.5s, exists in position 27° 02'.90 S 153° 16'.30 E.

Chart temporarily affected - Aus 235 - Aus 236

896(T)/2019 AUSTRALIA - QUEENSLAND - Peaked Island - Search and rescue exercise northeastwards completed *Former Notice* - 667(T)/2017 is cancelled Maritime Safety Queensland Notice 322(T)/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 367 - Aus 490 - Aus 820

897(T)/2019 AUSTRALIA - QUEENSLAND - Rattlesnake Island - Military exercise; live firing

Maritime Safety Queensland Notice 373(T)/2019, 374(T)/2019

Military exercises including live firing activities will be conducted within a 5M radius of position 19° 02'.27 S 146° 36'.43 E from 19 August to 30 August 2019, and on 2 September 2019.

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

Chart temporarily affected - Aus 256 - Aus 827

898(T)/2019 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing Maritime Safety Queensland Notice 380(T)/2019

Live firing will be conducted in the marine component of the Shoalwater Bay training area during the period 6 September to 23 September 2019.

A marine danger area extends to all internal waters bounded by the following positions:

22° 33'.77 S 150° 32'.70 E 22° 33'.23 S 150° 35'.28 E 22° 38'.18 S 150° 43'.15 E 22° 40'.00 S 150° 38'.00 E.

All waters, creeks, beaches and other areas within the declared marine danger area are not available for access.

There will be a safe anchorage available at Freshwater, Port Clinton, West Water Port Clinton, South Arm Port Clinton, Pearl Bay, Island Head Creek and Supply Bay Townshend Island.

Mariners are advised to keep clear of this area throughout the above times.

Chart temporarily affected - Aus 248 - Aus 367 - Aus 490 - Aus 820

899(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Sea Channel - Light beacon restored *Former Notice* - 1031(T)/2018 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 256

900(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Beacon replacement works completed Former Notice - 556(T)/2019 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 256 - Aus 257

901(T)/2019 PAPUA NEW GUINEA - Cape Croisilles - Light unlit National Maritime Safety Authority PNG Coastal Navigation Warning 32/2019

The light, *Fl*(2)6s 22m 10M (4° 50'.89 S 145° 48'.20 E), is unlit.

Chart temporarily affected - Aus 387 - Aus 388 - Aus 4622 (INT 622)

Cancel this notice on receipt.

Chart formerly affected - Aus 545 - Aus 554 - Aus 679 - Aus 680

903(P)/2019 PAPUA NEW GUINEA - Duke of York Island - Shoaling

LADS Flight

Latest survey shows shoaler depths than those charted may exist in an area bounded by the following positions:

4° 07'.43 S 152° 28'.17 E 4° 10'.10 S 152° 30'.20 E 4° 11'.35 S 152° 30'.07 E 4° 13'.66 S 152° 28'.38 E 4° 15'.11 S 152° 25'.69 E 4° 13'.13 S 152° 22'.60 E 4° 11'.41 S 152° 23'.70 E 4° 07'.06 S 152° 23'.88 E 4° 06'.29 S 152° 24'.62 E 4° 06'.17 S 152° 25'.41 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - Aus 545 - Aus 554 - Aus 680 - PNG 679

904(T)/2019 PAPUA NEW GUINEA - Madehas Island - Light unlit

National Maritime Safety Authority PNG

The light, Fl.10s 137m 16M (5° 27'.63 S 154° 38'.06 E), is unlit.

Chart temporarily affected - Aus 397 - Aus 399 - Aus 4604 (INT 604) - Aus 4622 (INT 622) - PNG 684

905(T)/2019 PAPUA NEW GUINEA - Madehas Island - Light unlit Former Notice - 495(T)/2019 is cancelled

National Maritime Safety Authority PNG

Cancel this notice on receipt.

Chart formerly affected - Aus 397 - Aus 399 - Aus 684 - Aus 4604 (INT 604) - Aus 4622 (INT 622)

906(T)/2019 PAPUA NEW GUINEA - New Britain - Kimbe - Light beacon destroyed; obstruction charted Former Notice - 294(T)/2018 is cancelled National Maritime Safety Authority PNG

Cancel this notice on receipt.

Chart formerly affected - Aus 674 - Aus 677

907(T)/2019 PAPUA NEW GUINEA - Tavui Point to Elizabeth Reef - Lights relit *Former Notice -* 839(T)/2019 is cancelled National Maritime Safety Authority PNG Coastal Navigation Warning 33/2019, 34/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 545 - Aus 546 - Aus 554 - Aus 680 - Aus 4604 (INT 604) - Aus 4622 (INT 622)

908(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Cable operations Fugro

Vessel *Vos Shine* is conducting submarine cable laying operations between the following positions: 11° 45'.34 S 130° 38'.45 E 11° 46'.00 S 130° 40'.00 E 11° 47'.50 S 130° 39'.65 E 11° 53'.00 S 130° 33'.50 E 12° 05'.40 S 130° 32'.70 E 12° 13'.50 S 130° 33'.60 E 12° 13'.99 S 130° 33'.42 E.

A buoy exists at the end point (12° 13'.99 S 130° 33'.42 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 23 - Aus 309 - Aus 316 - Aus 722

909(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Melville Island to Bathurst Island - Harbour works Department of Infrastructure, Planning and Logistics NT Notice 7/2019

Works associated with the installation of two ferry landings are in progress in the vicinity of positions 11° 45'.17 S 130° 38'.37 E and 11° 44'.75 S 130° 38'.45 E.

A barge will deploy anchors at each site.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 23 - Aus 722

910(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards Chevron Australia

Subsea operations are in progress in the vicinity of position 20° 34'.71 S 114° 46'.35 E.

Mariners are advised to navigate with caution in the area.

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

911(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards Chevron Australia

Subsea operations are in progress in the vicinity of position 19° 51'.16 S 114° 30'.87 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 328 - Aus 4723 (INT 723)

912(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Broome - Dredging operations

Kimberley Ports Authority Notice 20/2019

The dredge *Niccolo Machavelli* and support vessels are conducting dredging operations in the Port of Broome (18° 00'.08 S 122° 13'.30 E).

A floating pipeline exists in the area which is connected to the dredge. A 250m exclusion zone exists around the dredge and pipeline. Vessels needing to pass the exclusion zone must contact Broome Port on VHF Ch 14 or Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 50 - Aus 51

913(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Browse Island to Rankin Bank - Drilling and survey operations completed

Former Notice - 293(T)/2019 is cancelled Woodside Energy Ltd

Cancel this notice on receipt.

Chart formerly affected - Aus 48 - Aus 319 - Aus 320 - Aus 322 - Aus 323 - Aus 325 - Aus 326 - Aus 327 - Aus 741 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - Aus 4723 (INT 723)

914(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Mangles Bay - Wreck Department of Transport WA Notice 93/2019

A wreck marked by an isolated danger light buoy exists in position 32° 16'.22 S 115° 42'.80 E.

Chart temporarily affected - Aus 117

915(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Perth - Scientific instruments westwards Former Notice - 478(T)/2016 is cancelled CSIRO

Subsurface scientific instruments exist as follows:

1 0311011	i tomarka
31° 38'.60 S 115° 12'.20 E	20m below the surface
31° 43'.71 S 115° 01'.20 E	20m below the surface
31° 45'.91 S 114° 59'.60 E	300m below the surface
31° 59'.00 S 115° 13'.70 E	20m below the surface
31° 59'.38 S 115° 23'.13 E	20m below the surface
32° 00'.00 S 115° 25'.00 E	20m below the surface

Chart temporarily affected - Aus 754

916(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Perth - Scientific instrument westwards removed *Former Notice -* 670(T)/2019 is cancelled Australian Maritime Safety Authority

Cancel this notice on receipt.

Chart formerly affected - Aus 4725 (INT 725)

917(P)/2019 AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Shoaling

Former Notice - 846(P)/2019 is cancelled Department of Transport WA

Latest survey shows shoaler depths than those charted may exist within the approaches to Wyndham wharf, with least depths as follows: *Position Depth*

15° 18'.67 S 128° 05'.29 E	0.2m
15° 24'.81 S 128° 05'.73 E	-0.2m
15° 25'.62 S 128° 05'.61 E	0.0m

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 32

918(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Backstairs Passage - Cable operations completed *Former Notice -* 427(T)/2018 is cancelled Department of Planning, Transport and Infrastructure SA

Cancel this notice on receipt.

Chart formerly affected - Aus 126 - Aus 347 - Aus 780

919(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Cape Jaffa - Marina closure

Former Notice - 173(T)/2018 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 30/2019

Mariners are advised that due to seasonal shoaling and seagrass wrack at the entrance to Cape Jaffa Marina (36° 56'.18 S 139° 41'.84 E) the marina is closed to all vessels.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 127

920(T)/2019 AUSTRALIA - SOUTH AUSTRALIA - Thevenard - Harbour works

Department of Planning, Transport and Infrastructure SA Notice 29/2019

Maintenance and construction operations on the Thevenard jetty are in progress (32° 08'.95 S 133° 38'.45 E).

A jack-up barge and support vessels are on site. An exclusion zone around the barge and floating plant will be marked with special and red buoys.

Vessels will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 122

921(T)/2019 AUSTRALIA - VICTORIA - Peterborough - Drill rig southwestwards Former Notice - 807(T)/2019 is cancelled Cooper Energy

On or about 31 August 2019, Drill rig *Ocean Monarch* will be conducting drilling operations in position 38° 46'.71 S 142° 36'.07 E.

Chart temporarily affected - Aus 349 - Aus 787 - Aus 4728 (INT 728)

922(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Blairgowrie - Light beacon relit Former Notice - 741(T)/2019 is cancelled Parks Victoria Notice 191/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 158

923(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Frankston - Pier damaged Parks Victoria 195(T)/2019

Frankston Pier (38° 08'.78 S 145° 06'.85 E) has been damaged and will be closed to all vessels until further notice.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143

924(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Paterson River - Light buoy relit northwestwards Former Notice - 855(T)/2019 is cancelled

Victorian Ports Corporation (Melbourne) Notice 196/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 143

HYDROGRAPHIC REPORTS

Locality	Report	Ship/Authority	Observer
TAS- Port Davey	Underwater rock; anchoring prohibited limit		A Boon

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