

AUSTRALIAN NOTICES TO MARINERS

Notices 573 - 641

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 12

Notices	Aus Chart, INT Chart, ENC Cell, AHP, BA Pubs
573	Aus 52, 250, 509, 609, PNG 509
574	Aus 50, 57, 68, 83, 111, 112, 114, 117, 267, 739, 740, 741
575	Amendment to Australian National Tide Tables 2019
576	Aus 4602, INT 602
577 578	Aus 200, 201, 202 Aus 253, 269
579	Aus 236, 237
580	Aus 836
581	Aus 236
582	Aus 377
583	Aus 490, 612, 4621, 4635, INT 621, 635
584	Aus 510, 512, 513, 518, 4621, INT 621, PNG 508
585	PNG 508
586 587	Aus 839 Aus 25, 722
588	Aus 37, 320, 729, 730
589	Aus 319, 320
590	Aus 53
591	Aus 118
592	Aus 174
593(T)	Aus 191, 489, 808, 4643, INT 643
594(T)	Aus 246
595(T) 596(P)	Aus 238 Aus 115
590(F) 597(T)	Aus 249, 250
598(T)	Aus 258, 259, 267, 827, 828, 829
599(T)	Aus 236
600(T)	Aus 235, 236
601(T)	Aus 248, 260, 261, 367, 820, 822
602(T)	Aus 256, 257
603(T)	Aus 4
604(T)	Aus 4, 301, 701
605(T) 606(T)	Aus 4 Aus 521, 522, 4603, 4604, 4620, 4621, 4622, INT 603, 604, 620, 621, 622
607(T)	Aus 379, 505, 621
608(T)	Aus 519, PNG 520
609(T)	Aus 26, 28
610(T)	Aus 28
611(T)	Aus 24, 28
612(T)	Aus 328
613(T) 614(T)	Aus 325, 326, 739, 4722, INT 722 Aus 326, 739, 4722, INT 722
615(T)	Aus 50, 51
616(T)	Aus 319, 320, 4721, 4722, INT 721, 722
617(T)	Aus 335, 755, 756, 4725, 4726, INT 725, 726
618(T)	Aus 57, 741, 742
619(T)	Aus 58, 59, 60
620(T)	Aus 119
621(T)	Aus 327, 328, 4723, INT 723
622(T)	Aus 53
623(T) 624(T)	Aus 53, 54 Aus 52, 53
625(T)	Aus 52, 53 Aus 52, 53, 54
626(T)	Aus 53
627(T)	Aus 52, 53
628(T)	Aus 53, 54
629(T)	Aus 52, 53, 54
630(T)	Aus 143, 155
631(T)	Aus 143, 155
632(T) 633(T)	Aus 154 Aus 143, 788
634(T)	Aus 143, 788 Aus 173
635(T)	Aus 172
636(T)	Aus 172
637(T)	Aus 4623, 4634, INT 623, 634, SLB 201, 304

Notices	Aus Chart, INT Chart, ENC Cell, AHP, BA Pubs
638(T)	SLB 305
639(T)	Aus 4623, 4634, INT 623, 634, SLB 201, 304
640(T)	Aus 4604, 4623, 4634, INT 604, 623, 634, SLB 101, 304, 305
641(T)	Aus 4623, 4634, INT 623, 634, SLB 101, 201, 304, 305

NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 12

Aus Chart	Notices	Aus Chart	Notices
Aus 4	603(T), 604(T), 605(T)	Aus 325	613(T)
Aus 24	611(T)	Aus 326	613(T), 614(T)
Aus 25	587	Aus 327	621(T)
Aus 26	609(T)	Aus 328	612(T), 621(T)
Aus 28	609(T), 610(T), 611(T)	Aus 335	617(T)
Aus 37	588	Aus 367	601(T)
Aus 50	574, 615(T)	Aus 377	582
Aus 51	615(T)	Aus 379	607(T)
Aus 52	573, 624(T), 625(T), 627(T), 629(T)	Aus 489	593(T)
Aus 53	590, 622(T), 623(T), 624(T), 625(T),	Aus 490	583
	626(T), 627(T), 628(T), 629(T)		
Aus 54	623(T), 625(T), 628(T), 629(T)	Aus 505	607(T)
Aus 57	574, 618(T)	Aus 509	573
Aus 58	619(T)	Aus 510	584
Aus 59	619(T)	Aus 512	584
Aus 60	619(T)	Aus 513	584
Aus 68	574	Aus 518	584
Aus 83	574	Aus 519	608(T)
Aus 111	574	Aus 521	606(T)
Aus 112	574	Aus 522	606(T)
Aus 114	574	Aus 609	573
Aus 115	596(P)	Aus 612	583
Aus 117	574	Aus 621	607(T)
Aus 118	591	Aus 701	604(T)
Aus 119	620(T)	Aus 722	587
Aus 143	630(T), 631(T), 633(T)	Aus 729	588
Aus 154	632(T)	Aus 730	588
Aus 155	630(T), 631(T)	Aus 739	574, 613(T), 614(T)
Aus 172	635(T), 636(T)	Aus 740	574
Aus 173	634(T)	Aus 741	574, 618(T)
Aus 174	592	Aus 742	618(T)
Aus 191	593(T)	Aus 755	617(T)
Aus 200	577	Aus 756	617(T)
Aus 201	577	Aus 788	633(T)
Aus 202	577	Aus 808	593(T)
Aus 235	600(T)	Aus 820	601(T)
	579, 581, 599(T), 600(T)		
Aus 236		Aus 822	601(T)
Aus 237	579	Aus 827	598(T)
Aus 238	595(T)	Aus 828	598(T)
Aus 246	594(T)	Aus 829	598(T)
Aus 248	601(T)	Aus 836	580
Aus 249	597(T)	Aus 839	586
Aus 250	573, 597(T)	Aus 4602	576
Aus 253	578	Aus 4603	606(T)
Aus 256	602(T)	Aus 4604	606(T), 640(T)
Aus 257	602(T)	Aus 4620	606(T)
Aus 258	598(T)	Aus 4621	583, 584, 606(T)
Aus 259	598(T)	Aus 4622	606(T)
Aus 260	601(T)	Aus 4623	637(T), 639(T), 640(T), 641(T)
Aus 261	601(T)	Aus 4634	637(T), 639(T), 640(T), 641(T)
Aus 267	574, 598(T)	Aus 4635	583
Aus 269	578	Aus 4643	593(T)
Aus 301	604(T)	Aus 4721	616(T)
Aus 319	589, 616(T)	Aus 4722	613(T), 614(T), 616(T)
Aus 320	588, 589, 616(T)	Aus 4723	621(T)

Aus Chart	Notices
Aus 4725	617(T)
Aus 4726	617(T)
PNG 508	584, 585
PNG 509	573
PNG 520	608(T)
SLB 101	640(T), 641(T)
SLB 201	637(T), 639(T), 641(T)
SLB 304	637(T), 639(T), 640(T), 641(T)
SLB 305	638(T), 640(T), 641(T)

INT Chart	Notices
INT 602	576
INT 603	606(T)
INT 604	606(T), 640(T)
INT 620	606(T)
INT 621	583, 584, 606(T)
INT 622	606(T)
INT 623	637(T), 639(T), 640(T), 641(T)
INT 634	637(T), 639(T), 640(T), 641(T)
INT 635	583
INT 643	593(T)
INT 721	616(T)
INT 722	613(T), 614(T), 616(T)
INT 723	621(T)
INT 725	617(T)
INT 726	617(T)

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

Australian Hydrographic Office

PNG 509 P L	itile and Geographical limits apua New Guinea - North East Coast - ong Reef to Normanby Island 10° 06'·75 S – 11° 30'·25 S I50° 02'·40 E – 151° 55'·80 E	<i>Scale</i> 1:150 000	<i>Publication Date</i> 14 June 2019	<i>Remarks</i> Adoption of Papua New Guinea chart numbering. Replaces Aus 509. General updating throughout including new bathymetric data and submarine cable.		
New Electro Cell Name NIL	onic Navigation Chart (Aus ENC) Title		Publication Date	Remarks		
New Edition Chart	ns and Withdrawn Charts <i>Title</i>	Scale	Publication Date	Remarks		
Aus 250 (Edition 6)	Australia - East Coast - Queensland - Plans of Hay Point and Mackay Harbour Plans: Hay Point Mackay Harbour	1:15 000 1:10 000	14 June 2019	New edition with general updating throughout; including latest bathymetric data and Restricted Area limits. Chart Aus 250 Edition 5 dated 9 September 2016 is now superseded and must be withdrawn from use.		
Aus 609 (Edition 2)	South Pacific Ocean - Norfolk Island Plans: Cascade Bay Sydney Bay Norfolk and Phillip Islands	1:7 500 1:7 500 1:37 500	14 June 2019	New edition with chart rescheme and general updating throughout; including new bathymetric data. Produced with blue contours. Chart Aus 609 Edition 1 dated 5 June 1995 is now superseded and must be withdrawn from use.		
Charts with <i>Chart</i> Aus 509						
<i>Chart</i> Aus 52	drawn without replacement <i>Title</i> Australia - North West Coast - Western Au Entrance Channel to Port Hedland		<i>Scale</i> 1:25 000	<i>Publication Date</i> 24 October 2014		
Admiralty p NP No NP9 & e-NP9 NP14 & e-NP14	ublication <i>Title</i> Admiralty Sailing Directions. Antarctic P Edition) 2019. Admiralty Sailing Directions. Australia P 2 (Fourteenth Edition) 2019.		<i>Date</i> 13/6/2019 20/6/2019	<i>Remarks</i> The Eighth Edition 2014 of NP9 is cancelled. The Thirteenth Edition 2016 of NP14 is cancelled.		

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.

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

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

574	AUSTRALIA - Products - New Charts and New Editions to be published shortly	1
Australian Hyd	rographic Office	

New Char Chart	ts to be published shortly <i>Title</i>	Scale	Expected	Remarks		
NIL			Publication Date			
Now Editi	ons to be published shortly					
Chart	Title	Scale	Expected Publication Date	Remarks		
Aus 50	Australia - North West Coast - Western Australia - Approaches to Broome	1:50 000	28 June 2019	New edition with general updating throughout; including latest bathymetric data.		
Aus 57	Australia - North West Coast - Western Australia - Dampier Archipelago	1:75 000	28 June 2019	New edition with general updating throughout; including latest bathymetric data.		
Aus 112	Australia - West Coast - Western Australia - Approaches to Fremantle	1:37 500	28 June 2019	New edition with general updating throughout; including latest bathymetric data.		
Aus 117	Australia - West Coast - Western Australia - Gage Roads and Cockburn Sound	1:25 000	28 June 2019	New edition with general updating throughout; including latest bathymetric data.		
Aus 267	Australia - East Coast - Queensland - Port of Lucinda Plan:	1:12 500	28 June 2019	New edition with general updating throughout; including latest bathymetric		
	Lucinda Offshore Wharf	1:5 000		data.		
Charts to Chart Aus 83 Edition 1	be withdrawn without replacement in <i>Title</i> Australia - West Coast - Plans in West (Sheet 5)		Scale	Publication Date 18 May 2012		
	Plans: Recruit Bay Easter Group		1:25 000 1:25 000			
Aus 111 Edition 3	Australia - West Coast - Western Aust Careening Bay and Approaches Inset:	ralia -	1:7 500	6 November 2015		
	Sulphur Bay		1:7 500			
Aus 114 Edition 4	Australia - West Coast - Western Austr Kwinana Inset:	ralia -	1:12 500	6 November 2015		
	Kwinana Grain Jetty		1:12 500			
Charts to be withdrawn without replacement in July 2019						
<i>Chart</i> Aus 68 Edition 1	<i>Title</i> Australia - North West Coast - Westerr Approaches to cape Preston Inset:	n Australia -	<i>Scale</i> 1:50 000	Publication Date 8 March 2013		
	Cape Preston		1:10 000			
Aus 739 Edition 3	Australia - North West Coast - Westerr Bedout Islet to Port Hedland	n Australia -	1:150 000	15 January 2010		
Aus 740 Edition 3 14 June 20		n Australia -	1:150 000	15 January 2010		

574	AUSTRALIA - Products - New Charts and New	w Editions to be p	ublished shortly	
	Inset: 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	
575 Australian	AUSTRALIA - Product - Amendment to Austra Hydrographic Office	alian National Tide	e Tables 2019	
ANTT 201	9			
Page 358				
Delete	ALOTAU To Chart Datum AUS 624 NC 13 APR 2	007 0.0		
Page 358				
Insert	ALOTAU To Chart Datum PNG 624 NC 17 MAY 2	2019 0.0		
Page 358				
Delete	ALOTAU To Chart Datum AUS 508 NC 28 MAR 2	2008 0.0		
Page 358				
Insert	ALOTAU To Chart Datum PNG 508 NC 31 MAY 2	2019 0.0		
Page 359				
Amend	BROOME To Chart Datum AUS 51 NE 31 MAY 2	019 0.0		
Page 360				
Delete	DAMPIER To Chart Datum AUS 58 NE 02 DEC 2	016 0.0		
Page 364				
Delete	PORT HEDLAND To Chart Datum AUS 52 NE 24	OCT 2014 0.0		
576 Australian	AUSTRALIA - TASMAN SEA - Norfolk Island - Hydrographic Office	Depths; chart lim	its	
Aus 4602 Insert	(INT 602) [466/2019] accompanying block		29° 24'.0 S	168° 27'.0 E
577 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Taylors Bay - Depths; wrecks; ZOC diagram Port Authority of New South Wales				
Aus 200 [Replace	420/2019] wreck depth, 15 ₂ m, with wreck depth, 16 ₂ m		33° 51'.28 S	151° 14'.93 E
Aus 201 [Insert	375/2019] accompanying ZOC diagram accompanying block		33° 49'.9 S 33° 50'.9 S	151° 14'.8 E 151° 15'.0 E
Aus 202 [Insert	375/2019] accompanying ZOC diagram accompanying block		33° 50'.2 S 33° 50'.9 S	151° 14'.7 E 151° 14'.9 E

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578 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point Marina - Beacon Maritime Safety Queensland

Aus 253 [154/2019]				
Insert	beacon with special topmark	20° 16'.046 S	148° 42'.412 E	
Delete	beacon	20° 16'.10 S	148° 42'.41 E	
Aus 269 (A Insert	9 (Airlie Beach) [6/2019] beacon with special topmark	20° 16'.046 S	148° 42'.412 E	
Delete	beacon	20° 16'.10 S	148° 42'.41 E	
Aus 269 (A Insert	9 (Airlie Beach) [6/2019] beacon with special topmark	20° 16'.046 S	148° 42'.412	

AUSTRALIA - QUEENSLAND - Brisbane River - Navaids 579 Maritime Safety Queensland Notice 252/2019

Aus 236 [4 Insert	169/2019] light beacon, Q.Bu (F Day)	27° 23'.60 S	153° 09'.08 E
Amend	light to Q.Bu & LFI.10s	27° 15'.8 S	153° 14'.5 E
Delete	light	27° 23'.7 S	153° 09'.0 E
Aus 237 [5 Insert	519/2019] light beacon, Q.Bu (F Day) No1F	27° 23'.597 S	153° 09'.076 E
Delete	light	27° 23'.68 S	153° 09'.02 E

AUSTRALIA - QUEENSLAND - Great Barrier Reef - Lagoon Reef to Martha Ridgeway Reef - Depths; reef 580 LADS Flight

Aus 836 [1	004/2018]		
Insert	depth, $12_{2}m$, semi enclosed by contour to NW	12° 13'.16 S	143° 50'.68 E
	depth, $7_4 m$, enclosed by contour	12° 14'.59 S	143° 54'.53 E
	depth, $9_7 m$, enclosed by contour	12° 20'.04 S	143° 50'.90 E
	depth, 7_1m , enclosed by contour	12° 21'.31 S	143° 48'.71 E
Move	reef, centred on to	12° 11'.5 S 12° 11'.64 S	143° 46'.8 E 143° 46'.85 E
Delete	depth, 34m	12° 21'.4 S	143° 48'.8 E

581 AUSTRALIA - QUEENSLAND - Moreton Bay - Pearl Channel - Depths

Maritime Safety Queensland

Aus 236 [579/2019]				
Insert	depth, 1 ₈ m, enclosed by contour	27° 08'.11 S	153° 16'.96 E	
	depth, $1_{g}m$, enclosed by contour	27° 08'.98 S	153° 16'.10 E	
	depth, 1_5m , and extend contour S to enclose	27° 09'.53 S	153° 15'.07 E	
	depth, 4_4m , enclosed by contour	27° 09'.67 S	153° 14'.74 E	

582 AUSTRALIA - CORAL SEA - Portlock Reefs - Depths; rocks

LADS Flight

Aus 377 [530/2019]				
Insert	depth, 7_2m , enclosed by contour	9° 30'.12 S	144° 49'.43 E	
	depth, <i>4m,</i> enclosed by contour underwater rock, enclosed by danger circle, with legend (1 ₈)	9° 30'.88 S 9° 34'.42 S	144° 48'.63 E 144° 44'.42 E	
	rock which covers and uncovers depth, <i>10m,</i> enclosed by contour	9° 35'.41 S 9° 42'.43 S	144° 43'.70 E 144° 52'.34 E	

583 AUSTRALIA - CORAL SEA - Saumarez Reefs - Depths LADS Flight

Aus 490 [272/2079] 153' 45' 92 E Insert depth, 17., and extend contour S to enclose 21' 40' 94 S 153' 45' 92 E depth, 97., and extend contour S to enclose 21' 40' 94 S 153' 45' 92 E depth, 97., and extend contour 21' 40' 98 S 153' 35' 92 E Delete depth, 97., and extend contour 21' 40' 98 S 153' 35' 92 E Delete depth, 17., and extend contour 21' 40' 98 S 153' 35' 92 E Aus 512 (Saumarz Refs) [50/2017] 21' 40' 98 S 153' 45' 92 E Insert depth, 15., m. enclosed by contour 21' 40' 98 S 153' 45' 92 E depth, 16., m., enclosed by contour 21' 40' 98 S 153' 45' 92 E depth, 17., m. enclosed by contour 21' 40' 98 S 153' 45' 02 E depth, 97., enclosed by contour 21' 40' 98 S 153' 38' 97 E depth, 97., enclosed by contour 21' 56':16 S 153' 38':95 E Replace depth, 17., m., enclosed by contour 21' 56':12 S 153' 38':95 E Replace depth, 97., enclosed by contour 21' 40':7 S 153' 39':0 E Replace depth, 97., enclosed by contour 21' 40	- 0			
depth. J.T., enclosed by contour 21* 42' 23 153' 45'7 E depth. B., m. enclosed by contour 21* 40' 68 153' 38' 75' E Delete depth. J.T., m 21* 61' 16 153' 45' 6 E Aus 612 (Saumarez Reofs) [50/2017] 21* 41' 0 S 153' 45' 6 E Insert depth. 17, m. enclosed by contour 21* 41' 0 S 153' 45' 9 2 E depth. J.T., enclosed by contour 21* 41' 0 S 153' 45' 9 2 E depth. J.S., m. enclosed by contour 21* 40' 94 S 153' 45' 9 2 E depth. J.Z., m. enclosed by contour 21* 40' 94 S 153' 45' 9 2 E depth. J.Z., m. enclosed by contour 21* 40' 94 S 153' 45' 0 E depth. B., m. enclosed by contour 21* 40' 95 S 153' 34' 80 E Replace depth. J.Z., m. with depth. B, m 21* 56' 30 S 153' 34' 80 E Aus 4621 (INT 631) [532/2019] 153' 45' 0 E 153' 39' 0 E 153' 39' 0 E Replace depth. 9.m. enclosed by contour 21* 40' 7 S 153' 39' 0 E Replace depth. 9.m. enclosed by contour 21* 40' 7 S 153' 39' 0 E Replace depth. 9.m. enclosed by contour 21* 40' 7 S 153' 39' 0 E Stat for 65) [206	Aus 490 [2	212/2019]		
depth, 9m, enclosed by contour 21* 49/08 g 153* 39/97 E Delete depth, 8m, enclosed by contour 21* 66/16 S 153* 34/85 E Delete depth, 17m 21* 66/25 S 153* 34/85 E Aus 612 (Saumarez Reefs) [50/2017] 11* 01* 05 153* 45/92 E 153* 45/92 E Insert depth, 17m, enclosed by contour 21* 40/08 S 153* 45/92 E depth, 9m, enclosed by contour 21* 40/08 S 153* 45/92 E depth, 17m, enclosed by contour 21* 40/08 S 153* 45/92 E depth, 9m, enclosed by contour 21* 40/08 S 153* 45/92 E depth, 9m, enclosed by contour 21* 40/08 S 153* 45/92 E depth, 9m, enclosed by contour 21* 40/08 S 153* 45/92 E depth, 9m, enclosed by contour 21* 66/18 S 153* 34/95 E Aus 4621 (INT 621) [522/2019] 153* 45/92 E 153* 39/92 E Replace depth, 9m, enclosed by contour 21* 49/7 S 153* 39/92 E Aus 4635 (INT 635) [206/2019] 11* 08* 55 153* 39/92 E Insert depth, 9m, enclosed by contour 21* 49/7 S 153* 39/92 E S	Insert	depth, 15,m, and extend contour S to enclose	21° 40'.94 S	153° 45'.92 E
depth, 8, m, enclosed by contour 21° 56'.16 S 153° 34'.85 E Delete depth, 17, m 21° 56'.16 S 153° 44'.6 E Aus 612 (Saumarez Roefs) [50/2017] 153° 45'.6 E 153° 45'.92 E Insert depth, 17, m, enclosed by contour 21° 4'.0'.94 S 153° 45'.92 E depth, 17, m, enclosed by contour 21° 4'.0'.94 S 153° 45'.92 E depth, 17, m, enclosed by contour 21° 4'.9'.96 S 153° 3'.97 E depth, 8, m, enclosed by contour 21° 4'.96 S 153° 3'.97 E depth, 8, m, enclosed by contour 21° 56'.2 S 153° 3'.97 E depth, 8, m, enclosed by contour 21° 56'.2 S 153° 3'.97 E depth, 9, m, enclosed by contour 21° 56'.2 S 153° 3'.97 E Replace depth, 12, m, with depth, 8, m 21° 56'.2 S 153° 3'.97 E Replace depth, 9, m, enclosed by contour 21° 49'.7 S 153° 3'.97 E Replace depth, 9, m, enclosed by contour 21° 49'.7 S 153° 39'.0 E Replace depth, 9, m, enclosed by contour 21° 49'.7 S 153° 39'.0 E Aus 4635 (INT 635) [206/2019] 151° 49'.5 E Aus 463			21° 42'.32 S	
Delete depth, 12m depth, 17,m 21° 410 S 21° 562 S 153° 457 E 153° 457 E 153° 457 E Aus 612 (Saumarez Reefs) [50/2017] Insert depth, 13,m, enclosed by contour depth, 3m, enclosed by contour depth, 3m, enclosed by contour depth, 8m, enclosed by contour depth, 8m, enclosed by contour 21° 407.94 S 153° 4570 E Replace depth, 12m, with depth 8m 21° 567.30 S 153° 4577 E Aus 4621 (INT 621) [532/2019] Insert depth, 9m, enclosed by contour 21° 467.85 153° 367.92 E Replace depth, 9m, enclosed by contour 21° 467.08 S 153° 367.92 E Aus 4621 (INT 621) [532/2019] Insert depth, 9m, enclosed by contour 21° 477.8 S 153° 370.0 E Replace depth, 9m, enclosed by contour 21° 477.8 S 153° 370.0 E Replace depth, 9m, enclosed by contour 21° 477.8 S 153° 370.0 E Replace depth, 9m, enclosed by contour 21° 497.7 S 153° 370.0 E Replace depth, 9m, enclosed by contour 21° 497.7 S 153° 397.0 E Aus 435 (INT 635) [206/2019] Insert depth, 9m, enclosed by contour 21° 497.7 S 153° 457.6 E S42 PAPUA NEW GUINEA - Long Reef - Chart name Aus 513 [532/2017] 1				
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UKHO PNG 508 [584/2019]	505			
PNG 508 [584/2019]		PAPUA NEW GUINEA - NUAKATA ISIANO - BEARING		
Amend legend to 176°-356° 10° 16'.4 S 150° 59'.1 E				
	Amend	legend to 176°-356°	10° 16'.4 S	150° 59'.1 E

586 AUSTRALIA - TORRES STRAIT - Great North East Channel - Tidal stream UKHO			
Aus 839 [<i>5</i> Replace	36/2019] magenta legend B, with magenta legend, D	10° 15'.0 S	142° 59'.6 E
587 Department	AUSTRALIA - NORTHERN TERRITORY - Darwin - Middle Passage - De of Infrastructure, Planning and Logistics NT	epwater route	
Aus 25 [47 Insert	4/2019] magenta legend, 137° - 317° magenta legend, 149° - 329°	12° 20'.02 S 12° 22'.67 S	130° 42'.54 E 130° 44'.52 E
Amend	legend to <i>DW</i> legend to <i>DW</i>	12° 20'.51 S 12° 22'.19 S	130° 42'.96 E 130° 44'.18 E
Aus 722 [3 Amend	25/2019] legend to DW	12° 22'.2 S	130° 44'.2 E
588 HMAS Bena	AUSTRALIA - WESTERN AUSTRALIA - Bigge Island - Depths alla and HMAS Shepparton		
Aus 37 [<i>NE</i> Insert	<i>29/6/2018</i>] depth, <i>9_gm,</i> enclosed by contour	14° 44'.01 S	124° 59'.92 E
Aus 320 [/\ Insert	$\begin{array}{l} \textit{IE 24/8/2018}]\\ \textit{depth, 9}_{2}\textit{m}, \textit{enclosed by contour}\\ \textit{depth, 19m, enclosed by contour}\\ \textit{depth, 11m, enclosed by contour}\\ \textit{depth, 17}_{8}\textit{m}, \textit{enclosed by contour}\\ \textit{depth, 9}_{9}\textit{m}, \textit{enclosed by contour}\\ \end{array}$	14° 30'.81 S 14° 33'.56 S 14° 37'.81 S 14° 42'.17 S 14° 44'.01 S	125° 03'.95 E 125° 01'.33 E 125° 00'.88 E 125° 02'.75 E 124° 59'.92 E
Replace	depth, 10_1 m, with depth, 3_3m	14° 38'.2 S	125° 01'.4 E
Delete	depth, 21 ₃ m	14° 42'.2 S	125° 02'.7 E
Aus 729 [Λ Insert	$\begin{array}{l} \textit{IE 10/8/2018} \\ \textit{depth, 9}_{2}\textit{m}, \textit{enclosed by contour} \\ \textit{depth, 19m, enclosed by contour} \\ \textit{depth, 11m, enclosed by contour} \\ \textit{depth, 4}_{\textit{s}}\textit{m}, \textit{enclosed by contour} \\ \textit{depth, 17}_{\textit{s}}\textit{m}, \textit{enclosed by contour} \\ \textit{depth, 9}_{\textit{g}}\textit{m}, \textit{enclosed by contour} \\ \textit{depth, 9}_{m} depth,$	14° 30'.81 S 14° 33'.56 S 14° 37'.81 S 14° 39'.35 S 14° 42'.17 S 14° 44'.01 S	125° 03'.95 E 125° 01'.33 E 125° 00'.88 E 125° 02'.10 E 125° 02'.75 E 124° 59'.92 E
Replace	depth, 10_1 m, with depth, 3_3m	14° 38'.2 S	125° 01'.4 E
Delete	depth, 26 ₆ m, and enclosing contour depth, 30 ₅ m	14° 33'.7 S 14° 44'.0 S	125° 01'.2 E 124° 59'.9 E
Aus 730 [/\ Insert	<i>IE 10/8/2018</i>] depth, <i>9₉m,</i> enclosed by contour	14° 44'.01 S	124° 59'.92 E
Delete	depth, 30 ₅ m	14° 44'.0 S	124° 59'.9 E

589 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Mooring buoy northwestwards Former Notice - 420(T)/2018 is cancelled Go Offshore				
Aus 319 [<i>1</i> Insert	076/2018] lit yellow cylindrical mooring buoy, <i>Fl.5s</i>	14° 01'.19 S	123° 17'.23 E	
Aus 320 [5 Insert	88/2019] lit yellow cylindrical mooring buoy, <i>Fl.5s</i>	14° 01'.19 S	123° 17'.23 E	
590 Australian I	AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Chart limits Hydrographic Office			
Aus 53 [21 Insert	9/2019] magenta limits, with legend Aus 54 in NW corner, between	20° 19'.90 S 20° 16'.00 S 20° 16'.00 S 20° 19'.90 S	118° 33'.38 E 118° 33'.38 E 118° 36'.20 E 118° 36'.20 E	
	magenta legend, ENC (see Note) magenta legend, ENC (see Note) magenta legend, ENC (see Note) accompanying block accompanying note	19° 56'.1 S 20° 05'.6 S 20° 13'.3 S 20° 14'.7 S 20° 18'.0 S	118° 27'.8 E 118° 27'.6 E 118° 32'.4 E 118° 21'.5 E 118° 25'.4 E	
Delete	magenta limits, with legend Aus 52, centred on	20° 12'.0 S	118° 34'.0 E	
591 AUSTRALIA - WESTERN AUSTRALIA - Torbay - Light buoy moved Department of Transport WA				
Aus 118 [<i>1</i> Move	59/2019] light buoy to	35° 04'.0 S 35° 04'.26 S	117° 46'.6 E 117° 46'.50 E	
592 AUSTRALIA - TASMANIA - Port Arthur - Marine farms; infrastructure Australian Hydrographic Office				
Aus 174 (F Insert	Port Arthur) [433/2019] accompanying block	43° 08'.0 S	147° 50'.5 E	

Cancel this notice on receipt.

Chart formerly affected - Aus 191 - Aus 489 - Aus 808 - Aus 4643 (INT 643)

594(T)/2019 AUSTRALIA - QUEENSLAND - Boyne River - Obstruction

Maritime Safety Queensland Notice 250(T)/2019

An obstruction marked by a special light buoy, FI.Y, exists in position 23° 55'.74 S 151° 21'.43 E.

Chart temporarily affected - Aus 246

595(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Harbour works Maritime Safety Queensland Notice 264(T)/2019

Harbour works are in progress in the vicinity of position 27° 28'.38 S 153° 02'.04 E.

Barges are on site and silt curtains have been established.

The boundary of the work 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

596(P)/2019 AUSTRALIA - QUEENSLAND - Bunbury - Koombana Bay - Shoaling Exodus Hydrographic Surveys

Latest surveys show shoaler soundings than those charted exist in Koombana Bay with a least depth of 8.1m (33° 18'.12 S 115° 39'.20 E) and the 10m contour extending North to 33° 17'.96 S 115° 39'.16 E.

Mariners are advised to navigate with caution in the area.

Chart which will be affected - Aus 115

597(T)/2019 AUSTRALIA - QUEENSLAND - Freshwater Point to Slade Islet - Scientific Instruments Former Notice - 172(T)/2019 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 249 - Aus 250

598(T)/2019 AUSTRALIA - QUEENSLAND - Great Palm Island to Mourilyan Harbour - Military exercise Department of Defence

A military exercise will be conducted between Great Palm Island (18° 44'.0 S 146° 36'.0 E), Ellison Reef (17° 44'.0 S 146° 24'.0 E) and Mourilyan Harbour (17° 36'.0 S 146° 08'.0 E) during the period 24 June to 4 July 2019.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 258 - Aus 259 - Aus 267 - Aus 827 - Aus 828 - Aus 829

599(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Cable laying operations complete *Former Notice -* 468(T)/2017 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

14 June 2019

600(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoy recovered Former Notice - 1122(T)/2016 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 235 - Aus 236

601(T)/2019 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Maritime Safety Queensland Notice 239(T)/2019

Live firing will be conducted in the Shoalwater Bay training area during the period 23 June to 27 July 2019.

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

22° 46'.20 S 150° 48'.51 E 22° 46'.87 S 150° 53'.01 E 22° 40'.48 S 150° 55'.05 E 22° 39'.85 S 150° 54'.71 E 150° 49'.71 E 22° 29'.13 S 22° 19'.92 S 150° 45'.05 E 22° 16'.19 S 150° 39'.47 E 22° 15'.28 S 150° 38'.10 E 22° 10'.02 S 150° 30'.06 E 22° 14'.76 S 150° 20'.31 E 22° 14'.92 S 150° 20'.06 E 22° 16'.94 S 150° 12'.07 E 22° 20'.35 S 150° 12'.00 E 22° 21'.20 S 150° 10'.52 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 Island Head Creek and Port Clinton both by approval from Department of Defence after contacting Coast Guard.

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

Chart temporarily affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 820 - Aus 822

602(T)/2019 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations completed Former Notice - 444(T)/2019 is cancelled Maritime Safety Queensland Notice 185(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 256 - Aus 257

603(T)/2019 AUSTRALIA - QUEENSLAND - Weipa - Albatross Bay - Scientific instruments Maritime Safety Queensland Notice 242(T)/2019

Special light buoys, *FI*.Y.6s, exist in the following positions: 12° 40'.10 S 141° 50'.77 E 12° 42'.09 S 141° 52'.00 E 12° 40'.42 S 141° 46'.62 E.

Chart temporarily affected - Aus 4

604(T)/2019 AUSTRALIA - QUEENSLAND - Weipa - Albatross Bay - Scientific instruments recovered *Former Notice* - 255(T)/2018 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 4 - Aus 301 - Aus 701

605(T)/2019 AUSTRALIA - QUEENSLAND - Weipa to Amrun Wharf - Dredging operations

Maritime Safety Queensland Notice 256(T)/2019, 257(T)/2019

The dredges *Oranje* and *Brisbane* along with support vessels are conducting dredging operations in Port of Weipa (12° 40'.30 S 141° 49'.70 E) and Amrun (12° 55'.50 S 141° 36'.70 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 4

606(T)/2019 PAPUA NEW GUINEA - Cape Ward Hunt - Light relit

Former Notice - 283(T)/2019 is cancelled National Maritime Safety Authority PNG

Cancel this notice on receipt.

Chart formerly affected - Aus 521 - Aus 522 - Aus 4603 (INT 603) - Aus 4604 (INT 604) - Aus 4620 (INT 620) - Aus 4621 (INT 621) - Aus 4622 (INT 622)

607(T)/2019 PAPUA NEW GUINEA - Vabukori - Light relit Former Notice - 246(T)/2019 is cancelled

National Maritime Safety Authority PNG

Cancel this notice on receipt.

Chart formerly affected - Aus 379 - Aus 505 - Aus 621

608(T)/2019 PAPUA NEW GUINEA - Veale Reef - Light relit

Former Notice - 449(T)/2019 is cancelled National Maritime Safety Authority PNG

Cancel this notice on receipt.

Chart formerly affected - Aus 519 - PNG 520

609(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Preston Point - Light beacon relit Former Notice - 398(T)/2019 is cancelled Department of Infrastructure, Planning and Logistics NT Notice 41(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 26 - Aus 28

610(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light beacon restored *Former Notice* - 350(T)/2019 is cancelled Department of Infrastructure, Planning and Logistics NT Notice 40(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 28

611(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Port Darwin - Fort Point - Harbour works Department of Infrastructure, Planning and Logistics NT Notice 47(T)/2019

Foreshore works will be undertaken at the seawall adjacent to Fort Hill Wharf in an area bounded by the following positions: 12° 28'.31 S 130° 50'.66 E 12° 28'.30 S 130° 50'.59 E 12° 28'.19 S 130° 50'.54 E 12° 28'.18 S 130° 50'.58 E.

The works area will be contained by a silt curtain marked by special light buoys, FI.Y.5s, and pink spherical buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 24 - Aus 28

612(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Mooring buoys northwestwards Former Notice - 400(T)/2019 is cancelled Deep Sea Mooring

8 lit yellow mooring buoys, FI.3s, exist within 1.6M radius of 20° 24'.49 S 114° 50'.95 E.

Chart temporarily affected - Aus 328

613(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islets - Drill rig northwestwards MODU Noble Tom Prosser

Drill Rig Noble Tom Prosser is conducting drilling operations in position 18° 58'.07 S 118° 50'.85 E.

Chart temporarily affected - Aus 325 - Aus 326 - Aus 739 - Aus 4722 (INT 722)

614(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islets - Drill rig northwestwards moved Former Notice - 401(T)/2019 is cancelled MODU Noble Tom Prosser

Cancel this notice on receipt.

Chart formerly affected - Aus 326 - Aus 739 - Aus 4722 (INT 722)

615(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Broome - Light beacon removed Former Notice - 560(T)/2019 is cancelled

Kimberley Ports Authority Notice 6/2019, Notice 17/2019

A special light buoy, FI(3)Y.5s exists in position 18° 00'.59 S 122° 12'.97 E.

An exclusion zone of 150m exists. Mariners are requested to contact Broome Port on VHF Ch 14 if there is a need to enter the exclusion zone.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 50 - Aus 51

616(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards Former Notice - 499(T)/2019 is cancelled MODU ENSCO 5006

Drill rig ENSCO 5006 is conducting drilling operations in position 13° 51'.69 S 123° 16'.37 E.

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

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

Cancel this notice on receipt.

Chart formerly affected - Aus 335 - Aus 755 - Aus 756 - Aus 4725 (INT 725) - Aus 4726 (INT 726)

618(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Obstruction removed *Former Notice* - 271(T)/2013 is cancelled Pilbara Ports Authority

Cancel this notice on receipt.

Chart formerly affected - Aus 57 - Aus 741 - Aus 742

619(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Scientific instruments recovered *Former Notice* - 216(T)/2016 is cancelled Pilbara Ports Authority

Cancel this notice on receipt.

Chart formerly affected - Aus 58 - Aus 59 - Aus 60

620(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Survey operations completed Former Notice - 502(T)/2019 is cancelled Department of Transport WA

Cancel this notice on receipt.

Chart formerly affected - Aus 119

621(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Scientific instruments northwestwards *Former Notice* - 38(T)/2019 is cancelled RPS Group

Scientific instruments exist as follows:

Scientine instruments exist as ionows.	
Position	Remarks
19° 45'.77 S 114° 29'.02 E	1344m below surface
19° 46'.78 S 114° 56'.04 E	1281m below surface
19° 48'.92 S 114° 38'.46 E	200m below surface
19° 49'.90 S 114° 38'.11 E	745m below surface
19° 51'.50 S 115° 08'.21 E	1023m below surface
19° 52'.88 S 115° 10'.08 E	567m below surface
19° 53'.49 S 115° 11'.29 E	291m below surface
19° 54'.10 S 115° 12'.20 E	242m below surface
19° 54'.85 S 115° 12'.66 E	221m below surface
19° 55'.35 S 115° 12'.74 E	211m below surface
19° 55'.44 S 113° 10'.91 E	16m below surface
19° 56'.11 S 115° 13'.23 E	9m below surface
19° 56'.15 S 113° 44'.08 E	1102m below surface
19° 59'.44 S 115° 14'.52 E	266m below surface
20° 01'.66 S 115° 17'.26 E	87m below surface
20° 03'.39 S 115° 25'.55 E	60m below surface

Chart temporarily affected - Aus 327 - Aus 328 - Aus 4723 (INT 723)

622(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Harbour works

Pilbara Ports Authority Notice PH 15(T)/2018

Works associated with the removal and replacement of channel markers is in progress between 20° 10'.38 S 118° 30'.56 E and 20° 18'.70 S 118° 34'.33 E.

Vessels will monitor VHF Ch 12 & Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 53

623(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging operations

Pilbara Ports Authority Notice PH 11(T)/2019

The dredge *Juan Sebastian De Elcano* and support vessels *Renegade, Amplitude* and *Seabus* are conducting dredging operations in the inner harbour, shipping channel, areas adjacent to the shipping channel and designated spoil grounds.

Vessels will display appropriate lights and shapes and will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 53 - Aus 54

624(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Harbour works *Former Notice* - 586(T)/2018 is cancelled Pilbara Ports Authority Notice PH 15(T)/2018

Cancel this notice on receipt.

Chart formerly affected - Aus 52 - Aus 53

625(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredging operations *Former Notice* - 567(T)/2019 is cancelled Pilbara Ports Authority Notice PH 11(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 52 - Aus 53 - Aus 54

626(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments Pilbara Ports Authority Notice PH 4(T)/2019

Subsurface scientific instruments marked by special light buoys, *Fl.3s*, exist in the following positions: 20° 02'.26 S 118° 22'.64 E 20° 09'.20 S 118° 38'.10 E 20° 10'.43 S 118° 33'.99 E 20° 10'.43 S 118° 28'.87 E.

Chart temporarily affected - Aus 53

627(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments *Former Notice* - 357(T)/2019 is cancelled Pilbara Ports Authority Notice PH 4(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 52 - Aus 53

628(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments Pilbara Ports Authority Notice PH 26(T)/2018, PH 6(T)/2019

Scientific instruments marked by orange buoys exist in the following positions: 20° 17'.96 S 118° 35'.19 E 20° 18'.05 S 118° 35'.09 E 20° 18'.07 S 118° 35'.08 E 20° 18'.16 S 118° 35'.23 E 20° 18'.17 S 118° 35'.07 E.

Chart temporarily affected - Aus 53 - Aus 54

629(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments *Former Notice* - 359(T)/2019 is cancelled Pilbara Ports Authority Notice PH 26(T)/2018, PH 6(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 52 - Aus 53 - Aus 54

630(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Sandringham - Light beacon unlit Parks Victoria Notice 121(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

631(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Anonyma Shoal - Light beacon unlit Parks Victoria Notice 122(T)/2019

The east cardinal light beacon, VQ(3)5s (37° 57'.50 S 144° 59'.45 E) is unlit.

Chart temporarily affected - Aus 143 - Aus 155

632(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - South Wharf - Diving and harbour works completed

Former Notice - 1050(T)/2018 is cancelled Victorian Ports Corporation (Melbourne) Notice 115(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 154

633(T)/2019 AUSTRALIA - VICTORIA - Torquay - Fish aggregating devices recovered *Former Notice* - 45(T)/2019 is cancelled Maritime Safety Victoria Notice 120(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 143 - Aus 788

634(T)/2019 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Gordon - Wreck salvaged Former Notice - 461(T)/2019 is cancelled Marine and Safety Tasmania Notice 78/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 173

Demolition works are in progress in the vicinity of position 42° 52'.62 S 147° 20'.47 E.

A silt curtain marked by lights, Fl.3s, has been established around the works.

The light, *3F.R (vert)* (42° 52'.61 S 147° 20'.47 E) has been temporarily withdrawn.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

636(T)/2019 AUSTRALIA - TASMANIA - Prince of Wales Bay - Moored vessel Marine and Safety Tasmania Notice M113/2019

Vessel Volcan de Tagoro is moored in the vicinity of position 42° 49'.57 S 147° 18'.57 E.

The vessel is secured by high tension lines which are marked by orange buoys. Mariners are advised not to transit between the buoys and the vessel and to keep 100m clear of the vessel.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

637(T)/2019 SOLOMON ISLANDS - Florida Islands - Tuituhi Point - Light relit Former Notice - 135(T)/2018 is cancelled Solomon Islands Maritime Safety Administration

Cancel this notice on receipt.

Chart formerly affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 201 - SLB 304

638(T)/2019 SOLOMON ISLANDS - Malaita Island - Maka - Light relit Former Notice - 513(T)/2019 is cancelled Solomon Islands Maritime Safety Administration

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Cancel this notice on receipt.

Chart formerly affected - SLB 305

639(T)/2019 SOLOMON ISLANDS - North West Reef - Light beacon relit Former Notice - 141(T)/2019 is cancelled

Solomon Islands Maritime Safety Administration

Cancel this notice on receipt.

Chart formerly affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 201 - SLB 304

640(T)/2019 SOLOMON ISLANDS - Tawara'o Island - Light unlit Solomon Islands Maritime Safety Administration Notice 4/2018

The light beacon, Fl.10s 10m 10M (9° 49'.39 S 160° 54'.24 E), is unlit.

Chart temporarily affected - Aus 4604 (INT 604) - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 101 - SLB 304 - SLB 305

641(T)/2019 SOLOMON ISLANDS - Tawara'o Island to Taivu Point - Light relit Former Notice - 848(T)/2018 is cancelled Solomon Islands Maritime Safety Administration

Cancel this notice on receipt.

Chart formerly affected - Aus 4623 (INT 623) - Aus 4634 (INT 634) - SLB 101 - SLB 201 - SLB 304 - SLB 305

HYDROGRAPHIC REPORTS

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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