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Edition 23

AUSTRALIAN NOTICES TO MARINERS

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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.
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SUPPLEMENTS.

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- **IV.** Temporary and Preliminary Notices in force.
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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).

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New Electro Cell Name NIL	onic Navigation Chart (Aus ENC) <i>Title</i>		Publication Date	Remarks
New Edition <i>Chart</i> NIL	ns and Withdrawn Charts <i>Title</i>	Scale	Publication Date	Remarks
AusTides 20	020			
AHP No	Title	Recommende retail price (incl GS		
AHP 114	AusTides 2020	\$59.95	AusTides 2020 for AusTides 2020 for AusTides 2020 for Australia Au	Australia, Antarctica, , Solomon Islands and es tidal data for 2019

1183 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts Australian Hydrographic Office

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.

1184 AUSTRALIA - Products - New Charts and New Editions to be published shortly Australian Hydrographic Office

New Chai Chart	rts to be published shortly <i>Title</i>	Scale	Expected	Remarks
	Papua New Guinea - North Coast - Approaches to Port of Basamuk	1:37 500	Publication Date 29 November 2019	Adoption of Papua New Guinea chart numbering.
	Plan: Port of Basamuk	1:5 000		Replaces Aus 645. General updating throughout.
PNG 663	Papua New Guinea - South Pacific Ocean - Hermit Islands	1:50 000	29 November 2019	Adoption of Papua New Guinea chart numbering. Replaces Aus 663. General updating throughout.
PNG 665	Papua New Guinea - New Britain - North Coast - Approaches to Eleonora Bay	1:25 000	29 November 2019	Adoption of Papua New Guinea chart numbering. Replaces Aus 665. General updating throughout.
New Editi Chart	ons to be published shortly <i>Titl</i> e	Scale	Expected	Remarks
Aus 83	Australia - West Coast - Plans in Western Australia (Sheet 5) Plan:		Publication Date 29 November 2019	New edition with general updating throughout; including latest bathymetric
	Recruit Bay Easter Group	1:25 000 1:25 000		data.
Aus 326	Australia - North West Coast - Western Australia - Bedout Islet to Port Walcott Plan:	1:300 000	29 November 2019	New edition with general updating throughout for withdrawal of larger scale
	Depuch Island Anchorage	1:40 000		charts.
Aus 327	Australia - North West Coast - Western Australia - Port Walcott to Montebello Islands	1:300 000	29 November 2019	New edition with general updating throughout for withdrawal of larger scale charts.
	be withdrawn			
<i>Chart</i> Aus 645 Aus 663 Aus 665	<i>Remarks</i> On publication of new chart Pl On publication of new chart Pl On publication of new chart Pl	NG 663		
Charts to	be withdrawn without replacement 29	November	2019	
Chart Aus 739 Edition 3	<i>Title</i> Australia - North West Coast - Westerr Bedout Islet to Port Hedland	n Australia -	<i>Scale</i> 1:150 000	<i>Publication Date</i> 15 January 2010
Aus 740 Edition 3	Australia - North West Coast - Western Port Hedland to Port Walcott Inset:	n Australia -	1:150 000	15 January 2010
	Depuch Island Anchorage		1:20 000	
Aus 741 Edition 3	Australia - North West Coast - Western Approaches to Dampier Archipelago	n Australia -	1:150 000	6 November 2015
Aus 751Australia - West Coast - Western Australia -1:150 00029 June 2012Edition 2Houtman Abrolhos and Geelvink Channel				29 June 2012
Charts w i <i>Chart</i>	thdrawn without replacement 13 Dece Title	mber 2019	Scale	Publication Date
Aus 66	Australia - North West Coast - Western	n Australia -	1:10 000	30 January 2015

1184 Edition 2	AUSTRALIA - Products - New Charts and New Editions to be published shortly Barrow Island - Town Point			
Aus 67 Edition [,]	Australia - North West Coast - Western Australia - Barrow Island - Wapet Landing	1:7 500	2 November 2012	
Charts w Chart Aus 280 Edition s	5 Queensland (Sheet 3) Plans:	Scale	Publication Date 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 3 Mile Opening to Cape Direction	1:75 000	22 February 2019	

1185 AUSTRALIA - Product - AusTides 2019

Australian Hydrographic Service

Follow the link below to update Electronic Tides Tables (AusTides 2019) for Australia, Antarctica, Papua New Guinea, Solomon Islands and Timor-Leste

http://www.hydro.gov.au/prodserv/publications/ausTides/tides-patches.htm

 1186
 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2020

 Australian Hydrographic Office

ANTT 2020

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Amend	PENNEFATHER RIVER To Chart Datum 0.0 to UNK
	CULLEN POINT To Chart Datum 0.5 to UNK

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Amend	WILSON HEAD To Chart Datum 0.0 to UNK
	NORNALUP INLET To Chart Datum 0.0 to UNK
	WINDY HARBOUR To Chart Datum 0.0 to UNK
	CAPE HAMELIN To Chart Datum 0.0 to UNK
	COWARAMUP To Chart Datum 0.0 to UNK

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Delete	ANEWA BAY To Chart Datum AUS 683 NE 26 AUG 2016 SUBTRACT 0.2
Insert	ANEWA BAY To Chart Datum PNG 683 NC 06 SEP 2019 SUBTRACT 0.2
Amend	AMRUN To Chart Datum AUS 301 NE 18 OCT 2019 UNK

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Delete	BUNDABERG To Chart Datum AUS 243 NE 06 JAN 2006 0.0

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Amend DAMPIER To Chart Datum AUS 57 NE 26 JUL 2019 0.0

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Amend GERALDTON To Chart Datum AUS 81 NE 04 OCT 2019 0.0

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Delete	RABAUL To Chart Datum AUS 680 NC 10 JAN 1997 SUBTRACT 0.2
Insert	RABAUL To Chart Datum PNG 680 NC 06 SEP 2019 SUBTRACT 0.2

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Delete	WEIPA To Chart Datum AUS 701 NE 13 FEB 2009 0.0
Amend	WEIPA To Chart Datum AUS 301 NE 18 OCT 2019 UNK

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Amend YAMBA To Chart Datum AUS 222 NE 23 AUG 2019 0.0

1187 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Sydney Harbour - Navaids

Port Authority of New South Wales

Aus 200 [1 Replace	133/2019] lit pile with starboard lateral light beacon, <i>Fl.G.3s</i> , without topmark	33° 50'.54 S	151° 13'.10 E
Aus 202 [<i>1</i> Replace	132/2019] lit pile with starboard lateral light beacon, <i>Fl.G.3s</i> , without topmark	33° 50'.54 S	151° 13'.10 E
Amend	light elevation to 18m	33° 51'.29 S	151° 13'.55 E
Delete	light elevation, 3m beacon structure colour, B	33° 51'.17 S 33° 51'.92 S 33° 52'.06 S	151° 13'.13 E 151° 13'.24 E 151° 13'.67 E

1188 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Longnose Point to Manns Point - Infrastructure; navaids

Port Authority of New South Wales

Port Author	nty of New South Wales		
Aus 202 [2 Insert	1187/2019] accompanying block	33° 50'.4 S	151° 11'.2 E
1189 Ports North	AUSTRALIA - QUEENSLAND - Cairns - Depths		
Aus 262 [9	930/2019]		
Insert	contour, between	16° 54'.754 S 16° 54'.913 S 16° 55'.012 S 16° 55'.023 S	145° 47'.049 E 145° 47'.025 E 145° 47'.010 E 145° 46'.988 E
Delete	contour, between	16° 54'.75 S 16° 55'.02 S	145° 47'.05 E 145° 46'.97 E
Aus 263 [9	930/2019]		
Insert	contour, between	16° 54'.976 S 16° 55'.012 S 16° 55'.023 S	145° 47'.014 E 145° 47'.010 E 145° 46'.988 E
	contour, between	16° 55'.144 S 16° 55'.185 S 16° 55'.239 S 16° 55'.285 S	145° 46'.974 E 145° 46'.975 E 145° 46'.963 E 145° 46'.941 E
	depth, 4 ₈ m	16° 55'.006 S	145° 47'.002 E
	depth, $4_2 m$	16° 55'.213 S	145° 46'.966 E
Delete	contour, between depth, 6 ₉ m	16° 54'.98 S 16° 55'.02 S 16° 55'.18 S	145° 47'.01 E 145° 46'.97 E 145° 46'.97 E
	depth, 6 ₇ m	16° 55'.24 S	145° 46'.96 E

1190 AUSTRALIA - QUEENSLAND - Curtis Island - Beacons Maritime Safety Queensland

Aus 247 [814/2019] Insert triangul	ar daymark, apex down	23° 29'.91 S	150° 59'.30 E
	ar daymark, apex up	23° 29'.904 S	150° 59'.274 E
	ar daymark, apex down	23° 29'.905 S	150° 59'.304 E

1191 LADS Fligh	AUSTRALIA - QUEENSLAND - Great Barrier Reef - Mantis Reef - Dett	epths		
Aus 836 [5 Insert	80/2019] accompanying block	12° 15'.0 S	143° 48'.3 E	
	AUSTRALIA - QUEENSLAND - North Gardner Bank - Wrecks ice - 467(T)/2016 is cancelled afety Queensland			
Aus 816 [<i>5</i> Insert	4/2019] safe clearance depth, 20m, enclosed by danger circle with legend, Wk	24° 55'.33 S	153° 25'.54 E	
1193 Australian M	AUSTRALIA - QUEENSLAND - Point Cartwright - Wreck northeastw Aritime Safety Authority Auscoast Warning 316/2019	vards		
Aus 235 [<i>1</i> Insert	038/2019] safe clearance depth, 30m, enclosed by danger circle with legend, Wk	26° 38'.71 S	153° 24'.72 E	
Aus 815 [<i>1</i> Insert	038/2019] safe clearance depth, 30m, enclosed by danger circle with legend, Wk	26° 38'.71 S	153° 24'.72 E	
Aus 4635 (Insert	INT 635) [1082/2019] safe clearance depth, 30m, enclosed by danger circle with legend, Wk	26° 38'.7 S	153° 24'.7 E	
Delete	depth, 57m	26° 39'.8 S	153° 26'.5 E	
Aus 4643 (Insert	INT 643) [<i>466/2019</i>] safe clearance depth, <i>30m,</i> enclosed by danger circle with legend, <i>Wk</i>	26° 38'.7 S	153° 24'.7 E	
Delete	depth, 50m	26° 39'.9 S	153° 24'.0 E	
1194 Geoscience	AUSTRALIA - NORTHERN TERRITORY - Bathurst Island - Depths w Australia	vestwards		
Aus 309 [8	74/2019]			
Insert	depth, 44m, enclosed by contour	11° 00'.56 S	129° 44'.84 E	
	depth, <i>48m</i> , enclosed by contour depth, <i>19_om</i> , enclosed by contour	11° 21'.15 S 11° 35'.53 S	129° 48'.12 E 129° 47'.21 E	
	depth, 19m, enclosed by contour	11° 37'.21 S	129° 46'.82 E	
	depth, 28_7m , enclosed by contour	11° 40'.44 S	129° 47'.58 E	
Replace	depth, 18 ₁ m, with depth, $13_{e}m$	11° 05'.4 S	129° 44'.9 E	
	depth, 20 m, with depth, $14_{g}m$	11° 19'.3 S	129° 47'.5 E	
	depth, 16_3 m, with depth, 10_1 m	11° 38'.6 S	129° 46'.4 E	
	depth, 44m, with depth, $29_{s}m$, enclosed by contour	11° 42'.0 S	129° 46'.8 E	
Delete	depth, 75m	11° 20'.7 S	129° 47'.8 E	
Aus 310 [8 Insert	74/2019] depth, 44m, enclosed by contour	11° 00'.56 S	129° 44'.84 E	
Replace	depth, 18_1 m, with depth, 13_6 m	11° 05'.4 S	129° 44'.9 E	
Aus 4721 (INT 721) [874/2019]				
Replace	depth, 18 ₁ m, with depth, $13_{b}m$	11° 05'.4 S	129° 44'.9 E	
-	depth, 20_2 m, with depth, 14_9 m	11° 19'.3 S	129° 47'.5 E	
	depth, 16_3^2 m, with depth, 10_1^2 m	11° 38'.6 S	129° 46'.4 E	

1195 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light withdrawn Department of Infrastructure, Planning and Logistics NT Notice 72(T)/2019

Aus 25 [775/2019] Delete light	12° 29'.2 S	130° 52'.6 E
Aus 26 [474/2019] Delete light	12° 29'.2 S	130° 52'.6 E
Aus 28 [873/2019]		
Delete light	12° 29'.2 S	130° 52'.6 E
1196AUSTRALIA - NORTHERN TERRITORY - Darwin - Cullen Bay - BeaconDepartment of Infrastructure, Planning and Logistics NTNotice 76/2019		
Aus 24 [873/2019]		
Delete beacon	12° 27'.05 S	130° 48'.90 E
1197 AUSTRALIA - NORTHERN TERRITORY - Melville Island - Depths northy Geoscience Australia	vestwards	
Aus 309 [1194/2019]		
Insert accompanying block	10° 41'.0 S	129° 30'.0 E
Aus 310 [1194/2019] Insert accompanying block		
AUSTRALIA - WESTERN AUSTRALIA - Broome - Depths; navaids Precision Hydrographic Services		
Aus 50 [1145/2019]		
Insert accompanying block	18° 00'.5 S	122° 13'.7 E
1199 AUSTRALIA - WESTERN AUSTRALIA - Cape Leveque - Depths northwo Geoscience Australia	estwards	
Aus 4722 (INT 722) [874/2019]		
Insert depth, 50m	15° 50'.1 S	121° 03'.9 E
Delete depth, 55m	15° 49'.3 S	121° 05'.1 E
1200AUSTRALIA - WESTERN AUSTRALIA - Isthmus Bay - DepthsLADS Flight		
Aus 110 [650/2019]		
Insert accompanying block A accompanying block B	35° 07'.3 S 35° 07'.3 S	117° 57'.0 E 117° 59'.9 E
1201 AUSTRALIA - WESTERN AUSTRALIA - Ledge Point to Cape Leschenau Australian Hydrographic Office	ılt - Lights	
Aus 754 [268/2019]		
Amend light range to 10M	31° 06'.8 S	115° 22'.8 E

1202 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Mooring buoy		
Department of Transport WA		
Aus 64 [1147/2019] Replace mooring buoy with yellow conical mooring buoy	21° 37'.0 S	115° 07'.0 E
Aus 69 (Onslow) [1147/2019] Replace mooring buoy with yellow conical mooring buoy	21° 37'.04 S	115° 06'.98 E
Aus 743 [1088/2019]Replacemooring buoy with yellow conical mooring buoy	21° 37'.0 S	115° 07'.0 E
1203 AUSTRALIA - WESTERN AUSTRALIA - Sir Graham Moore Islands - Australian Hydrographic Office	Depth	
Aus 318 [$859/2018$]Insertdepth, 1_2m , enclosed by contour	13° 50'.25 S	126° 38'.18 E
Aus 727 [$387/2016$]Insertdepth, 1_2m , enclosed by contour	13° 50'.25 S	126° 38'.18 E
1204 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Light bu Department of Transport WA	oy withdrawn	
Aus 743 [1202/2019]	248 241 6 6	
Delete light buoy	21° 24'.6 S	114° 56'.4 E
Aus 744 [430/2019] Delete light buoy	21° 24'.6 S	114° 56'.4 E
1205 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Overhead power Hydro Survey Hydro Survey	er cables	
Aus 130 [705/2019]		
Amend safe vertical clearance to 55m safe vertical clearance to 47m	34° 46'.87 S 34° 48'.23 S	138° 30'.95 E 138° 30'.77 E
safe vertical clearance to 50m	34° 49'.49 S	138° 30'.55 E
Aus 137 [1092/2019]		
Amend safe vertical clearance to 55m safe vertical clearance to 47m	34° 46'.90 S 34° 48'.25 S	138° 30'.96 E 138° 30'.80 E
safe vertical clearance to 50m	34° 49'.47 S	138° 30'.61 E
1206 AUSTRALIA - VICTORIA - Apollo Bay - Light buoy Maritime Safety Victoria Notice 275(T)/2019		
Aus 141 (Apollo Bay) [829/2019] Insert special conical light buoy, <i>Fl.Y.2·5s</i> , without topmark	38° 45'.250 S	143° 43'.392 E
Aus 788 [944/2019] Insert special conical light buoy, <i>FI.Y.2·5s</i> , without topmark	38° 45'.25 S	143° 43'.39 E

1207 AUSTRALIA - VICTORIA - Lorne to Torquay - Fish aggregating devices

Victorian Fi	sheries Authority		
Aus 143 [9 Insert	45/2019] out of position special conical light buoy, <i>Fl.Y.5s (Dec-Apr)</i> , with topmark	38° 20'.08 S	144° 22'.35 E
Aus 788 [<i>1</i> Insert	206/2019] out of position special conical light buoy, <i>Fl.Y.5s (Dec-Apr)</i> , with topmark	38° 20'.08 S	144° 22'.35 E
	special conical light buoy, <i>FI.Y.5s (Dec-Apr)</i> , with topmark out of position special conical light buoy, <i>FI.Y.5s (Dec-Apr)</i> , with topmark	38° 29'.14 S 38° 32'.26 S	144° 09'.73 E 144° 01'.94 E
1208 Gippsland F	AUSTRALIA - VICTORIA - Port Albert - Light beacons Ports Notice 268/2019		
Aus 182 (A Replace	pproaches to Port Albert) [782/2019] beacon with port lateral light beacon, <i>Q.R No20</i> , with topmark beacon with port lateral light beacon, <i>FI.R.4s No14</i> , with topmark beacon with port lateral light beacon, <i>FI.R.2s No12</i> , with topmark beacon with starboard lateral light beacon, <i>FI.G.2s No5</i> , with topmark	38° 40'.58 S 38° 40'.98 S 38° 41'.17 S 38° 41'.80 S	146° 41'.93 E 146° 41'.57 E 146° 41'.51 E 146° 40'.79 E
Aus 182 (P Replace	fort Albert) [782/2019] beacon with port lateral light beacon, Q.R No20, with topmark beacon with port lateral light beacon, <i>Fl.R.2s No16</i> , with topmark beacon with port lateral light beacon, <i>Fl.R.4s No14</i> , with topmark	38° 40'.58 S 38° 40'.89 S 38° 40'.98 S	146° 41'.93 E 146° 41'.60 E 146° 41'.57 E
1209 Parks Victo	AUSTRALIA - VICTORIA - Port Phillip - Prince George Bank - Light bea ria Notice 258/2019	cons	
Aus 157 [1 Replace	149/2019] beacon with north cardinal light beacon, Q , with topmark beacon with south cardinal light beacon, $Q(6)+LFI.15s$, with topmark beacon with north cardinal light beacon, Q , with topmark beacon with east cardinal light beacon, $Q(3)10s$, with topmark	38° 06'.60 S 38° 06'.75 S 38° 07'.34 S 38° 07'.64 S	144° 42'.69 E 144° 42'.74 E 144° 42'.70 E 144° 43'.00 E
1210 Parks Victo	AUSTRALIA - VICTORIA - Port Phillip - Warmies Channel - Light beaco ria Notice 260/2019	'n	
Aus 154 [9 Replace	46/2019] beacon with starboard lateral light beacon, <i>VQ.G No3</i> , with topmark	37° 51'.06 S	144° 54'.27 E
1211 Victorian Po	AUSTRALIA - VICTORIA - Port Phillip - Entrance Channel - Light buoy; orts Corporation (Melbourne)	AIS	
Aus 143 [<i>1</i> Replace	207/2019] light buoy with special conical light buoy, <i>Fl(5)Y.20s</i> , without topmark	38° 21'.6 S	144° 41'.2 E
Delete	magenta circle with legend, AIS	38° 21'.6 S	144° 41'.2 E
Aus 158 [<i>1</i> Replace	149/2019] light buoy with special conical light buoy, <i>Fl(5)Y.20s</i> , without topmark	38° 21'.60 S	144° 41'.24 E
Delete	magenta circle with legend, AIS	38° 21'.60 S	144° 41'.24 E
Aus 788 [<i>1</i> Replace	207/2019] light buoy with special conical light buoy, <i>Fl(5)Y.20s</i> , without topmark	38° 21'.6 S	144° 41'.2 E
Delete	magenta circle with legend, AIS	38° 21'.6 S	144° 41'.2 E

1212 Australian I	AUSTRALIA - VICTORIA - Port Phillip - Entrance Channel - Wrecks Hydrographic Office		
Aus 349 [9 Insert	943/2019] accompanying block	38° 21'.0 S	144° 27'.0 E
1213 Marine and	AUSTRALIA - TASMANIA - Blackman Bay - Navaids Safety Tasmania Notice M180/2019		
Aus 169 (I Replace	Blackman Bay) [481/2019] light beacon with starboard lateral beacon, <i>No7</i> , with topmark buoy with port lateral pillar light buoy, <i>Q.R No4</i> , with topmark buoy with port lateral beacon, with topmark buoy with starboard lateral beacon, with topmark	42° 50'.77 S 42° 50'.82 S 42° 51'.61 S 42° 53'.95 S	147° 52'.74 E 147° 52'.75 E 147° 52'.23 E 147° 47'.90 E
Delete	buoy	42° 53'.84 S	147° 47'.97 E
Aus 171 [2 Replace	23/2019] buoy with port lateral beacon, with topmark buoy with starboard lateral beacon, with topmark	42° 51'.6 S 42° 53'.9 S	147° 52'.2 E 147° 47'.9 E
Delete	buoy	42° 53'.8 S	147° 48'.0 E
1214 Marine and	AUSTRALIA - TASMANIA - Freycinet Peninsula - Weatherhead Point - Safety Tasmania	Light	
Aus 169 (S Delete	Schouten Passage) [1213/2019] light elevation, 27m	42° 13'.9 S	148° 15'.1 E
Aus 766 [1 Delete	1 <i>67/2019</i>] light elevation, 27m	42° 13'.9 S	148° 15'.1 E

15 November 2019

1215(T)/2019 AUSTRALIA - QUEENSLAND - Brisbane River - Humbug Reach - Harbour works

Maritime Safety Queensland Notice 469(T)/2019

Works associated with repairs of the sea wall are in progress along the north shore in the vicinity of position 27° 28'.48 S 153° 02'.89 E.

Mariners are advised to navigate with in the area.

Chart temporarily affected - Aus 238

1216(T)/2019 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations

Maritime Safety Queensland

Dredging operations are in progress at the naval base (16° 56'.20 S 145° 46'.73 E).

Barges and support vessels are on site and may deploy anchors which may be marked by buoys or lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 263 - Aus 264

1217(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Green Island to Peel Island - Navaid replacement works Maritime Safety Queensland Notice 471(T)/2019

Barges *Todkills Barge*, *Pangala* and *Gosford* and and support vessel *Carl James* are conducting works to replace light beacons in Moreton Bay.

The new beacon structures will be temporarily marked by lights as follows:

Position	Temporary light
27° 26'.43 S 153° 14'.51 E	FI.Y.2.5s
27° 27'.07 S 153° 19'.62 E	Fl.Y.6s
27° 27'.08 S 153° 13'.74 E	Fl.Y.4s
27° 27'.62 S 153° 20'.48 E	Fl.Y.4s
27° 28'.18 S 153° 22'.03 E	Fl.Y.6s
27° 29'.15 S 153° 22'.49 E	FI.Y.2·5s
27° 29'.57 S 153° 22'.88 E	Fl.Y.4s
27° 29'.75 S 153° 22'.73 E	Fl.Y.6s

The vessels will display appropriate lights and shapes and will monitor VHF Ch 13 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

1218(T)/2019 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Light buoys recovered *Former Notice* - 835(T)/2019 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

1219(T)/2019 AUSTRALIA - QUEENSLAND - Rattlesnake Island - Military exercises; live firing Maritime Safety Queensland 475(T)/2019, 476(T)/2019, 486(T)/2019

Military exercises and live firing will be conducted within a 5M radius of position 19° 02'.27 S 146° 36'.43 E on 17 November, 18 November and 25 November 2019.

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

Chart temporarily affected - Aus 256 - Aus 827

1220(T)/2019 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed

Former Notice - 1015(T)/2019 is cancelled Maritime Safety Queensland Notice 371(T)/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 490 - Aus 820 - Aus 822

1221(P)/2019 AUSTRALIA - QUEENSLAND - Skardon River - Shoaling

Precision Hydrographic Services

Latest survey shows shoaler depths than those charted may exist in Skardon River (11° 46'.27 S 141° 57'.94 E).

Mariners are advised to navigate with caution in the area.

Chart will be updated in due course.

Chart which will be affected - Aus 301

1222(T)/2019 PAPUA NEW GUINEA - Isulailai Point - Light beacon relit *Former Notice -* 558(T)/2019 is cancelled

National Maritime Safety Authority PNG Warning 40/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 625 - PNG 508

1223(T)/2019 AUSTRALIA - NORTHERN TERRITORY - Joseph Bonaparte Gulf - Seismic survey northwards Department of Defence

On or about 18 November 2019, MV *Polarcus Asima*, with a 9300m towed array, and support vessels will be conducting a seismic survey in an area bounded by the following positions:

12° 49'.64 S 127° 59'.38 E 13° 28'.43 S 128° 44'.47 E 13° 00'.70 S 129° 09'.84 E 12° 31'.60 S 128° 36'.68 E 12° 31'.81 S 128° 16'.53 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 309 - Aus 315 - Aus 316 - Aus 318 - Aus 4721 (INT 721)

1224(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Ninety Mile Beach - Survey operations Esso Australia Pty Ltd

Vessel *MV Ocean Dynasty* is conducting a geophysical survey in the vicinity of positions 38° 19'.07 S 147° 36'.95 E and 38° 14'.40 S 147° 52'.42 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357 - Aus 487

1225(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Beadon Creek - Dredging operations completed Former Notice - 842(T)/2018 is cancelled

Department of Transport WA

Cancel this notice on receipt.

Chart formerly affected - Aus 69

1226(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instruments recovered *Former Notice* - 845(T)/2019 is cancelled Department of Transport WA

Cancel this notice on receipt.

Chart formerly affected - Aus 55 - Aus 56

1227(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Military exercise completed *Former Notice* - 1120(T)/2019 is cancelled Department of Defence

Cancel this notice on receipt.

Chart formerly affected - Aus 112 - Aus 754 - Aus 4725 (INT 725) - Aus 4726 (INT 726)

1228(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Subsea operations northwestwards completed Former Notice - 1121(T)/2019 is cancelled Santos

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 329 - Aus 742 - Aus 744

1229(T)/2019 AUSTRALIA - WESTERN AUSTRALIA - Trigg Island - Scientific instruments westwards recovered *Former Notice* - 1074(T)/2019 is cancelled RPS Group

Cancel this notice on receipt.

Chart formerly affected - Aus 112

1230(P)/2019 AUSTRALIA - WESTERN AUSTRALIA - Turtle Islands - Uncharted rocks Volunteer Marine Rescue Service Port Hedland

Uncharted rocks have been reported in positions 19° 53'.48 S 118° 58'.45 E and 20° 01'.94 S 118° 49'.63 E.

Mariners are advised to navigate with caution in the area.

Charts will updated in due course.

Chart which will be affected - Aus 325 - Aus 326 - Aus 739

1231(T)/2019 AUSTRALIA - VICTORIA - Golden Beach - Scientific instrument Former Notice - 571(T)/2019 is cancelled

Maritime Safety Victoria Notice 273(T)/2019

An orange conical light buoy, Fl.4s, exists in position 38° 15'.37 S 147° 25'.35 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 357

1232(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Harbour works Parks Victoria Notice 278(T)/2019

Works associated with the construction of a floating wave attenuation structure are in progress in the vicinity of position 38° 08'.54 S 144° 21'.99 E.

Barges and support vessels are on site.

Piles exist in the area and will be marked until the floating wave attenuation structure is installed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 153

1233(T)/2019 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Swanson Dock - Harbour works Former Notice - 362(T)/2019 is cancelled

Victorian Ports Corporation (Melbourne) Notice 76(T)/2019, 79(T)/2019, 281(T)/2019

Harbour works are in progress at Swanson Dock 3E (37° 48'.76 S 144° 54'.87 E) and 2E (37° 48'.89 S 144° 54'.87 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

1234(T)/2019 AUSTRALIA - VICTORIA - Portland Harbour - Dredging operations Port of Portland Notice 265/2019

The vessel *Andrew Wilson* is conducting dredging operations in the entrance to Portland Harbour (38° 20'.67 S 141° 37'.31 E).

A submerged and floating pipeline, which is marked by lights, exists in the area.

The area around the northern end of Main Breakwater is a prohibited zone (38° 20'.67 S 141° 37'.46 E). The area to the west of this is a restricted zone and mariners are to exercise caution while transiting the area.

The vessel will display appropriate lights and shapes and will monitor VHF Ch 14 & Ch 16 or can be contacted by telephone on 0428 316 114 or 0400 822 358.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 140

1235(T)/2019 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instrument recovered *Former Notice* - 416(T)/2019 is cancelled Marine and Safety Tasmania Notice 74/2019

Cancel this notice on receipt.

Chart formerly affected - Aus 177

HYDROGRAPHIC REPORTS

Locality	Report	Ship/Authority	Observer
WA- Turtle Islands	Uncharted rocks	Volunteer Marine Rescue Service Port Hedland	Brett

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