

AUSTRALIAN NOTICES TO MARINERS

Notices 361 - 406

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.

SUPPLEMENTS.

I. Tracings	
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- 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.

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IMPORTANT NOTICE

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

GENERAL INSTRUCTIONS

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

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

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

The range quoted for a light is its nominal range.

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

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

REPORTING OF DANGERS

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

AUTHORISED USE

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

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

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

Australian Hydrographic Office

New Charts Chart PNG 387	<i>Title and Geographical limits</i> Papua New Guinea - North Coast - Vitiaz Strait to Karkar Island 4° 36'·00 S – 6° 23'·02 S 145° 32'·00 E – 148° 20'·92 E	<i>Scale</i> 1:300 000	<i>Publication Date</i> 15 May 2020	Remarks Adoption of Papua New Guinea chart numbering. Replaces Aus 387. General updating throughout; including latest bathymetric data.
New Electro	nic Navigation Chart (Aus ENC)			
Cell Name AU5PKL01	<i>Title</i> Australia - New South Wales - Port Kembl	а	<i>Publication Date</i> 14 May 2020	<i>Remarks</i> AU5194P0 has been withdrawn
New Edition	s and Withdrawn Charts			
New Editions and Withdrawn ChartsChartTitleAus 23Australia - North Coast - Northern(Edition 2)Territory - Apsley Strait (Southern Sheet)		<i>Scale</i> 1:50 000	Publication Date 15 May 2020	Remarks New edition with general updating throughout; including latest bathymetric data. Chart Aus 23 Edition 1 dated 13 February 2009 is now superseded and must be withdrawn from use.

Charts withdrawn

Chart Remarks Aus 387 On publication of new chart PNG 387

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.

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

Australian Hydrographic Office

New Charts to be published shortly Chart Title PNG 652 Papua New Guinea - North Coast - Plans in Papua New Guinea (Sheet 4) Plans: Aitape Roads Aitape Vanimo Harbour	<i>Scale</i> 1:37 500 1:12 500 1:12 500	Remarks Adoption of Papua New Guinea chart numbering. Replaces Aus 652. General updating throughout; including latest bathymetric data.
New Editions to be published shortly Chart Title Aus 614 Australia - East Coast - Coral Sea - Diamond Passage Plans: East Diamond Islet Turtle Islet	<i>Scale</i> 1:150 000 1:25 000 1:25 000	<i>Remarks</i> New edition with general updating throughout; including latest bathymetric data.
Charts to be withdrawn Chart Remarks Aus 652 On publication of new chart PNG 652		
Charts to be withdrawn without replacement 27 June 2020ChartTitleAus 280Australia - East Coast - Queensland - Plans in QueenslandEdition 5(Sheet 3)Plans:Magpie Reef to Eden ReefFlinders Group	<i>Scale</i> 1:75 000 1:50 000	<i>Publication Date</i> 22 February 2019
Aus 281 Australia - East Coast - Queensland - First Three Mile Opening Edition 3 to Cape Direction	1:75 000	22 February 2019

363 AUSTRALIA - Shutdown of AMSA's DGPS service

Australian Maritime Safety Authority

Australian Maritime Safety Authority's radiobeacon differential global positioning system (DGPS) service will be shutdown from 1 July 2020.

For the vast majority of maritime users, the discontinuation of AMSA's DGPS service will not impact the accuracy of satellite positioning or safe navigation.

DGPS receivers will no longer receive the AMSA radiobeacon DGPS signal in areas where it was previously available. This may generate a 'lost signal' alarm, but your receiver will still provide a GPS derived position.

More information can be found here:

https://www.amsa.gov.au/about/regulations-and-standards/032020-shutdown-amsas-differential-global-positioning-system-dg

364	AUSTRALIA - QUEENSLAND - Bailey Islet - Light buc	у
Maritime Safety	Queensland Notice 147/2020	

Aus 249 [52/2020] Move light buoy to	21° 02'.0 S 21° 02'.20 S	149° 32'.9 E 149° 32'.88 E
Aus 251 [1304/2019] Move light buoy to	21° 02'.0 S 21° 02'.20 S	149° 32'.9 E 149° 32'.88 E

Aus 238 [226/2020]				
Insert	contour, between	27° 28'.816 S 27° 28'.807 S 27° 28'.778 S	153° 01'.871 E	
	depth, 9 ₆ m, and extend contour E to enclose	27° 28'.541 S		
	depth, 13m, and extend contour E to enclose	27° 28'.725 S	153° 01'.977 E	
Move	light buoy to	27° 28'.66 S 27° 28'.627 S	153° 01'.97 E 153° 01'.971 E	
Delete	contour, between	27° 28'.82 S 27° 28'.78 S	153° 01'.82 E 153° 01'.90 E	
Aus 238 (\$	South Brisbane Reach) [226/2020]			
Insert	contour, between	27° 28'.816 S 27° 28'.816 S	153° 01'.823 E 153° 01'.850 E	
Delete	contour, between	27° 28'.82 S 27° 28'.81 S	153° 01'.82 E 153° 01'.85 E	
366 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly - Obstruction Australian Maritime Safety Authority				
Aus 236 [2 Insert	23 <i>1/2020</i>] depth, <u>0₁</u> m, encolsed by danger circle, with legend <i>Obstn</i>	27° 26'.49 S	153° 11'.34 E	
Aus 236 (Manly Boat Harbour) [231/2020]				

365 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Depths; light buoy Maritime Safety Queensland

15 May 2020

Aus 236 (Many Boat Harbour) [231/2020]Insertdepth, $\underline{0}_1 m$, encolsed by danger circle, with legend Obstn27° 26'.49 S153° 11'.34 E

367 AUSTRALIA - QUEENSLAND - Pollard Channel - Depths

LADS Flight	
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Aus 835 [1	12/2020]		
Insert	depth, $9_{g}m$, enclosed by contour	11° 50'.52 S	143° 35'.17 E
	depth, $J_4 m$, enclosed by contour	11° 51'.80 S	143° 29'.56 E
	depth, 6_1m , and extend contour NW to enclose	11° 54'.58 S	143° 25'.37 E
	depth, $D_{a}m$, and extend contour E to enclose	11° 55'.06 S	143° 21'.16 E
	depth, 2_7m , and extend contour NW to enclose	11° 55'.66 S	143° 24'.94 E
Replace	depth, 13m, with depth, $\mathcal{B}_{q}m$, enclosed by contour	11° 50'.5 S	143° 34'.2 E
	depth, 8_8 m, with depth, 6_4 m	11° 51'.6 S	143° 31'.3 E
	depth, 3_4 m, with depth, 1_2 m	11° 52'.4 S	143° 27'.8 E
	depth, 10_{9} m, with depth, $\bar{8}_{6}m$	11° 52'.5 S	143° 34'.0 E
	depth, 5_1 m, with depth, 2_3 m, enclosed by contour	11° 52'.8 S	143° 27'.4 E
Delete	depth, 7 ₉ m	11° 54'.9 S	143° 25'.4 E
	depth, 1 ₅ m	11° 55'.1 S	143° 20'.9 E
	depth, 2 ₁ m	11° 55'.1 S	143° 21'.3 E
	depth, 3 ₆ m	11° 55'.8 S	143° 25'.2 E
Aus 836 [1	1191/2019]		
Insert	depth, 23₁m, and extend contour E to enclose	11° 37'.12 S	143° 54'.27 E
	depth, $9_{g}m$, enclosed by contour	11° 50'.52 S	143° 35'.17 E
	depth, $3_4 m$, enclosed by contour	11° 51'.80 S	143° 29'.56 E
	depth, 14m, enclosed by contour	11° 52'.57 S	143° 37'.20 E
	depth, $6_1 m$, and extend contour NW to enclose	11° 54'.58 S	143° 25'.37 E
	depth, $2_7 m$, and extend contour NW to enclose	11° 55'.66 S	143° 24'.94 E
Replace	depth, 13m, with depth, 8_4m , enclosed by contour	11° 50'.5 S	143° 34'.2 E
	depth, 8_8 m, with depth, 6_4 m	11° 51'.6 S	143° 31'.3 E
	depth, 3_4 m, with depth, 1_2m	11° 52'.4 S	143° 27'.8 E
	depth, 10 ₉ m, with depth, $\partial_{6}m$	11° 52'.5 S	143° 34'.0 E
	depth, 5_1 m, with depth, 2_3m , enclosed by contour	11° 52'.8 S	143° 27'.4 E
	depth, 4_4 m, with depth, 2_5m	11° 53'.2 S	143° 37'.6 E
Delete	depth, 7 ₉ m	11° 54'.9 S	143° 25'.4 E
	depth, 3 ₆ m	11° 55'.8 S	143° 25'.2 E

368 AUSTRALIA - QUEENSLAND - Skardon River - Estuary and River Entrance Precision Hydrographic Services

Aus 301 [3 Insert	341/2020] accompanying note	13° 06'.0 S	142° 10'.0 E
Aus 301 (\$ Insert	Skardon River) [341/2020] legend, <i>Estuary and River Entrances (see Note)</i> , centred on	11° 46'.7 S	141° 55'.5 E

369 European S	PAPUA NEW GUINEA - Sesebai Island - Depths Space Agency				
PNG 518 [Insert	191/2020] depth, 7 ₁ m, semi enclosed by contour to W	10° 01'.23 S	150° 53'.62 E		
Replace	depth, 9_4 m, with depth, 6_2m	10° 02'.0 S	150° 54'.7 E		
PNG 631 [/	NC 12/7/2019]				
Insert	contour, between	10° 02'.519 S 10° 02'.436 S 10° 02'.536 S 10° 02'.579 S	150° 54'.063 E 150° 54'.065 E 150° 54'.214 E 150° 54'.141 E		
	depth, 6_3m , and extend contour NE to enclose	10° 01'.861 S	150° 55'.008 E		
	depth, 5_7m , and extend contour NE to enclose	10° 01'.927 S	150° 55'.095 E		
	depth, 6_2m , enclosed by contour	10° 02'.017 S	150° 54'.794 E		
	depth, 5 ₅ m depth, 5₄m	10° 02'.457 S 10° 02'.534 S	150° 54'.069 E 150° 54'.189 E		
	depth, <i>5m</i> , enclosed by contour	10° 02'.632 S	150° 54'.189 E		
	deptil, om, enclosed by contour	10 02.032 3	150 54.204 E		
Delete	depth, 6m	10° 01'.95 S	150° 56'.07 E		
370 Australian I	PAPUA NEW GUINEA - Vitiaz Strait to Karkar Island - Chart name Hydrographic Office				
Aus 386 [<i>1</i> Amend	240/2019] legend to <i>Adjoining Chart PNG</i> 387 in W border	6° 05'.0 S	147° 47'.6 E		
Aus 388 [2 Amend	Aus 388 [264/2019] Amend legend to Adjoining Chart PNG 387 in S border 04° 51'.9 S 145° 50'.0 E				
Aus 4622 Amend	(INT 622) [275/2020] legend to <i>PNG</i> 387	4° 38'.0 S	148° 08'.0 E		
371 Australian I	AUSTRALIA - TORRES STRAIT - Yorke Islands - Limit Hydrographic Office				
Aus 840 [3 Delete	845/2020] magenta dashed line, between	9° 45'.5 S 9° 35'.7 S	143° 24'.0 E 143° 24'.0 E		
372 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Tidal panel; berth Australian Hydrographic Office					
Aus 115 (E	Bunbury) [<i>147/2020</i>]				
Insert	berth desig, 6 accompanying block	33° 19'.33 S 33° 19'.7 S			
373 AUSTRALIA - WESTERN AUSTRALIA - Point Murat - Bundegi Jetty - Light buoy Australian Hydrographic Office					
Aus 72 (Point Murat Wharf) [476/2019]					
Move	light buoy to	21° 49'.54 S 21° 49'.555 S			

374 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Navaids

Pilbara Ports Authority

Aus 53 [1148/2019]						
Insert	west cardinal topmark	20° 14'.61 S	118° 34'.21 E			
	triangular topmark apex up	20° 15'.71 S	118° 35'.18 E			
	triangular topmark apex down	20° 16'.02 S	118° 35'.47 E			
	triangular topmark apex down	20° 17'.29 S	118° 35'.81 E			
	light beacon, F.23M Goldsworthy Front, with triangular topmark apex up	20° 17'.35 S	118° 35'.43 E			
	light beacon, Q.Bu.6M, with triangular topmark apex up	20° 17'.74 S	118° 35'.30 E			
	triangular topmark apex down	20° 18'.56 S	118° 36'.01 E			
Delete	light beacon	20° 17'.3 S	118° 35'.1 E			
Delete	light beacon	20° 17'.3 S	118° 35'.3 E			
	light beacon	20° 17'.5 S	118° 35'.5 E			
	5					
Aus 54 [11	48/2019]					
Insert	triangular topmark apex down	20° 16'.017 S	118° 35'.472 E			
	triangular topmark apex down	20° 17'.290 S	118° 35'.811 E			
	light beacon, <i>F.19m 23M Goldsworthy Front</i> , with triangular topmark	20° 17'.349 S	118° 35'.433 E			
	apex up light beacon, <i>Q.Bu.16m 6M</i> , with triangular topmark apex up	20° 17'.742 S	118° 35'.302 E			
	triangular topmark apex down	20° 18'.561 S	118° 36'.005 E			
		20 10.0010	110 00.000 E			
Delete	light sector with legend, FI.Bu.2s, emanating from light beacon	20° 17'.29 S	118° 35'.81 E			
	light beacon	20° 17'.54 S	118° 35'.53 E			
	light sector with legend, Q.Bu, emanating from light beacon	20° 17'.54 S	118° 35'.53 E			

375 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Radio reporting points; recommended track Pilbara Ports Authority

Aus 53 [374/2020]		
Insert	radio reporting point, orient 326°	19° 58'.00 S	118° 29'.04 E
Replace	two-way radio reporting point with radio reporting point, orient 146 $^\circ$	19° 57'.2 S	118° 28'.5 E
Move	two-way radio reporting point to	19° 56'.8 S 19° 58'.00 S	118° 27'.6 E 118° 27'.03 E
Delete	recommended track, between	19° 56'.8 S 19° 56'.3 S 19° 57'.2 S	118° 27'.6 E 118° 27'.8 E 118° 28'.5 E
Aus 326	[19/2020]		
Replace	two-way radio reporting point with radio reporting point, orient 146°	19° 57'.2 S	118° 28'.5 E
Move	two-way radio reporting point to	19° 56'.8 S 19° 58'.00 S	118° 27'.6 E 118° 27'.03 E

	250/2016]		
Insert	contour, between	12° 09'.04 S 12° 09'.04 S 12° 09'.00 S 12° 08'.49 S 12° 08'.37 S 12° 08'.19 S	96° 50'.07 E 96° 50'.20 E 96° 50'.29 E 96° 50'.61 E 96° 50'.79 E 96° 50'.88 E
Delete	contour, between	12° 09'.0 S 12° 09'.3 S 12° 09'.0 S	96° 50'.1 E 96° 50'.3 E 96° 50'.3 E
	contour, between	12° 08'.5 S 12° 08'.6 S 12° 08'.2 S	96° 50'.6 E 96° 51'.1 E 96° 50'.9 E
Aus 607 [2	239/2020]		
Insert	depth, 2m, enclosed by contour	12° 08'.403 S	96° 50'.882 E
Replace	depth, 2_5 m, with depth, 1_9 m	12° 08'.50 S	96° 50'.73 E
	depth, 2_5 m, with depth, 1_9 m, enclosed by contour	12° 09'.12 S	96° 50'.14 E
377 HydroSurve	AUSTRALIA - SOUTH AUSTRALIA - Kingscote - Depth ey Australia		
Aus 129 (H Insert	<pre>Kingscote) [772/2018] depth, 1₈m, and extend contour E to enclose</pre>	35° 39'.282 S	137° 38'.670 E
Delete	depth, 1 ₂ m	35° 39'.28 S	137° 38'.65 E
378 Parks Victo	AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Lights ria Notice 135/2020		
	ria Notice 135/2020	38° 04'.4 S	145° 07'.2 E
Parks Victo Aus 143 [2 Replace	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>Fl(3)G.5s 2M</i>	38° 04'.4 S	145° 07'.2 E
Parks Victo Aus 143 [2 Replace	ria Notice 135/2020 279/2020]	38° 04'.4 S 38° 04'.44 S	145° 07'.2 E 145° 07'.22 E
Parks Victo Aus 143 [2 Replace Aus 143 (F Delete 379	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>Fl(3)G.5s 2M</i> Patterson River) [279/2020]		
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Parks Victor Aus 143 [2 Replace Aus 143 (F Delete 379 Australian I Aus 487 [2 Insert 380 Former Not	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>Fl(3)G.5s 2M</i> Patterson River) [279/2020] light AUSTRALIA - BASS STRAIT - Curtis Island - Unexploded ordnance Hydrographic Office 281/2020] accompanying note restricted area with radius 0·5M, with magenta legend <i>Unexploded</i> <i>Ordnance (see Note)</i> , centred on AUSTRALIA - TASMANIA - Marion Bay - Buoy	38° 04'.44 S 38° 33'.0 S	145° 07'.22 E 146° 48'.0 E
Parks Victor Aus 143 [2 Replace Aus 143 (F Delete 379 Australian I Aus 487 [2 Insert 380 Former Not Maritime ar Aus 169 (E	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>Fl(3)G.5s 2M</i> Patterson River) [279/2020] light AUSTRALIA - BASS STRAIT - Curtis Island - Unexploded ordnance Hydrographic Office 281/2020] accompanying note restricted area with radius 0·5M, with magenta legend <i>Unexploded</i> <i>Ordnance (see Note)</i> , centred on AUSTRALIA - TASMANIA - Marion Bay - Buoy <i>ice</i> - 360(T)/2020 is cancelled ad Safety Tasmania Notice M077/2020 Blackman Bay) [155/2020]	38° 04'.44 S 38° 33'.0 S 39° 38'.1 S	145° 07'.22 E 146° 48'.0 E 146° 46'.5 E
Parks Victor Aus 143 [2 Replace Aus 143 (F Delete 379 Australian I Aus 487 [2 Insert 380 Former Not Maritime ar	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>FI(3)G.5s 2M</i> Patterson River) [279/2020] light AUSTRALIA - BASS STRAIT - Curtis Island - Unexploded ordnance Hydrographic Office 281/2020] accompanying note restricted area with radius 0·5M, with magenta legend <i>Unexploded</i> <i>Ordnance (see Note)</i> , centred on AUSTRALIA - TASMANIA - Marion Bay - Buoy <i>ice</i> - 360(T)/2020 is cancelled ad Safety Tasmania Notice M077/2020 Blackman Bay) [155/2020] buoy	38° 04'.44 S 38° 33'.0 S 39° 38'.1 S 42° 50'.41 S	145° 07'.22 E 146° 48'.0 E 146° 46'.5 E 147° 53'.60 E
Parks Victo Aus 143 [2 Replace Aus 143 (F Delete 379 Australian I Aus 487 [2 Insert 380 Former Not Maritime ar Aus 169 (E Move	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>Fl(3)G.5s 2M</i> Patterson River) [279/2020] light AUSTRALIA - BASS STRAIT - Curtis Island - Unexploded ordnance Hydrographic Office 281/2020] accompanying note restricted area with radius 0.5M, with magenta legend <i>Unexploded</i> Ordnance (see Note), centred on AUSTRALIA - TASMANIA - Marion Bay - Buoy fice - 360(T)/2020 is cancelled Id Safety Tasmania Notice M077/2020 Blackman Bay) [155/2020] buoy to	38° 04'.44 S 38° 33'.0 S 39° 38'.1 S	145° 07'.22 E 146° 48'.0 E 146° 46'.5 E
Parks Victor Aus 143 [2 Replace Aus 143 (F Delete 379 Australian I Aus 487 [2 Insert 380 Former Not Maritime ar Aus 169 (E Move Aus 171 [2	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>Fl(3)G.5s 2M</i> Patterson River) [279/2020] light AUSTRALIA - BASS STRAIT - Curtis Island - Unexploded ordnance Hydrographic Office 281/2020] accompanying note restricted area with radius 0·5M, with magenta legend <i>Unexploded</i> Ordnance (see Note), centred on AUSTRALIA - TASMANIA - Marion Bay - Buoy ice - 360(T)/2020 is cancelled ad Safety Tasmania Notice M077/2020 Blackman Bay) [155/2020] buoy to 280/2020]	38° 04'.44 S 38° 33'.0 S 39° 38'.1 S 42° 50'.41 S 42° 50'.443 S	145° 07'.22 E 146° 48'.0 E 146° 46'.5 E 147° 53'.60 E 147° 53'.512 E
Parks Victo Aus 143 [2 Replace Aus 143 (F Delete 379 Australian I Aus 487 [2 Insert 380 Former Not Maritime ar Aus 169 (E Move	ria Notice 135/2020 279/2020] light and emanating sector with light, <i>Fl(3)G.5s 2M</i> Patterson River) [279/2020] light AUSTRALIA - BASS STRAIT - Curtis Island - Unexploded ordnance Hydrographic Office 281/2020] accompanying note restricted area with radius 0.5M, with magenta legend <i>Unexploded</i> Ordnance (see Note), centred on AUSTRALIA - TASMANIA - Marion Bay - Buoy fice - 360(T)/2020 is cancelled Id Safety Tasmania Notice M077/2020 Blackman Bay) [155/2020] buoy to	38° 04'.44 S 38° 33'.0 S 39° 38'.1 S 42° 50'.41 S	145° 07'.22 E 146° 48'.0 E 146° 46'.5 E 147° 53'.60 E

376 INDIAN OCEAN - Cocos (Keeling) Islands - South Keeling Islands - Depths EGS Survey Pty Ltd

Cancel this notice on receipt.

Chart formerly affected - Aus 489 - Aus 809

382(T)/2020 AUSTRALIA - QUEENSLAND - Acheron Island - Live firing

Maritime Safety Queensland Notice 166(T)/2020

Live firing will be conducted within a 5M radius of position 18° 57'.8 S 146° 38'.3 E during the period 18 May to 22 May 2020.

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

Chart temporarily affected - Aus 827

383(T)/2020 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Scientific instrument Maritime Safety Queensland Notice 157(T)/2020

A scientific instrument marked by a special light buoy, Fl.Y.5s, exists on the seabed in position 24° 45'.94 S 152° 22'.75 E.

Chart temporarily affected - Aus 242

384(T)/2020 AUSTRALIA - QUEENSLAND - Gladstone - Clinton Channel - Light buoys

Former Notice - 106(T)/2020 is cancelled Maritime Safety Queensland Notice 17/2020, 20(T)/2020, 150(T)/2020

A starboard lateral pillar light buoy, Fl.G.4s, exists in position 23° 49'.21 S 151° 14'.85 E.

A west cardinal pillar light buoy, VQ(9)10s, exists in position 23° 48'.97 S 151° 14'.62 E.

Chart temporarily affected - Aus 244 - Aus 245 - Aus 271

385(T)/2020 AUSTRALIA - QUEENSLAND - Gold Coast - Crab Island - Dredging operations; scientific instruments Maritime Safety Queensland Notice 159(T)/2020

The dredge *Smithbridge Discovery* is conducting dredging operations in the channel west of Crab Island (27° 54'.2 S 153° 24'.5 E).

Spoil will be deposited offshore from South Stradbroke Island.

The dredge will monitor VHF Ch 16.

Special light buoys, FI.Y.2.5s, exist in positions 27° 54'.09 S 153° 24'.34 E and 27° 54'.52 S 153° 24'.54 E.

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

Chart temporarily affected - Aus 230

386(T)/2020 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Wave Break Island - Scientific instruments recovered

Former Notice - 1259(T)/2019 is cancelled Maritime Safety Queensland Notice 18/2020

Cancel this notice on receipt.

Chart formerly affected - Aus 230

387(T)/2020 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations completed *Former Notice* - 786(T)/2019 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 6

388(T)/2020 AUSTRALIA - QUEENSLAND - Mooloolaba - Dredging operations completed Former Notice - 161(T)/2020 is cancelled Maritime Safety Queensland Notice 156(T)/2020

Cancel this notice on receipt.

Chart formerly affected - Aus 235

389(T)/2020 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly Boat Harbour - Dredging operations completed *Former Notice* - 276(T)/2019 is cancelled Maritime Safety Queensland

Cancel this notice on receipt.

Chart formerly affected - Aus 236

390(T)/2020 AUSTRALIA - QUEENSLAND - Myrmidon Reef - Scientific instruments Australian Institute of Marine Science

A special light buoy, FI(4)Y.19s, exists in position 18° 19'.82 S 147° 22'.68 E.

An orange light buoy, FI(4)Y.12s, exists in position 18° 20'.16 S 147° 23'.32 E.

Chart temporarily affected - Aus 828

391(T)/2020 AUSTRALIA - QUEENSLAND - Skardon River - Shoaling Former Notice - 1221(P)/2019 is cancelled Precision Hydrographic Services

Cancel this notice on receipt.

Chart formerly affected - Aus 301

392(T)/2020 AUSTRALIA - CORAL SEA - Elizabeth Reef - Unexploded ordnance Australian Maritime Safety Authority NAVX 60/2020

Unexploded ordnance exists in position 29° 56'.13 S 159° 06'.13 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 618

393(T)/2020 PAPUA NEW GUINEA - Duke of York Island to Gazelle Peninsula - Navaids unlit National Maritime Safety Authority PNG Coastal Navigation Warning 4/2020, 5/2020, 6/2020, 7/2020

 The following navaids are unlit;

 Position
 Remarks

 4° 07'.04 S 152° 26'.66 E
 light, Fl.5s 19m 3M

 4° 08'.16 S 152° 10'.20 E
 light, Fl.8s 47m 18M

 4° 11'.71 S 152° 10'.08 E
 light, Fl.5s 38m 8M

 4° 11'.74 S 151° 44'.88 E
 light beacon, Fl.G.2s.

Chart temporarily affected - Aus 4604 (INT 604) - Aus 4622 (INT 622) - PNG 545 - PNG 554 - PNG 679 - PNG 680

394(T)/2020 PAPUA NEW GUINEA - Kitava Island - Light unlit

National Maritime Safety Authority PNG Coastal Navigation Warning 9/2020

The light, Fl.7.5s 107m 10M (8° 38'.71 S 151° 20'.30 E), is unlit.

Chart temporarily affected - Aus 516 - Aus 4621 (INT 621) - PNG 515 - PNG 637

395(T)/2020 PAPUA NEW GUINEA - Los Negros Island - Nahuchie Point - Light unlit National Maritime Safety Authority PNG Coastal Navigation Warning 8/2020

The light, Fl.2.5s 7m 10M (2° 02'.34 S 147° 24'.21 E), is unlit.

Chart temporarily affected - Aus 391 - Aus 662

396(T)/2020 AUSTRALIA - TORRES STRAIT - Horn Island - Smith Point - Wreck Maritime Safety Queensland Notice 132(T)/2020

A stranded wreck marked by a special light buoy, FI.Y.2s, exists in position 10° 36'.24 S 142° 14'.21 E.

Chart temporarily affected - Aus 293 - Aus 294 - Aus 299 - Aus 700

397(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards moved *Former Notice* - 1066(T)/2019 is cancelled Australian Maritime Safety Authority Auscoast Warning 173/2020

Cancel this notice on receipt.

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

398(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwards Australian Maritime Safety Authority Auscoast Warning 173/2020

Drill rig Dhirubhai Deepwater KG2 is moored in position 20° 09'.0 S 116° 43'.0 E.

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

399(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards moved Former Notice - 319(T)/2020 is cancelled Australian Maritime Safety Authority

Cancel this notice on receipt.

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

400(T)/2020 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards Australian Maritime Safety Authority

Drill rig Valaris DPS-1 is conducting drilling operations in position 21° 31'.8 S 113° 50'.6 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

401(T)/2020 AUSTRALIA - VICTORIA - Port Phillip - Station Pier - Harbour works Victorian Ports Corporation (Melbourne) Notice 146(T)/2020

Vessels MV *Pro Diver*, MV *Venture*, MV *Alice* and MV *Jazz 1* are conducting pile rehabilitation works at Station Pier (37° 50'.70 S 144° 55'.85 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154

402(T)/2020 AUSTRALIA - TASMANIA - Cape Raoul - Scientific instrument southwards recovered *Former Notice* - 858(T)/2019 is cancelled Marine and Safety Tasmania

Cancel this notice on receipt.

Chart formerly affected - Aus 796

403(T)/2020 AUSTRALIA - TASMANIA - Hobart - Lutana - Nyrstar Wharf - Pipeline Marine and Safety Tasmania Notice M072/2020, Nyrstar

A floating pipeline marked by red buoys exists in the vicinity of position 42° 49'.75 S 147° 19'.03 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 172

404(T)/2020 AUSTRALIA - TASMANIA - North West Bay - Mooring area

Former Notice - 372(T)/2016 is cancelled Marine and Safety Tasmania Notice M58/2017

A mooring area, marked by special light buoys, exists in an area bounded by the following positions: 43° 02'.75 S 147° 17'.91 E 43° 02'.66 S 147° 18'.04 E

43° 02'.74 S 147° 18'.15 E 43° 02'.82 S 147° 18'.00 E.

Mariners are advised to navigate with caution and to keep outside the area.

Chart temporarily affected - Aus 171 - Aus 174

405(T)/2020 AUSTRALIA - TASMANIA - River Tamar - Kings Wharf - Dredging operations completed *Former Notice* - 82(T)/2020 is cancelled Marine and Safety Tasmania Notice M009/2020

Cancel this notice on receipt.

Chart formerly affected - Aus 168

406(P)/2020 SOLOMON ISLANDS - Port Noro to Kuri Point - Shoaling

Former Notice - 184(P)/2020 is cancelled Australian Hydrographic Office , HMAS Leeuwin

Latest survey shows shoaler depths than those charted may exist in areas bounded by the following positions: 8° 15'.07 S 157° 11'.77 E

8 15.07 S 157 11.77 E 8° 15'.43 S 157° 11'.52 E 8° 15'.78 S 157° 11'.52 E 8° 15'.78 S 157° 11'.47 E 8° 15'.07 S 157° 12'.00 E 8° 15'.07 S 157° 11'.89 E; and 8° 19'.68 S 157° 11'.83 E 8° 21'.27 S 157° 12'.62 E 8° 21'.09 S 157° 13'.14 E 8° 19'.05 S 157° 12'.30 E 8° 19'.17 S 157° 11'.76 E.

Mariners are advised to navigate with caution in the area.

Charts will be updated in due course.

Chart which will be affected - SLB 102

HYDROGRAPHIC REPORTS

II

NIL

To accompany Australian Notice to Mariners 368/2020

ESTUARY AND RIVER ENTRANCES The crossing of coastal bars and entry to rivers and estuaries is potentially dangerous. Bars and entrances are dynamic in nature, hence the depth and preferred approach may vary. Leading beacons and other navigational aids may not always indicate the best approach. If mariners are unsure of the condition at a particular bar or entrance, local information should be sought prior to crossing.

Note for chart Aus 301

To accompany Australian Notice to Mariners 379/2020

UNEXPLODED ORDNANCE (UXO) The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Mariners Handbook for Australian Waters AHP 20.

Note for chart Aus 487

To accompany Australian Notice to Mariners 372/2020

		Ti	dal Levels	referred t	to Datum o	of Soundir	ngs		Pontoon	21 12	1 ₅ 1 ₂	0 ₉ 1 ₄ 1 ₅		
BLDG	Place	Lat S	Long E									Slip		
	Bunbury	33° 19'	115° 39'	HAT 1·3	1.0	MLHW 0·9	MSL 0·7	0·4	MLLW 0·3					
METRES 100 0		500				1000				1500		2000 METRES		
	I		I						I					

Block for chart Aus 115

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(238·5 x 38·7mm)