



5 August 2022

Edition 16

# AUSTRALIAN NOTICES TO MARINERS

**Notices 592 - 640**

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 S.T. DUNNE RAN  
*Hydrographer of Australia*

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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.

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## 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.

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## 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 [datapcentre@hydro.gov.au](mailto:datapcentre@hydro.gov.au) or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – [www.hydro.gov.au](http://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](mailto:rccaus@amsa.gov.au)).

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## AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Office (AHO) website ([www.hydro.gov.au](http://www.hydro.gov.au)) and through the eNotices (email) service ([www.hydro.gov.au/enotices/enotices.htm](http://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](http://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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**592 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts**

Australian Hydrographic Office , UKHO

**New Charts**

<i>Chart</i>	<i>Title and Geographical limits</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
NIL				

**New Electronic Navigation Chart (Aus ENC)**

<i>Cell Name</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
AU5RNB01	Australia - Queensland - Rosslyn Bay		4 August 2022	AU5247P2 has been withdrawn.
AU5MLL01	Australia - Queensland - Mooloolaba (Mooloolah River)		4 August 2022	AU5235P1 has been withdrawn.

**New Editions and Withdrawn Charts**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
Aus 4622 (INT 622) <b>(Edition 4)</b>	South Pacific Ocean - Admiralty Islands to Solomon Islands	1:1 500 000	5 August 2022	New edition with general updating throughout; including latest bathymetric data. <b>Chart Aus 4622 Edition 3 dated 22 September 2017 is now superseded and must be withdrawn from use.</b>

**Charts withdrawn without replacement**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
Aus 4725 (INT 725) <b>Edition 2</b>	Australia - West Coast - North West Cape to Cape Leeuwin	1:1 500 000		13 July 2018
Aus 4726 (INT 726) <b>Edition 2</b>	Australia - South West Coast - Western Australia - Cape Leeuwin to Esperance	1:1 500 000		28 January 1992
Aus 4727 (INT 727) <b>Edition 1</b>	Australia - South Coast - Esperance to Whidbey Isles	1:1 500 000		24 June 1994
Aus 4728 (INT 728) <b>Edition 1</b>	Southern Ocean - Spencer Gulf to Tasmania	1:1 500 000		17 December 2010

**Admiralty publication**

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP285(5)	ADMIRALTY List of Radio Signals Global Maritime Distress and Safety System (GMDSS) Volume 5, 3rd Edition (2022).	11/08/2022	The 2nd Edition (2021) of NP285 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.

For further details refer to the AHO website at [www.hydro.gov.au](http://www.hydro.gov.au) for new edition and new chart stock arrival information.

**593 AUSTRALIA - Products - New Charts and New Editions to be published shortly**

Australian Hydrographic Office

**New Charts to be published shortly**

Chart	Title	Scale	Remarks
NIL			

**New Editions to be published shortly**

Chart	Title	Scale	Remarks
Aus 4602 (INT 602)	South Pacific Ocean - Tasman and Coral Seas - Australia to Northern New Zealand and Fiji	1:3 500 000	New edition with general updating throughout; including latest bathymetric data.

**Charts to be withdrawn without replacement 19 August 2022**

Chart	Title	Scale	Remarks
Aus 4635 (INT 635) <b>Edition 2</b>	Australia - East Coast - Cape Byron to Mackay	1:1 500 000	22 September 2017

**594 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Ettalong Beach - Depth**

NSW Roads and Maritime Services

**Aus 204 [866/2021]**

Insert	drying height, $Q_2$ m, enclosed by contour	33° 31'.14 S	151° 20'.20 E
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**595 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Anchorages**

Port Authority of New South Wales

**Aus 195 [434/2022]**

Insert	anchor berth, desig <i>PKA3</i> , with 1389m radius swinging circle, centred on	34° 19'.334 S	150° 59'.880 E
	anchor berth, desig <i>PKA4</i> , with 1389m radius swinging circle, centred on	34° 20'.654 S	151° 01'.815 E
	anchor berth, desig <i>PKA5</i> , with 1389m radius swinging circle, centred on	34° 22'.750 S	151° 02'.060 E
	anchor berth, desig <i>PKA6</i> , with 1389m radius swinging circle, centred on	34° 23'.272 S	150° 59'.768 E
	anchor berth, desig <i>PKA7</i> , with 1389m radius swinging circle, centred on	34° 24'.813 S	151° 01'.219 E
	anchor berth, desig <i>PKA8</i> , with 1389m radius swinging circle, centred on	34° 25'.079 S	150° 58'.647 E
	anchor berth, desig <i>PKA9</i> , with 1389m radius swinging circle, centred on	34° 26'.642 S	151° 00'.200 E
	anchor berth, desig <i>PKA10</i> , with 1389m radius swinging circle, centred on	34° 27'.708 S	151° 02'.318 E
	anchor berth, desig <i>PKA11</i> , with 1389m radius swinging circle, centred on	34° 28'.624 S	151° 00'.185 E

**Aus 808 [308/2022]**

Insert	<a href="#">accompanying block</a>	34° 22'.0 S	151° 00'.0 E
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**596 AUSTRALIA - NEW SOUTH WALES - Sydney to Barcoo Seamount - Submarine cable**  
 33 Below Pty Ltd , Alcatel Submarine Networks

**Aus 200 [435/2022]**

Insert	submarine cable, between	33° 54'.340 S	151° 16'.559 E
		33° 54'.500 S	151° 16'.792 E

**Aus 489 [253/2022]**

Insert	submarine cable, between	33° 46'.60 S	152° 07'.15 E
		33° 47'.94 S	152° 09'.49 E
		33° 52'.38 S	152° 14'.19 E
		33° 54'.89 S	152° 18'.95 E
		34° 02'.24 S	152° 31'.80 E
		34° 04'.98 S	152° 46'.36 E
		34° 05'.27 S	153° 00'.07 E
		34° 02'.08 S	153° 13'.07 E
		33° 55'.44 S	153° 24'.43 E
		33° 44'.30 S	153° 34'.63 E
		33° 33'.21 S	153° 41'.91 E
		33° 23'.85 S	153° 52'.74 E
		33° 14'.01 S	154° 05'.99 E
		32° 54'.72 S	154° 36'.95 E
		32° 49'.55 S	154° 43'.00 E
		32° 46'.32 S	154° 45'.35 E
		32° 43'.14 S	154° 46'.82 E
		32° 38'.26 S	154° 47'.97 E
		32° 31'.28 S	154° 47'.25 E
		32° 23'.01 S	154° 43'.81 E
		32° 17'.33 S	154° 42'.94 E
		32° 15'.80 S	154° 43'.17 E
	submarine cable, between	34° 18'.81 S	151° 43'.91 E
		34° 22'.22 S	151° 46'.84 E
		34° 24'.58 S	151° 50'.99 E
		34° 26'.90 S	151° 58'.78 E
		34° 30'.90 S	152° 10'.75 E
		34° 31'.92 S	152° 18'.18 E
		34° 30'.48 S	152° 40'.95 E
		34° 29'.12 S	152° 57'.78 E
		34° 32'.06 S	152° 59'.68 E
		34° 29'.19 S	153° 01'.17 E
		34° 29'.36 S	153° 13'.13 E
		34° 28'.04 S	153° 19'.94 E
		34° 24'.26 S	153° 25'.72 E
		34° 22'.65 S	153° 31'.63 E
		34° 22'.00 S	153° 39'.23 E
		34° 20'.34 S	153° 44'.93 E
		34° 15'.63 S	153° 53'.00 E
		34° 10'.57 S	154° 05'.02 E
		34° 07'.33 S	154° 14'.96 E
		34° 04'.85 S	154° 18'.99 E
		34° 01'.98 S	154° 21'.17 E
		33° 53'.20 S	154° 26'.26 E
		33° 36'.53 S	154° 39'.87 E
		33° 22'.85 S	154° 56'.97 E
		33° 20'.77 S	154° 59'.10 E
		33° 15'.03 S	155° 02'.49 E
		33° 10'.98 S	155° 03'.30 E
		33° 07'.31 S	155° 03'.36 E
		32° 55'.54 S	155° 00'.53 E
		32° 43'.69 S	155° 00'.89 E
		32° 37'.97 S	155° 03'.32 E
		32° 32'.29 S	155° 08'.37 E
		32° 25'.50 S	155° 11'.78 E
		32° 19'.64 S	155° 15'.55 E
		32° 15'.87 S	155° 19'.77 E

**Aus 815 [254/2022]**

Insert	submarine cable, between	26° 39'.59 S	153° 06'.29 E
		26° 39'.40 S	153° 06'.84 E
		26° 38'.89 S	153° 07'.39 E



<b>596</b>	<b>AUSTRALIA - NEW SOUTH WALES - Sydney to Barcoo Seamount - Submarine cable</b>		
		26° 38'.44 S	153° 08'.13 E
		26° 37'.38 S	153° 08'.64 E
		26° 35'.99 S	153° 10'.43 E
		26° 32'.47 S	153° 18'.00 E
		26° 30'.09 S	153° 21'.10 E
		26° 17'.77 S	153° 30'.99 E
		26° 13'.90 S	153° 35'.20 E
		26° 11'.28 S	153° 39'.42 E
		26° 09'.76 S	153° 44'.89 E
		26° 09'.33 S	153° 50'.41 E
		26° 09'.38 S	153° 53'.95 E
		26° 10'.12 S	154° 00'.00 E
		26° 10'.41 S	154° 03'.00 E

**597 AUSTRALIA - QUEENSLAND - Brisbane River - Shafston Reach - Mooring buoy**  
Maritime Safety Queensland Notice 322/2022

**Aus 238 [7/2022]**

Insert	mooring buoy	27° 28'.049 S	153° 02'.290 E
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**Aus 238 (Town Reach and Shafston Reach) [7/2022]**

Insert	mooring buoy	27° 28'.049 S	153° 02'.290 E
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**598 AUSTRALIA - QUEENSLAND - Hydrographers Passage - Depths**  
LADS Flight

**Aus 821 [58/2022]**

Insert	depth, 45m, enclosed by contour	19° 52'.37 S	150° 19'.83 E
	depth, 8,m, enclosed by contour	19° 52'.76 S	150° 17'.80 E
	depth, 29,m, and extend contour W to enclose	19° 55'.63 S	150° 17'.97 E
	depth, 29,m, enclosed by contour	19° 59'.16 S	150° 17'.80 E
Delete	depth, 32m	19° 55'.6 S	150° 17'.8 E

**599 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Depths**

Maritime Safety Queensland

**Aus 235 [439/2022]**

Insert	depth, 3 <sub>4</sub> m, and extend contour NW to enclose	26° 56'.95 S	153° 20'.09 E
	depth, 1 <sub>4</sub> m, enclosed by contour	26° 59'.30 S	153° 20'.36 E
Delete	depth, 4 <sub>8</sub> m	26° 57'.0 S	153° 20'.3 E

**Aus 236 [475/2022]**

Insert	depth, 1 <sub>4</sub> m, enclosed by contour	26° 59'.30 S	153° 20'.36 E
	depth, 4 <sub>4</sub> m, enclosed by contour	27° 04'.40 S	153° 21'.33 E
Delete	depth, 5 <sub>1</sub> m	27° 04'.5 S	153° 21'.4 E

**Aus 814 [414/2022]**

Insert	depth, 3 <sub>4</sub> m, and extend contour NW to enclose	26° 56'.95 S	153° 20'.09 E
	depth, 1 <sub>4</sub> m, enclosed by contour	26° 59'.30 S	153° 20'.36 E
Replace	depth, 5 <sub>1</sub> m, with depth, 4 <sub>4</sub> m, and extend contour N to enclose	27° 04'.4 S	153° 21'.3 E
Delete	depth, 12m	26° 56'.8 S	153° 20'.0 E
	depth, 2 <sub>3</sub> m	26° 59'.5 S	153° 20'.4 E

**Aus 815 [596/2022]**

Insert	depth, 3 <sub>4</sub> m, and extend contour NW to enclose	26° 56'.95 S	153° 20'.09 E
	depth, 1 <sub>4</sub> m, enclosed by contour	26° 59'.30 S	153° 20'.36 E
Replace	depth, 5 <sub>1</sub> m, with depth, 4 <sub>4</sub> m, enclosed by contour	27° 04'.4 S	153° 21'.3 E
Delete	depth, 12m	26° 56'.8 S	153° 20'.0 E
	depth, 2 <sub>3</sub> m	26° 59'.5 S	153° 20'.4 E

**600 AUSTRALIA - QUEENSLAND - Moreton Bay - Victoria Point - Topmark**

Maritime Safety Queensland Notice 331/2022

**Aus 236 [599/2022]**

Replace	topmark with east cardinal topmark	27° 34'.6 S	153° 18'.9 E
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**601 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Rock**

Maritime Safety Queensland

**Aus 819 [344/2022]**

Replace	depth, 2 <sub>8</sub> m, with depth, 3 <sub>7</sub> m	23° 09'.1 S	150° 47'.8 E
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**Aus 820 [518/2022]**

Replace	depth, 2 <sub>8</sub> m, with depth, 3 <sub>7</sub> m	23° 09'.1 S	150° 47'.8 E
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**602 AUSTRALIA - QUEENSLAND - Russell Heads - Light***Former Notice - 615(T)/2017 is cancelled*

Maritime Safety Queensland

**Aus 829 [255/2022]**

Delete	light	17° 13'.3 S	145° 58'.1 E
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**Aus 830 [553/2022]**

Delete	light	17° 13'.3 S	145° 58'.1 E
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**603 PAPUA NEW GUINEA - Collingwood Bay - Rainu Reef - Islet; reef delineation**

Former Notice - 573(P)/2022 is cancelled

Fugro

**PNG 520 [519/2021]**Insert [accompanying block](#)

9° 17'.5 S

149° 16'.0 E

**604 PAPUA NEW GUINEA - Saibai Island - Depths**

Department of Defence

**Aus 841 [555/2022]**Insert [accompanying block](#)

9° 24'.0 S

142° 43'.0 E

**605 AUSTRALIA - SOUTH AUSTRALIA - Point Lowly - Depths**

Hydro Survey

**Aus 136 [1058/2021]**Insert [accompanying ZOC diagram](#)  
[accompanying block](#)

32° 55'.0 S

138° 00'.0 E

32° 59'.4 S

137° 48'.6 E

**Aus 485 [480/2022]**Delete depth, 24m  
20m contour, centred on

32° 59'.6 S

137° 48'.5 E

33° 00'.4 S

137° 48'.1 E

**Aus 778 [525/2022]**Insert [accompanying block](#)

33° 00'.0 S

137° 47'.6 E

**606 AUSTRALIA - VICTORIA - Cape Otway - Wreck southwards**

Deakin University

**Aus 349 [NE 10/12/2021]**

Replace wreck depth, 65m, with wreck depth, 71m

38° 58'.7 S

143° 30'.4 E

**Aus 487 [563/2022]**

Replace wreck depth, 65m, with wreck depth, 71m

38° 58'.7 S

143° 30'.4 E

**Aus 787 [277/2021]**

Replace wreck depth, 65m, with wreck depth, 71m

38° 58'.7 S

143° 30'.4 E

**Aus 788 [562/2022]**

Replace wreck depth, 65m, with wreck depth, 71m

38° 58'.7 S

143° 30'.4 E

**607 AUSTRALIA - BASS STRAIT - South West Isle - Light**

Australian Maritime Safety Authority

**Aus 487 [606/2022]**

Amend light range to 11M

39° 31'.3 S

147° 07'.6 E

**Aus 802 [736/2021]**

Amend light range to 11M

39° 31'.3 S

147° 07'.6 E

**608(T)/2022 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Anchoring prohibited removed**

Former Notice - 707(T)/2017 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 242****609(T)/2022 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Light beacon restored**

Former Notice - 16(T)/2021 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 817 - Aus 818****610(T)/2022 AUSTRALIA - QUEENSLAND - Cairns - Scientific instruments**

Maritime Safety Queensland Notice 336(T)/2022

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
16° 45'.90 S 145° 48'.66 E	subsurface scientific instrument marked by a white spherical buoy
16° 46'.38 S 145° 50'.76 E	subsurface scientific instrument marked by a white spherical buoy
16° 48'.30 S 145° 44'.46 E	special light buoy, Fl. Y. 2s
16° 52'.14 S 145° 50'.70 E	special light buoy, Fl. Y. 2s
16° 53'.46 S 145° 47'.70 E	special light buoy, Fl. Y. 2s
16° 57'.90 S 145° 47'.76 E	special light buoy, Fl. Y. 2s.

**Chart temporarily affected - Aus 262 - Aus 830****611(T)/2022 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations**

Maritime Safety Queensland Notice 341(T)/2022

The dredge *Brisbane* and vessel *Pacific Titan* are conducting dredging and bed levelling operations in the Port of Cairns (16° 55'.0 S 145° 47'.0 E).

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 262****612(T)/2022 AUSTRALIA - QUEENSLAND - Cape Ferguson - Scientific instruments eastwards recovered**

Former Notice - 278(T)/2022 is cancelled  
Australian Institute of Marine Science

Cancel this notice on receipt.

**Chart formerly affected - Aus 827**

**613(T)/2022 AUSTRALIA - QUEENSLAND - Cumberland Islands to Hydrographers Passage - Survey operations**  
EGS Survey Pty Ltd

On or about 11 August 2022, vessel *Sea Ranger* will be conducting survey operations between positions 21° 15'.80 S 149° 30'.90 E and 19° 44'.70 S 150° 22'.40 E.

Tide gauges marked by special light buoys, *Fl. Y.2s*, exist in the following positions:

19° 44'.7 S 150° 22'.4 E  
 19° 55'.9 S 150° 25'.9 E  
 19° 56'.3 S 150° 16'.1 E  
 20° 03'.8 S 150° 16'.5 E  
 20° 13'.5 S 150° 13'.5 E  
 20° 17'.2 S 150° 27'.1 E  
 20° 24'.4 S 150° 18'.5 E  
 20° 32'.2 S 150° 26'.2 E  
 20° 37'.3 S 150° 17'.0 E  
 20° 38'.0 S 150° 05'.2 E  
 20° 46'.8 S 150° 01'.1 E  
 20° 48'.1 S 149° 49'.3 E  
 20° 57'.1 S 149° 43'.3 E  
 21° 02'.8 S 149° 33'.3 E  
 21° 15'.8 S 149° 30'.9 E.

Current meters exist on the seabed in the following positions:

19° 48'.1 S 150° 22'.2 E  
 20° 03'.8 S 150° 16'.5 E  
 20° 17'.4 S 150° 19'.0 E  
 20° 30'.0 S 150° 20'.0 E  
 20° 37'.6 S 150° 11'.7 E.

Mariners are advised to navigate with caution in the area. A 100m clearance of the light buoys is requested.

**Chart temporarily affected - Aus 249 - Aus 251 - Aus 367 - Aus 821 - Aus 823 - Aus 824**

**614(T)/2022 AUSTRALIA - QUEENSLAND - Hay Point - Mooring anchors**  
Maritime Safety Queensland Notice 333(T)/2022

Mooring anchors exist as follows:

<i>Position</i>	<i>Remarks</i>
21° 15'.68 S 149° 18'.87 E	lit yellow mooring buoy, <i>Fl. Y.15s</i>
21° 15'.64 S 149° 18'.84 E	lit yellow mooring buoy, <i>Fl. Y.15s</i>
21° 15'.62 S 149° 18'.83 E	
21° 15'.55 S 149° 18'.81 E.	

**Chart temporarily affected - Aus 250**

**615(T)/2022 AUSTRALIA - QUEENSLAND - Proserpine River - Light beacon relit**

*Former Notice - 379(T)/2017* is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 252 - Aus 824**

**616(T)/2022 AUSTRALIA - QUEENSLAND - Rattlesnake Island - Live firing**

Maritime Safety Queensland Notice 310(T)/2022

Live firing activities will be conducted within a 5M radius of position 19° 02'.45 S 146° 36'.72 E during the period 15 to 26 August and 29 August 2022.

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

**Chart temporarily affected - Aus 256**

**617(T)/2022 AUSTRALIA - QUEENSLAND - Weipa - Embley River - Light buoy removed**

Former Notice - 179(T)/2017 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 4****618(T)/2022 AUSTRALIA - NORTHERN TERRITORY - Darwin - Military exercise**

Department of Defence

Mariners are advised that there will be an increase in Naval activity in the Port of Darwin from 11 to 24 September 2022 associated with Exercise KAKADU 2022.

The North Australia Exercise Area (NAXA) will be activated for military exercises including live firing in an area bounded by: 12° 49'.33 S 130° 46'.65 E, 15° 05'.73 S 129° 54'.35 E, thence the minor arc of a circle of 170NM radius centred on Darwin DME (12° 25'.40 S 130° 54'.38 E), to 11° 35'.80 S 128° 08'.38 E, 12° 18'.20 S 130° 29'.90 E, thence the minor arc of a circle of 25NM radius centred on Darwin DME, to 12° 49'.33 S 130° 46'.65 E and 12° 18'.88 S 131° 19'.05 E, thence the minor arc of a circle of 25NM radius centred on Darwin DME, to 12° 00'.28 S 130° 54'.88 E, 9° 54'.73 S 130° 52'.12 E, thence the minor arc of a circle of 150NM radius centred on Darwin DME, to 11° 41'.02 S 133° 20'.67 E, 12° 18'.88 S 131° 19'.05 E.

Vessels should expect that live firing will take place within the NAXA during the period of the exercise at any time.

Merchant traffic may be invited to alter course to facilitate naval training manoeuvres. Vessels transiting the area during the exercise period are advised to navigate with caution, monitor VHF Channel 16, and ensure their vessels Automatic Identification Systems (AIS) is activated. Temporary anchorages have been established in the vicinity of Talc Head. There will be an increase in traffic crossing between the temporary anchorages and Darwin Naval Base. Mariners are advised to navigate with additional caution. Maritime industry enquiries related to Exercise KAKADU should be directed to RAN Maritime Trade Operations via phone +61 (0) 431764980 or email MTO.OPSO@defence.gov.au.

**Chart temporarily affected - Aus 18 - Aus 20 - Aus 26 - Aus 309 - Aus 310 - Aus 315 - Aus 316 - Aus 714 - Aus 719 - Aus 720 - Aus 721 - Aus 4721 (INT 721)****619(T)/2022 AUSTRALIA - NORTHERN TERRITORY - Veronica Island - Light unlit**

Australian Maritime Safety Authority Auscoast Warning 150/2022

The light, *Fl.5s 20m 10M* (12° 02'.57 S 136° 47'.12 E), is unlit.

**Chart temporarily affected - Aus 306 - Aus 715 - Aus 4720 (INT 720) - Aus 4721 (INT 721)****620(T)/2022 AUSTRALIA - TIMOR SEA - Van Cloon Shoal - Subsea operations northwards completed**

Former Notice - 389(T)/2021 is cancelled  
Gulf Agency Company (Australia)

Cancel this notice on receipt.

**Chart formerly affected - Aus 312 - Aus 315 - Aus 4721 (INT 721)****621(T)/2022 TIMOR-LESTE - Dili - Survey operations completed**

Former Notice - 175(T)/2022 is cancelled  
Marine Tech Systems

Cancel this notice on receipt.

**Chart formerly affected - Aus 312 - Aus 313 - Aus 321 - Aus 901****622(T)/2022 INDONESIA - Selaru - Scientific instruments recovered**

Former Notice - 254(T)/2020 is cancelled  
RPS Group

Cancel this notice on receipt.

**Chart formerly affected - Aus 310 - Aus 4721 (INT 721)**

**623(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Koombana Bay - Harbour works**

Department of Transport WA Notice 1852/2022

On or about 17 August 2022, works associated with the demolition and construction of the boat ramp in the vicinity of position 33° 18'.71 S 115° 38'.28 E will commence.

The works area will be marked by special light buoys.

The barge *TMC1* and support vessels will be conducting piling operations and unlit piles may exist in the area.

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

The boat ramp will be closed for the duration of the works.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 115****624(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Cape Leeuwin - Light altered**

Australian Maritime Safety Authority Auscoast Warning 232/2021

The light, *Fl.7-5s 56m 25M* (34° 22'.49 S 115° 08'.18 E), has been temporarily altered to *Fl.7-5s 56m 20M*.

**Chart temporarily affected - Aus 116 - Aus 335 - Aus 336 - Aus 4070 (INT 70) - Aus 4708 (INT 708) - Aus 4709 (INT 709) - Aus 4710 (INT 710)****625(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Cape Leeuwin - Light altered**

*Former Notice - 988(T)/2021* is cancelled

Australian Maritime Safety Authority Auscoast Warning 232/2021

Cancel this notice on receipt.

**Chart formerly affected - Aus 116 - Aus 335 - Aus 336 - Aus 4070 (INT 70) - Aus 4708 (INT 708) - Aus 4709 (INT 709) - Aus 4710 (INT 710) - Aus 4725 (INT 725) - Aus 4726 (INT 726)****626(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Naturaliste Channel - Scientific instrument recovered**

*Former Notice - 284(T)/2021* is cancelled

Department of Transport WA

Cancel this notice on receipt.

**Chart formerly affected - Aus 331****627(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Light unlit**

Australian Maritime Safety Authority Auscoast Warning 126/2022

The light, *Fl.10s 129m 21M* (21° 48'.37 S 114° 09'.61 E), is unlit.

**Chart temporarily affected - Aus 328 - Aus 329 - Aus 744 - Aus 745 - Aus 4708 (INT 708) - Aus 4723 (INT 723) - Aus 4725 (INT 725)****628(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Light buoys unlit**

Department of Transport WA Notice 1894(T)/2022

The lights buoys, *Fl.G.3s* (21° 33'.62 S 115° 04'.15 E) and *Fl.R.3s* (21° 33'.59 S 115° 04'.23 E), are unlit.

**Chart temporarily affected - Aus 64 - Aus 743**

**629(T)/2022 INDIAN OCEAN - Coco (Keeling) Islands to Christmas Island - Survey operations completed**

Former Notice - 335(T)/2022 is cancelled  
Marine Tech Systems

Cancel this notice on receipt.

**Chart formerly affected - Aus 400 - Aus 606 - Aus 608 - Aus 4708 (INT 708) - Aus 4714 (INT 714)**

**630(T)/2022 AUSTRALIA - VICTORIA - Cape Duquesne - Scientific instruments**

Maritime Safety Victoria Notice 165(T)/2019

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
38° 24'.52 S 141° 16'.26 E	25m below surface
38° 24'.24 S 141° 17'.48 E	84m below surface
38° 24'.10 S 141° 18'.04 E	76m below surface
38° 23'.97 S 141° 18'.60 E	69m below surface
38° 23'.83 S 141° 19'.16 E	70m below surface
38° 23'.69 S 141° 19'.73 E	67m below surface
38° 23'.56 S 141° 20'.25 E	67m below surface
38° 23'.44 S 141° 20'.73 E	61m below surface
38° 23'.34 S 141° 21'.18 E	50m below surface
38° 23'.24 S 141° 21'.57 E	30m below surface
38° 23'.15 S 141° 21'.91 E	18m below surface.

**Chart temporarily affected - Aus 140 - Aus 348 - Aus 349**

**631(T)/2022 AUSTRALIA - VICTORIA - Cape Duquesne - Scientific instruments**

Former Notice - 737(T)/2019 is cancelled  
Maritime Safety Victoria Notice 165(T)/2019

Cancel this notice on receipt.

**Chart formerly affected - Aus 140 - Aus 348 - Aus 349 - Aus 4728 (INT 728)**

**632(T)/2022 AUSTRALIA - VICTORIA - Port Albert Entrance - Scientific instruments eastwards recovered**

Former Notice - 39(T)/2020 is cancelled  
Star of the South Wind Farm

Cancel this notice on receipt.

**Chart formerly affected - Aus 357 - Aus 487 - Aus 802**

**633(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Ricketts Point - Light beacons restored**

Former Notice - 337(T)/2022 is cancelled  
Parks Victoria Notice 256/2022

Cancel this notice on receipt.

**Chart formerly affected - Aus 155**

**634(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Daveys Bay - Light relit**

Former Notice - 466(T)/2022 is cancelled  
Parks Victoria Notice 254/2022

Cancel this notice on receipt.

**Chart formerly affected - Aus 143**



**635(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Pinnacle Channel - Light buoy restored**

*Former Notice* - 463(T)/2022 is cancelled  
Parks Victoria Notice 256/2022

Cancel this notice on receipt.

**Chart formerly affected - Aus 143****636(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne Channel - Light beacon restored**

*Former Notice* - 247(T)/2022 is cancelled  
Ports Victoria Notice 252(T)/2022

Cancel this notice on receipt.

**Chart formerly affected - Aus 155****637(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Mornington - Light beacon removed**

*Former Notice* - 590(T)/2022 is cancelled  
Parks Victoria Notice 427(T)/2021, 268/2022

The west cardinal light beacon, VQ(9)10s (38° 13'.42 S 145° 01'.58 E), has been removed; a west cardinal light buoy, VQ(9)10s, exists in situ.

**Chart temporarily affected - Aus 143****638(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Chelsea - Buoy off station westwards**

Parks Victoria Notice 263(T)/2022

The special buoy, No2 (38° 03'.07 S 145° 04'.52 E), is off station.

**Chart temporarily affected - Aus 143 - Aus 155****639(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling; virtual AIS**

*Former Notice* - 658(T)/2021 is cancelled  
Victorian Ports Corporation (Melbourne) Notice 265(T)/2022

Shoaling exists in the South Channel and is marked by a special virtual AIS as follows:

<i>Position</i>	<i>Remarks</i>
38° 17'.72 S 144° 41'.54 E	TB3
38° 18'.02 S 144° 43'.08 E	TB4.

Vessels with draught greater than 13.5m are advised to navigate north of TB3 and either north or south of TB4.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 144 - Aus 788****640(T)/2022 AUSTRALIA - VICTORIA - Seal Islands - Scientific instruments northeastwards recovered**

*Former Notice* - 404(T)/2022 is cancelled  
Star of the South Wind Farm

Cancel this notice on receipt.

**Chart formerly affected - Aus 357 - Aus 802**

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**HYDROGRAPHIC REPORTS**

NIL