



26 May 2023

Edition 11

# AUSTRALIAN NOTICES TO MARINERS

## Notices 421 - 466

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 Australian Hydrographic Office (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 (e-mail [datacentre@hydro.gov.au](mailto:datacentre@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 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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**421 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts**

Australian Hydrographic Office

**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>Publication Date</i>	<i>Remarks</i>
NIL			

**New Editions and Withdrawn Charts**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
Aus 209 <b>(Edition 5)</b>	Australia - East Coast - New South Wales - Port Stephens	1:25 000	26 May 2023	New edition with general updating throughout; including new bathymetric data. <b>Chart Aus 209 Edition 4 dated 1 July 2016 is now superseded and must be withdrawn from use.</b>
Aus 813 <b>(Edition 2)</b>	Australia - East Coast - New South Wales - Clarence River to Point Danger	1:150 000	26 May 2023	New edition with general updating throughout; including new bathymetric data. <b>Chart Aus 813 Edition 1 dated 24 April 2009 is now superseded and must be withdrawn from use.</b>

**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.

**422 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 730	Australia - North West Coast - Western Australia - Lamarck Island to Degerando Island	1:150 000	New edition with general updating throughout; including new bathymetric data.
Aus 800	Australia - Tasmania - Furneaux Group	1:150 000	New edition with general updating throughout; including new bathymetric data.
Aus 807	Australia - East Coast - New South Wales - Montague Island to Jervis Bay	1:150 000	New edition with general updating throughout; including new bathymetric data.

**423 AUSTRALIA - NEW SOUTH WALES - Trial Bay - Fish aggregating device**

NSW Department of Primary Industries

**Aus 811 [925/2021]**

Replace	buoy with special conical light buoy, <i>Fl.Y.5s FAD</i> , without topmark	30° 52'.7 S	153° 03'.2 E
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**424 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Light buoy**

Maritime Safety Queensland Notice 207/2023

**Aus 262 (Trinity Inlet) [143/2022]**

Move	light buoy to	16° 55'.58 S	145° 47'.06 E
		16° 55'.559 S	145° 47'.071 E

**425 AUSTRALIA - QUEENSLAND - Karumba - Plan withdrawn; ZOC diagram; chart limits; chart note; legends; mooring buoy; nomenclature**

Australian Hydrographic Office

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

**Aus 6 [646/2022]**

Insert	accompanying chart note, ELECTRONIC NAVIGATIONAL CHART (ENC)	17° 23'.2 S	140° 47'.1 E
	magenta legend, <i>ENC (see Note)</i>	17° 27'.94 S	140° 49'.38 E
	lit yellow cylindrical mooring buoy, <i>Q.R</i>	17° 29'.452 S	140° 49'.891 E
	name, <i>Karumba</i>	17° 29'.6 S	140° 50'.3 E
Delete	magenta limits with legend, see Plan, centred on	17° 28'.9 S	140° 49'.8 E
	ZOC diagram panel, centred on	17° 29'.38 S	140° 41'.58 E
	depth, 9 <sub>3</sub> m	17° 29'.47 S	140° 49'.89 E
	magenta limits with legend, see Plan, centred on	17° 29'.96 S	140° 41'.64 E

**Aus 6 (Karumba) [646/2022]**

Delete	plan, KARUMBA	17° 29'.0 S	140° 49'.8 E
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**426 AUSTRALIA - QUEENSLAND - Mackay - Scientific instruments**

Maritime Safety Queensland Notice 210/2023

**Aus 250 (Mackay Harbour) [NE 31/3/2023]**

Insert	special spherical light buoy, <i>F(5)Y.20s</i> , without topmark	21° 06'.439 S	149° 14'.374 E
Delete	light buoy	21° 06'.04 S	149° 15'.52 E

**427 AUSTRALIA - QUEENSLAND - Upstart Bay - Coastline**

Australian Geospatial-Intelligence Organisation

**Aus 826 [518/2022]**

Insert	accompanying block	19° 47'.5 S	147° 43'.5 E
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**428 AUSTRALIA - TIMOR SEA - Sahul Banks - Jabiru Shoals - Depths**

Guardian Geomatics

**Aus 314 [1052/2021]**

Replace	depth, 9 <sub>3</sub> m, with depth, 11 <sub>4</sub> m	11° 39'.3 S	125° 06'.6 E
	depth, 25 <sub>4</sub> m, with depth, 25 <sub>2</sub> m	11° 40'.3 S	125° 04'.7 E
	depth, 29 <sub>7</sub> m, with depth, 29 <sub>2</sub> m	11° 42'.5 S	125° 04'.7 E
	depth, 11 <sub>7</sub> m, with depth, 13 <sub>4</sub> m	11° 42'.8 S	125° 01'.1 E
	depth, 12 <sub>7</sub> m, with depth, 11 <sub>8</sub> m	11° 43'.9 S	125° 00'.7 E
	depth, 14 <sub>6</sub> m, with depth, 15 <sub>8</sub> m	11° 45'.4 S	124° 57'.8 E
	depth, 9 <sub>9</sub> m, with depth, 12 <sub>6</sub> m	11° 46'.8 S	124° 56'.6 E
	depth, 16m, with depth, 15 <sub>7</sub> m	11° 47'.1 S	124° 54'.9 E

**Aus 4722 (INT 722) [93/2023]**

Replace	depth, 9 <sub>3</sub> m, with depth, 11 <sub>4</sub> m	11° 39'.3 S	125° 06'.6 E
	depth, 11 <sub>7</sub> m, with depth, 11 <sub>8</sub> m	11° 42'.8 S	125° 01'.1 E
	depth, 9 <sub>9</sub> m, with depth, 12 <sub>6</sub> m	11° 46'.8 S	124° 56'.6 E

**429 AUSTRALIA - WESTERN AUSTRALIA - Bateman Bay - Depths**

Geoscience Australia

**Aus 745 [1013/2022]**

Insert	contour, between	23° 05'.55 S	113° 46'.07 E
		23° 05'.73 S	113° 46'.02 E
		23° 05'.90 S	113° 46'.40 E

Replace	depth, 19 <sub>2</sub> m, with depth, 17 <sub>8</sub> m	23° 03'.7 S	113° 45'.3 E
	depth, 1 <sub>2</sub> m, with depth, 1 <sub>7</sub> m	23° 06'.5 S	113° 46'.4 E

Delete	contour, between	23° 05'.6 S	113° 46'.1 E
		23° 05'.9 S	113° 46'.4 E

**Aus 746 [1013/2022]**

Insert	contour, between	23° 05'.55 S	113° 46'.07 E
		23° 05'.73 S	113° 46'.02 E
		23° 05'.90 S	113° 46'.40 E

Replace	depth, 1 <sub>2</sub> m, with depth, 1 <sub>7</sub> m	23° 06'.5 S	113° 46'.4 E
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Delete	contour, between	23° 05'.6 S	113° 46'.1 E
		23° 05'.9 S	113° 46'.4 E

**430 AUSTRALIA - WESTERN AUSTRALIA - Bremer Bay - Depths**

Geoscience Australia

**Aus 337 (Bremer Bay) [262/2023]**

Insert	depth, 29 <sub>3</sub> m and extend contour SE to enclose	34° 23'.82 S	119° 25'.77 E
	depth, 29 <sub>2</sub> m, enclosed by contour	34° 24'.77 S	119° 27'.28 E

**431 AUSTRALIA - WESTERN AUSTRALIA - Cowaramup Point - Depths westwards**

Geoscience Australia

**Aus 335 [521/2022]**

Insert	depth, 198m and extend contour W to enclose	33° 52'.98 S	114° 28'.65 E
Delete	depth, 212m	33° 52'.2 S	114° 28'.6 E

**432 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Depths**

Precision Hydrographic Services

**Aus 53 [265/2023]**

Insert	depth, 3 <sub>5</sub> m, enclosed by contour	20° 11'.91 S	118° 34'.61 E
	depth, 4 <sub>6</sub> m, enclosed by contour	20° 11'.91 S	118° 34'.74 E

**Aus 326 [388/2023]**

Insert	depth, 5m, enclosed by contour	20° 11'.53 S	118° 35'.19 E
	depth, 3 <sub>5</sub> m and extend contour NE to enclose	20° 11'.91 S	118° 34'.61 E

Delete	depth, 3 <sub>8</sub> m, and enclosing contour	20° 11'.3 S	118° 34'.6 E
	depth, 3 <sub>7</sub> m	20° 12'.2 S	118° 34'.5 E

**433 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Depths**

Precision Hydrographic Services

**Aus 55 [388/2023]**

Insert	depth, 11 <sub>2</sub> m	20° 29'.04 S	117° 14'.70 E
Delete	depth, 11 <sub>2</sub> m	20° 29'.5 S	117° 14'.4 E

**434 AUSTRALIA - WESTERN AUSTRALIA - Red Bluff - Light**

Department of Transport WA

**Aus 323 [228/2023]**

Amend	light range to 13M	17° 03'.3 S	122° 19'.1 E
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**Aus 324 [124/2023]**

Amend	light range to 13M	17° 03'.3 S	122° 19'.1 E
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**Aus 4722 (INT 722) [428/2023]**

Amend	light range to 13M	17° 03'.3 S	122° 19'.1 E
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**435 AUSTRALIA - VICTORIA - Kent Group - Deal Island - Rock**

Department of Defence

**Aus 487 [355/2023]**

Insert	depth, 45m, enclosed by danger circle with legend, <i>R</i> , and legend, <i>Rep</i> (2023)	39° 30'.90 S	147° 23'.44 E
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**Aus 802 [187/2023]**

Insert	depth, 45m, enclosed by danger circle with legend, <i>R</i> , and legend, <i>Rep</i> (2023)	39° 30'.90 S	147° 23'.44 E
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**436 AUSTRALIA - VICTORIA - Port Phillip - Artificial reefs**

The Nature Conservancy

**Aus 143 [267/2023]**

Insert	fish haven with minimum depth, 3 <sub>4</sub> m, centred on	37° 53'.92 S	144° 56'.76 E
	fish haven, centred on	38° 06'.01 S	144° 26'.93 E
	fish haven with minimum depth, 2 <sub>5</sub> m, centred on	38° 07'.17 S	144° 30'.31 E
	fish haven with minimum depth, 4 <sub>3</sub> m, centred on	38° 19'.65 S	144° 57'.03 E

Delete	fish haven, centred on	37° 53'.8 S	144° 56'.5 E
	depth, 2m	38° 06'.0 S	144° 26'.9 E
	fish haven, centred on	38° 06'.6 S	144° 30'.9 E
	depth, 4 <sub>3</sub> m	38° 07'.2 S	144° 30'.6 E
	fish haven, centred on	38° 19'.7 S	144° 57'.1 E

**Aus 155 [267/2023]**

Insert	fish haven with minimum depth, 3 <sub>4</sub> m, centred on	37° 53'.920 S	144° 56'.761 E
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Delete	fish haven, centred on	37° 53'.79 S	144° 56'.54 E
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**Aus 157 [267/2023]**

Insert	fish haven, centred on	38° 06'.012 S	144° 26'.933 E
	contour value, 2	38° 06'.099 S	144° 26'.982 E
	fish haven with minimum depth, 2 <sub>5</sub> m, centred on	38° 07'.170 S	144° 30'.310 E

Delete	depth, 2m	38° 06'.03 S	144° 26'.91 E
	fish haven, centred on	38° 06'.58 S	144° 30'.90 E

**437 AUSTRALIA - TASMANIA - Bartalumba Bay - Marine farm**

Northern Territory Government Notice 18/2023

**Aus 14 [181/2023]**

Insert	dashed line and marine farm symbol with legend, ( <i>see Note</i> ), between	13° 49'.10 S	136° 27'.51 E
		13° 49'.54 S	136° 27'.79 E
		13° 49'.98 S	136° 27'.79 E
		13° 49'.80 S	136° 28'.17 E
		13° 49'.73 S	136° 28'.62 E
		13° 48'.89 S	136° 28'.62 E
		13° 49'.10 S	136° 27'.51 E

**438 AUSTRALIA - TASMANIA - Furneaux Group - Babel Island - Depths**

Australian Hydrographic Office

**Aus 487 [435/2023]**

Insert	accompanying ZOC diagram	38° 26'.0 S	146° 00'.0 E
	accompanying block	39° 40'.0 S	148° 36'.0 E

**439 SOLOMON ISLANDS - Honiara - Mooring buoys**

Solomon Islands Maritime Authority Notice 6/2023

**SLB 101 (Lungga Roads) [781/2022]**

Insert	orange cylindrical mooring buoy	9° 25'.755 S	159° 58'.679 E
	orange cylindrical mooring buoy	9° 25'.786 S	159° 58'.267 E
	orange cylindrical mooring buoy	9° 25'.787 S	159° 58'.588 E
	orange cylindrical mooring buoy	9° 25'.792 S	159° 58'.413 E

Delete	depth, 27 <sub>6</sub> m	9° 25'.78 S	159° 58'.40 E
	buoy	9° 25'.80 S	159° 58'.44 E

**440(T)/2023 AUSTRALIA - QUEENSLAND - Bowen - Stone Island - Sinclair Head - Light relit**

Former Notice - 241(T)/2023 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 268 - Aus 825 - Aus 826**

**441(T)/2023 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Scientific instrument**

Maritime Safety Queensland Notice 205(T)/2023

A special light buoy, *Fl.Y.2.5s*, exists in position 27° 26'.87 S 153° 04'.88 E.

**Chart temporarily affected - Aus 237**

**442(T)/2023 AUSTRALIA - QUEENSLAND - Gladstone - Beacon replacement works**

Maritime Safety Queensland Notice 218(T)/2023

Barge *PMG 182* and tug *Black Panther* are conducting beacon replacement works in Gladstone Harbour.

Vessels will monitor VHF Ch 16.

Mariners are advised a no wash zone exists around the vessels and to navigate with caution in the area.

**Chart temporarily affected - Aus 245 - Aus 246**

**443(T)/2023 AUSTRALIA - QUEENSLAND - Great Barrier Reef - Hydrographers Passage - Little Bugatti Reef - Light sectors restored**

Former Notice - 401(T)/2023 is cancelled  
Australian Maritime Safety Authority

Cancel this notice on receipt.

**Chart formerly affected - Aus 821**

**444(T)/2023 AUSTRALIA - QUEENSLAND - Mackay - Scientific instrument**

Maritime Safety Queensland Notice 204(T)/2023

A special light buoy, *Fl(5)Y.20s*, exists in position 21° 06'.46 S 149° 14'.39 E.

**Chart temporarily affected - Aus 249 - Aus 250**

**445(T)/2023 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing**  
Maritime Safety Queensland Notice 183(T)/2023

Live firing will be conducted in the marine component of the Shoalwater Bay training area during the period 5 to 9 June 2023.

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

22° 21'.20 S 150° 10'.52 E  
22° 35'.87 S 150° 28'.80 E  
22° 46'.20 S 150° 48'.51 E  
22° 41'.12 S 150° 50'.17 E  
22° 32'.22 S 150° 47'.36 E  
22° 26'.69 S 150° 45'.01 E  
22° 24'.73 S 150° 44'.95 E  
22° 20'.36 S 150° 43'.10 E  
22° 18'.98 S 150° 33'.98 E  
22° 22'.58 S 150° 30'.40 E  
22° 30'.20 S 150° 33'.89 E  
22° 31'.07 S 150° 34'.01 E  
22° 33'.77 S 150° 32'.70 E  
22° 23'.84 S 150° 18'.02 E  
22° 20'.35 S 150° 12'.00 E.

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

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

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

**Chart temporarily affected - Aus 248 - Aus 260 - Aus 367 - Aus 490 - Aus 820 - Aus 822**

**446(T)/2023 PAPUA NEW GUINEA - Hood Point to Table Bay - Seismic survey southwards**  
National Maritime Safety Authority PNG Coastal Navigation Warning 15/2023, Australian Maritime Safety Authority

Vessel *PXGEO 2*, with a 11112m towed array, is conducting a seismic survey in an area bounded by the following positions:

10° 35'.42 S 147° 37'.13 E  
10° 49'.55 S 149° 14'.97 E  
10° 26'.65 S 149° 12'.30 E  
10° 13'.45 S 147° 40'.72 E.

Mariners are advised to navigate with caution in the area. 7M clearance requested.

**Chart temporarily affected - Aus 4603 (INT 603) - Aus 4604 (INT 604) - PNG 505 - PNG 506 - PNG 507 - PNG 623**

**447(T)/2023 AUSTRALIA - NORTHERN TERRITORY - Darwin - Survey operations**  
Northern Territory Government Notice 42(T)/2023

Vessel *Bhagwan Dryden* and a ROV are conducting unexploded ordinance survey operations within a 1000m radius of position 12° 31'.64 S 130° 50'.35 E.

The vessel will display appropriate lights and shapes and will monitor VHF Ch 10 and Ch 16.

Mariners are advised to navigate with caution in the area and keep a safe distance from the survey vessel and towed equipment.

**Chart temporarily affected - Aus 26**

**448(T)/2023 AUSTRALIA - NORTHERN TERRITORY - Darwin - Survey operations completed**  
*Former Notice - 102(T)/2023 is cancelled*  
Northern Territory Government

Cancel this notice on receipt.

**Chart formerly affected - Aus 25 - Aus 26 - Aus 309**

**449(T)/2023 AUSTRALIA - NORTHERN TERRITORY - Fish Reef - Light relit**

*Former Notice* - 410(T)/2023 is cancelled  
Northern Territory Government

Cancel this notice on receipt.

**Chart formerly affected - Aus 309 - Aus 316**

**450(T)/2023 AUSTRALIA - TIMOR SEA - WESTERN AUSTRALIA - Ashmore Reef to Lynher Bank - Survey operations completed**

*Former Notice* - 288(T)/2023 is cancelled  
Australian Maritime Safety Authority

Cancel this notice on receipt.

**Chart formerly affected - Aus 314 - Aus 317 - Aus 319 - Aus 320 - Aus 322 - Aus 729 - Aus 4722 (INT 722)**

**451(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments**

Chevron Australia

Subsurface scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
20° 41'.57 S 115° 28'.41 E	
20° 44'.65 S 115° 29'.63 E	
20° 46'.23 S 115° 30'.02 E	
20° 47'.47 S 115° 28'.90 E	marked by buoy
20° 47'.49 S 115° 28'.79 E	marked by buoy
20° 47'.52 S 115° 28'.70 E	marked by buoy
20° 47'.53 S 115° 29'.03 E	marked by buoy
20° 47'.62 S 115° 29'.10 E	marked by buoy
20° 47'.86 S 115° 29'.12 E	marked by buoy
20° 49'.34 S 115° 28'.13 E	
20° 50'.61 S 115° 27'.10 E	
20° 53'.53 S 115° 26'.38 E.	

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 65 - Aus 327 - Aus 328 - Aus 742 - Aus 743**

**452(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards**

*Former Notice* - 73(T)/2023 is cancelled  
MV *Pride*

On or about 29 May 2023, MV *Pride* will be conducting subsea operations in the vicinity of position 19° 51'.7 S 114° 30'.9 E.

Mariners are advised to navigate with caution in the area.

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

**453(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Southern Flats - Obstruction**

Department of Transport WA Notice 5694/2023

A 100m floating rope anchored to the seabed exists in position 32° 14'.47 S 115° 42'.75 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 117**

**454(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Holden Point - Survey operations; dredging operations**

Woodside Energy Ltd

Vessels *Gateway*, *Baldur* and *Seapiper* and support vessels are conducting survey and dredging operations between the following positions:

20° 36'.29 S 116° 45'.46 E  
 20° 35'.02 S 116° 44'.67 E  
 20° 30'.00 S 116° 46'.36 E  
 20° 23'.87 S 116° 46'.05 E  
 20° 20'.28 S 116° 42'.47 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 57 - Aus 59 - Aus 327**

**455(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Madeleine Shoals - Wreck**

Australian Maritime Safety Authority

A wreck exists in position 20° 18'.46 S 116° 53'.98 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 57 - Aus 327**

**456(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Lowendal Islands - Varanus Island - Survey operations; scientific instruments**

Santos

Survey operations are in progress between the following positions:

20° 39'.14 S 115° 34'.57 E  
 20° 39'.64 S 115° 30'.42 E  
 and;  
 20° 38'.98 S 115° 34'.81 E  
 20° 38'.51 S 115° 35'.25 E.

Special light buoys exist in positions 20° 39'.86 S 115° 30'.42 E and 20° 38'.30 S 115° 35'.25 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 65 - Aus 327 - Aus 328 - Aus 742**

**457(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Survey operations**

Pilbara Ports Authority Notice PH9(T)/2023

Vessel *Puriya* is conducting survey operations in the inner harbour and shipping channel.

The vessel 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**

**458(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Scientific instrument recovered**

Former Notice - 933(T)/2020 is cancelled

Curtin University

Cancel this notice on receipt.

**Chart formerly affected - Aus 754**

**459(T)/2023 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Scientific instrument**  
Curtin University

A scientific instrument, marked by a special buoy, surfaces 1 to 6 times daily to transmit data in the vicinity of position 31° 58'.5 S 115° 23'.22 E.

**Chart temporarily affected - Aus 754**

**460(T)/2023 AUSTRALIA - SOUTH AUSTRALIA - West Cape Bay - Obstruction**  
Department for Infrastructure and Transport SA

An obstruction has been reported in position 35° 14'.63 S 136° 49'.83 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 780**

**461(T)/2023 AUSTRALIA - VICTORIA - Golden Beach - Safety zone**  
NOPSEMA

On 1 June 2023, a 500m radius safety zone will exist centred on position 38° 14'.96 S 147° 24'.66 E.

**Chart temporarily affected - Aus 357**

**462(T)/2023 AUSTRALIA - VICTORIA - Port Phillip - Indented Head - Light buoy restored**  
*Former Notice - 371(T)/2023 is cancelled*  
Parks Victoria Notice 208(T)/2023

Cancel this notice on receipt.

**Chart formerly affected - Aus 157**

**463(T)/2023 AUSTRALIA - VICTORIA - Port Phillip - Altona - Harbour works**  
*Former Notice - 579(T)/2021 is cancelled*  
Parks Victoria Notice 205(T)/2023

Works associated with the demolition and reconstruction of the jetty are in progress.

An exclusion zone, marked by special light buoys, exists in an area bounded by the coast and the following positions:

37° 52'.25 S 144° 49'.76 E  
37° 52'.32 S 144° 49'.72 E  
37° 52'.39 S 144° 49'.70 E  
37° 52'.46 S 144° 49'.76 E  
37° 52'.45 S 144° 49'.86 E  
37° 52'.40 S 144° 49'.89 E  
37° 52'.33 S 144° 49'.88 E  
37° 52'.25 S 144° 49'.84 E.

All hazards to navigation will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 155**

**464(T)/2023 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Light beacon relit; light buoy removed**  
*Former Notice - 81(T)/2023 is cancelled*  
Parks Victoria Notice 213/2023

Cancel this notice on receipt.

**Chart formerly affected - Aus 144**

**465(T)/2023 AUSTRALIA - VICTORIA - Port Phillip Bay - Wreck**

Ports Victoria Notice 218(T)/2023

A wreck, least depth  $11.4m$ , exists in position  $37^{\circ} 55'.93$  S  $144^{\circ} 56'.86$  E.

**Chart temporarily affected - Aus 143 - Aus 155****466(T)/2023 AUSTRALIA - TASMANIA - Bruny Island - Cape Connella - Scientific instrument**

Marine and Safety Tasmania Notice M213(T)/2023

A special light buoy, *Fl. Y. 1.5s*, exists in position  $43^{\circ} 23'.51$  S  $147^{\circ} 26'.54$  E.

**Chart temporarily affected - Aus 173 - Aus 795 - Aus 796**

II

**HYDROGRAPHIC REPORTS**

NIL



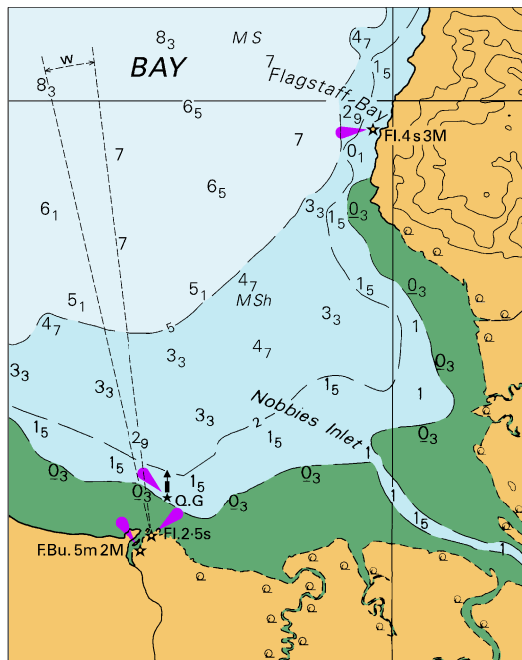
*To accompany Australian Notice to Mariners 425/2023*

**ELECTRONIC NAVIGATIONAL CHART (ENC)**

Larger scale ENC content exists in this area. When using electronic navigation systems, certain vessels (e.g. restricted by depth or size) may benefit from the additional level of detail shown in the largest scale ENC product available.

*Note for chart Aus 6*

To accompany Australian Notice to Mariners 427/2023

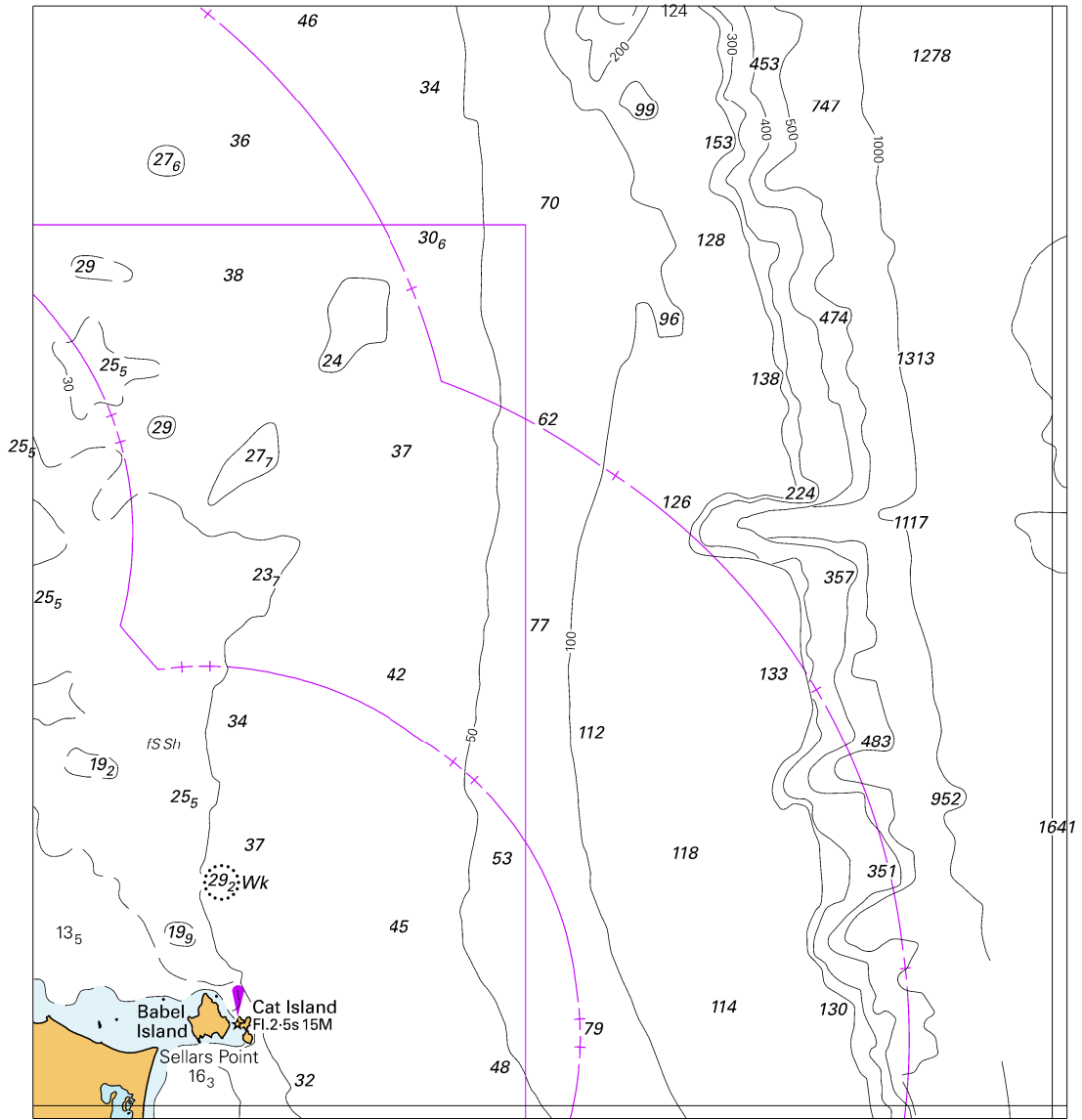


Block for chart Aus 826

(68.8 x 86.7mm)

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To accompany Australian Notice to Mariners 438/2023

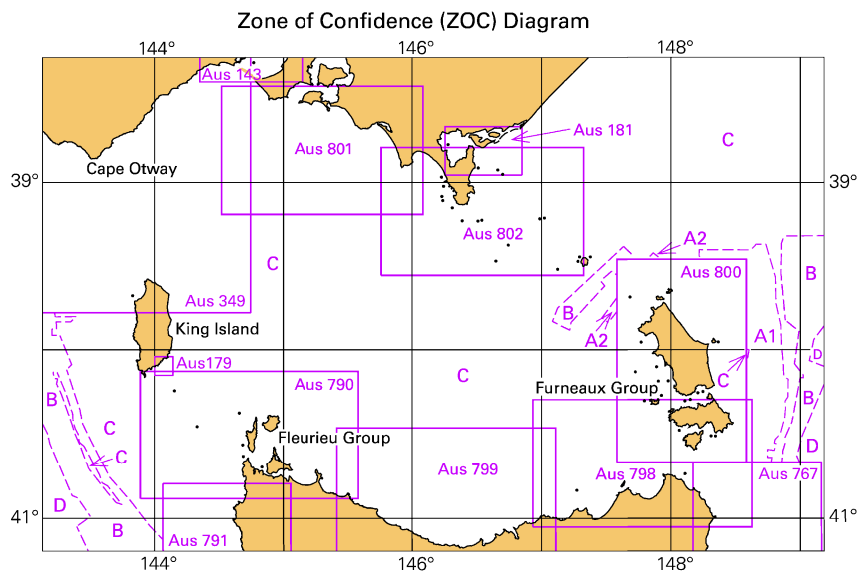


Block for chart Aus 487

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(139.9 x 150.6mm)

To accompany Australian Notice to Mariners 438/2023



Block for chart Aus487

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(103.3 x 65.3mm)