



25 November 2022

Edition 24

# AUSTRALIAN NOTICES TO MARINERS

## Notices 963 - 1003

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*

---

### SECTIONS.

- I. **Australian Notices to Mariners, including blocks and notes.**
- II. **Hydrographic Reports.**

### SUPPLEMENTS.

- I. **Tracings**
  - II. **Cumulative List of Australian Notices to Mariners.**
  - III. **Cumulative List of Temporary and Preliminary Australian Notices to Mariners.**
  - IV. **Temporary and Preliminary Notices in force.**
- 
- 

© Commonwealth of Australia 2022

This work is copyright. Apart from any use permitted under the Copyright Act 1968, no part may be reproduced by any process, adapted, communicated or commercially exploited without prior written permission from The Commonwealth represented by the Australian Hydrographic Office.

## 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 [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)).

---

## 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.

## NUMERICAL INDEX OF NOTICES TO MARINERS

### Edition No 24

Notices	Aus Chart, INT Chart, ENC Cell, AHP, BA Pubs
963	Aus 195, 720, 721
964	Aus 72, SLB 102
965	Aus 489, 807, 808
966	Aus 4602, 4604, INT 602, 604
967	Aus 817
968	Aus 236
969	Aus 236, 814, 815
970	PNG 680
971	Aus 20, 309
972	Aus 309
973	Aus 4060, 4603, INT 60, 603
974	Aus 50, 324
975	Aus 115
976	Aus 324
977	Aus 117
978	Aus 112, 754
979	Aus 81
980	Aus 74, 331
981	Aus 778
982	Aus 140
983	Aus 487, 800
984(T)	Aus 237
985(T)	Aus 242
986(T)	Aus 245
987(T)	Aus 245, 246
988(T)	Aus 236
989(T)	Aus 236
990(T)	Aus 236
991(T)	Aus 236
992(T)	Aus 236
993(T)	Aus 37, 40, 41, 50, 314, 317, 319, 320, 322, 323, 324, 325, 326, 728, 729, 730, 732, 733, 4722, INT 722
994(T)	Aus 754
995(T)	Aus 328, 742
996(T)	Aus 327, 742
997(T)	Aus 328, 329, 4723, INT 723
998(T)	Aus 777, 778
999(T)	Aus 343, 346, 485, 776, 4709, INT 709
1000(T)	Aus 143, 144
1001(T)	Aus 143
1002(T)	Aus 487, 799
1003(T)	Aus 163

## NUMERICAL INDEX OF CHARTS AFFECTED

### Edition No 24

Aus Chart	Notices
Aus 20	971
Aus 37	993(T)
Aus 40	993(T)
Aus 41	993(T)
Aus 50	974, 993(T)
Aus 72	964
Aus 74	980
Aus 81	979
Aus 112	978
Aus 115	975
Aus 117	977
Aus 140	982
Aus 143	1000(T), 1001(T)
Aus 144	1000(T)
Aus 163	1003(T)
Aus 195	963
Aus 236	968, 969, 988(T), 989(T), 990(T), 991(T), 992(T)
Aus 237	984(T)
Aus 242	985(T)
Aus 245	986(T), 987(T)
Aus 246	987(T)
Aus 309	971, 972
Aus 314	993(T)
Aus 317	993(T)
Aus 319	993(T)
Aus 320	993(T)
Aus 322	993(T)
Aus 323	993(T)
Aus 324	974, 976, 993(T)
Aus 325	993(T)
Aus 326	993(T)
Aus 327	996(T)
Aus 328	995(T), 997(T)
Aus 329	997(T)
Aus 331	980
Aus 343	999(T)
Aus 346	999(T)
Aus 485	999(T)
Aus 487	983, 1002(T)
Aus 489	965
Aus 720	963
Aus 721	963
Aus 728	993(T)
Aus 729	993(T)
Aus 730	993(T)
Aus 732	993(T)
Aus 733	993(T)
Aus 742	995(T), 996(T)
Aus 754	978, 994(T)
Aus 776	999(T)
Aus 777	998(T)
Aus 778	981, 998(T)
Aus 799	1002(T)
Aus 800	983

Aus Chart	Notices
Aus 807	965
Aus 808	965
Aus 814	969
Aus 815	969
Aus 817	967
Aus 4060	973
Aus 4602	966
Aus 4603	973
Aus 4604	966
Aus 4709	999(T)
Aus 4722	993(T)
Aus 4723	997(T)
PNG 680	970
SLB 102	964

INT Chart	Notices
INT 60	973
INT 602	966
INT 603	973
INT 604	966
INT 709	999(T)
INT 722	993(T)
INT 723	997(T)

**963 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>Publication Date</i>	<i>Remarks</i>
AU5BNE02	Australia - Queensland - Brisbane (Moreton Bay Entrance to Main Channel)	24 November 2022	The area covered by this new cell was previously within ENC cell AU5BNE01 which has been split into a southern and northern section to create two cells.

**New Editions and Withdrawn Charts**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
Aus 720 <b>(Edition 2)</b>	Australia - North Coast - Northern Territory - Van Diemen Gulf	1:150 000	25 November 2022	New edition with general updating throughout; including new bathymetric data. <b>Chart Aus 720 Edition 1 dated 31 August 2001 is now superseded and must be withdrawn from use.</b>
Aus 721 <b>(Edition 4)</b>	Australia - North Coast - Northern Territory - Port Essington to Snake Bay	1:150 000	25 November 2022	New edition with general updating throughout; including new bathymetric data. <b>Chart Aus 721 Edition 3 dated 30 May 2003 is now superseded and must be withdrawn from use.</b>
Aus 195 <b>(Edition 6)</b>	Australia - East Coast - New South Wales - Approaches to Port Kembla	1:25 000	25 November 2022	New edition with general updating throughout; including new bathymetric data. <b>Chart Aus 195 Edition 5 dated 26 November 2021 is now superseded and must be withdrawn from use.</b>

**Admiralty publication**

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP281(2)	ADMIRALTY List of Radio Signals. Maritime Radio Stations The Americas, Far East and Oceania Volume 1(2) 3rd Edition (2022).	24/11/2022	The 2nd Edition (2021) 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.

**964 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 Electronic Navigation Chart (Aus ENC) to be published shortly**

Cell Name	Title	Remarks
NIL		

**New Editions to be published shortly**

Chart	Title	Scale	Remarks
SLB 102	South Pacific Ocean - Solomon Islands - Plans in the New Georgia Group		New edition with general updating throughout; including new bathymetric data and infrastructure in Port Noro.
	Plans:		
	Blackett Strait	1:50 000	
	Gizo Harbour and Approaches	1:25 000	
	Port Noro	1:20 000	
	Ringgi Cove	1:15 000	
	Lever Harbour	1:7 500	

**Charts to be withdrawn without replacement 9 December 2022**

Chart	Title	Scale	Remarks
Aus 72	Australia - West Coast - Western Australia - Plans in Western		26 August 2011
<b>Edition 1</b>	Australia (Sheet 3)		
	Plans:		Paper chart rationalisation.
	Norwegian Bay and Point Cloates	1:50 000	
	Mauds Landing	1:37 500	
	Point Murat Wharf	1:12 500	
	Exmouth Boat Harbour	1:10 000	

**965 AUSTRALIA - NEW SOUTH WALES - Cape St George - Depth**HMAS *Leeuwin***Aus 489 [709/2022]**

Delete	depth, 73m, and legend, ED	35° 10'.8 S	150° 48'.4 E
--------	----------------------------	-------------	--------------

**Aus 807 [551/2022]**

Delete	depth, 73m, and enclosing contour and legend, ED	35° 10'.8 S	150° 48'.4 E
--------	--	-------------	--------------

**Aus 808 [710/2022]**

Delete	depth, 73m, and enclosing contour and legend, ED	35° 10'.8 S	150° 48'.4 E
--------	--	-------------	--------------

**966 PACIFIC OCEAN - Nouvelle Calédonie to Viti Levu - Submarine cables**  
UKHO

**Aus 4602 (INT 602) [712/2022]**

Insert submarine cable, between

18° 10'.0 S 178° 28'.1 E  
 18° 21'.9 S 178° 26'.6 E  
 18° 30'.2 S 178° 22'.1 E  
 18° 47'.6 S 178° 03'.0 E  
 18° 54'.7 S 177° 49'.6 E  
 18° 59'.1 S 177° 14'.2 E  
 19° 08'.4 S 177° 01'.9 E  
 19° 13'.7 S 176° 35'.0 E  
 19° 24'.7 S 176° 09'.0 E  
 19° 29'.4 S 175° 42'.5 E  
 19° 38'.8 S 175° 08'.6 E  
 19° 43'.1 S 174° 30'.2 E  
 19° 58'.3 S 173° 41'.2 E  
 19° 56'.1 S 173° 28'.3 E  
 20° 00'.2 S 172° 30'.9 E  
 19° 58'.5 S 172° 05'.0 E  
 20° 33'.6 S 170° 36'.7 E  
 20° 37'.5 S 170° 14'.3 E  
 20° 45'.4 S 169° 54'.6 E  
 20° 50'.2 S 169° 02'.8 E  
 20° 48'.3 S 168° 41'.7 E  
 20° 57'.4 S 167° 50'.2 E  
 21° 02'.9 S 167° 39'.2 E  
 21° 10'.5 S 167° 34'.4 E  
 21° 18'.5 S 167° 23'.9 E  
 21° 33'.6 S 167° 30'.2 E  
 22° 17'.9 S 167° 08'.5 E  
 22° 24'.9 S 166° 55'.7 E  
 22° 42'.7 S 167° 18'.4 E  
 22° 40'.1 S 167° 26'.0 E  
 21° 02'.9 S 167° 39'.2 E  
 20° 55'.1 S 167° 30'.0 E  
 20° 51'.7 S 167° 22'.3 E  
 20° 54'.0 S 167° 17'.5 E  
 21° 33'.6 S 167° 30'.2 E  
 21° 36'.2 S 167° 34'.9 E  
 21° 33'.5 S 167° 51'.5 E  
 22° 18'.9 S 167° 06'.3 E  
 22° 11'.0 S 167° 01'.3 E  
 22° 10'.1 S 166° 58'.6 E  
 22° 24'.9 S 166° 55'.7 E  
 22° 21'.7 S 166° 32'.7 E  
 22° 19'.6 S 166° 26'.3 E  
 22° 17'.8 S 166° 24'.6 E  
 22° 16'.1 S 166° 24'.8 E  
 22° 16'.7 S 166° 34'.6 E  
 22° 17'.7 S 166° 33'.7 E  
 22° 19'.0 S 166° 30'.3 E  
 22° 20'.8 S 166° 29'.5 E

submarine cable, between

submarine cable, between

submarine cable, between

submarine cable, between

submarine cable, between

**Aus 4604 (INT 604) [NE 30/9/2022]**

Insert submarine cable, between

18° 10'.0 S 178° 28'.1 E  
 18° 21'.9 S 178° 26'.6 E  
 18° 30'.2 S 178° 22'.1 E  
 18° 47'.6 S 178° 03'.0 E  
 18° 54'.7 S 177° 49'.6 E  
 18° 59'.1 S 177° 14'.2 E  
 19° 08'.4 S 177° 01'.9 E  
 19° 13'.7 S 176° 35'.0 E  
 19° 24'.7 S 176° 09'.0 E  
 19° 29'.4 S 175° 42'.5 E  
 19° 38'.8 S 175° 08'.6 E  
 19° 43'.1 S 174° 30'.2 E  
 19° 58'.3 S 173° 41'.2 E  
 19° 56'.1 S 173° 28'.3 E  
 20° 00'.2 S 172° 30'.9 E

<b>966</b>	<b>PACIFIC OCEAN - Nouvelle Caledonie to Viti Levu - Submarine cables</b>		19° 58'.5 S	172° 05'.0 E	
			20° 33'.6 S	170° 36'.7 E	
			20° 37'.5 S	170° 14'.3 E	
			20° 45'.4 S	169° 54'.6 E	
			20° 50'.2 S	169° 02'.8 E	
			20° 48'.3 S	168° 41'.7 E	
			20° 57'.4 S	167° 50'.2 E	
			21° 00'.0 S	167° 45'.0 E	
		submarine cable, between		21° 00'.0 S	167° 35'.8 E
				20° 55'.1 S	167° 30'.0 E
				20° 51'.7 S	167° 22'.3 E
				20° 54'.0 S	167° 17'.5 E

**967 AUSTRALIA - QUEENSLAND - Hook Point - Depths**  
Maritime Safety Queensland

**Aus 817 [770/2022]**

Insert accompanying block 25° 47'.1 S 153° 09'.7 E

**968 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Nav aids**  
Maritime Safety Queensland Notice 493/2022

**Aus 236 [NE 28/10/2022]**

Replace light buoy with light beacon, *Fl.G.4s No7*, with starboard lateral topmark 27° 11'.6 S 153° 06'.2 E



**969 AUSTRALIA - QUEENSLAND - Moreton Bay - North West Channel - Depths**

Port of Brisbane Pty Ltd

**Aus 236 [968/2022]**

Insert	depth, 24 <sub>7</sub> m	26° 48'.78 S	153° 11'.61 E
	depth, 11 <sub>9</sub> m	26° 51'.68 S	153° 09'.10 E
	depth, 13 <sub>5</sub> m	26° 53'.50 S	153° 10'.10 E
	depth, 12 <sub>4</sub> m	26° 54'.14 S	153° 10'.46 E
	depth, 12 <sub>5</sub> m	26° 59'.62 S	153° 13'.93 E
	depth, 15 <sub>2</sub> m	27° 00'.33 S	153° 14'.44 E
	depth, 15 <sub>5</sub> m	27° 00'.75 S	153° 14'.82 E
	accompanying block	27° 04'.0 S	153° 18'.0 E

Replace	depth, 16m, with depth, 15 <sub>7</sub> m	26° 48'.0 S	153° 11'.4 E
	depth, 20m, with depth, 19 <sub>6</sub> m	26° 48'.6 S	153° 11'.9 E
	depth, 13 <sub>5</sub> m, with depth, 13 <sub>2</sub> m	26° 53'.8 S	153° 10'.5 E
	depth, 13 <sub>2</sub> m, with depth, 12 <sub>8</sub> m	26° 55'.0 S	153° 11'.4 E
	depth, 11 <sub>1</sub> m, with depth, 10 <sub>8</sub> m	26° 55'.8 S	153° 11'.8 E
	depth, 11 <sub>3</sub> m, with depth, 11 <sub>1</sub> m	26° 56'.8 S	153° 12'.4 E
	depth, 14 <sub>5</sub> m, with depth, 14 <sub>3</sub> m	27° 00'.7 S	153° 14'.2 E
	depth, 15m, with depth, 14 <sub>8</sub> m	27° 00'.9 S	153° 14'.5 E

Delete	depth, 20 <sub>4</sub> m	26° 49'.0 S	153° 11'.4 E
	depth, 12m	26° 51'.5 S	153° 09'.0 E
	depth, 12 <sub>3</sub> m	26° 54'.1 S	153° 10'.2 E
	depth, 12 <sub>7</sub> m	26° 54'.3 S	153° 10'.6 E
	depth, 14 <sub>8</sub> m	26° 59'.4 S	153° 14'.0 E

**Aus 814 [NE 28/10/2022]**

Insert	contour, between	27° 03'.36 S	153° 17'.52 E
		27° 03'.45 S	153° 17'.66 E
		27° 04'.32 S	153° 17'.83 E
	depth, 12 <sub>5</sub> m	26° 59'.62 S	153° 13'.93 E

Replace	depth, 11 <sub>1</sub> m, with depth, 10 <sub>8</sub> m	26° 55'.8 S	153° 11'.8 E
---------	---	-------------	--------------

Delete	contour, between	27° 03'.4 S	153° 17'.5 E
		27° 04'.3 S	153° 17'.8 E
	depth, 10 <sub>3</sub> m	27° 03'.3 S	153° 16'.7 E
	depth, 13 <sub>4</sub> m	27° 03'.7 S	153° 17'.7 E

**Aus 815 [NE 28/10/2022]**

Insert	contour, between	27° 03'.36 S	153° 17'.52 E
		27° 03'.45 S	153° 17'.66 E
		27° 04'.32 S	153° 17'.83 E
	depth, 11 <sub>9</sub> m	26° 51'.68 S	153° 09'.10 E
	depth, 12 <sub>5</sub> m	26° 59'.62 S	153° 13'.93 E

Replace	depth, 16m, with depth, 15 <sub>7</sub> m	26° 48'.0 S	153° 11'.4 E
	depth, 11 <sub>1</sub> m, with depth, 10 <sub>8</sub> m	26° 55'.8 S	153° 11'.8 E

Delete	contour, between	27° 03'.4 S	153° 17'.5 E
		27° 04'.3 S	153° 17'.8 E
	depth, 11 <sub>5</sub> m	26° 52'.0 S	153° 08'.7 E
	depth, 10 <sub>3</sub> m	27° 03'.3 S	153° 16'.7 E
	depth, 13 <sub>4</sub> m	27° 03'.7 S	153° 17'.7 E

**970 PAPUA NEW GUINEA - Simpson Harbour - Wrecks**

Land Information New Zealand

**PNG 680 (Simpson and Matupit Harbours) [927/2022]**

Insert	depth, 23 <sub>g</sub> m, enclosed by danger circle with legend, <i>Wk</i>	4° 12'.600 S	152° 10'.097 E
	depth, 30 <sub>g</sub> m, enclosed by danger circle with legend, <i>Wk</i>	4° 13'.800 S	152° 10'.173 E

**971 AUSTRALIA - NORTHERN TERRITORY - Clarence Strait - Depths**

Australian Hydrographic Office

**Aus 20 [814/2021]**

Insert	accompanying block	11° 55'.5 S	131° 13'.5 E
--------	--------------------	-------------	--------------

Amend	magenta legend to A1	12° 09'.9 S	131° 02'.5 E
-------	----------------------	-------------	--------------

**Aus 309 [NE 24/6/2022]**

Insert	accompanying block	11° 55'.5 S	131° 08'.8 E
--------	--------------------	-------------	--------------

**972 AUSTRALIA - NORTHERN TERRITORY - Shepparton Shoal - Depths**HMAS *Flinders***Aus 309 [971/2022]**

Replace	depth, 15 <sub>g</sub> m, with depth, 15 <sub>g</sub> m	12° 06'.6 S	129° 55'.0 E
---------	---	-------------	--------------

Delete	depth, 15m, and enclosing contour	12° 01'.6 S	129° 52'.5 E
--------	-----------------------------------	-------------	--------------

**973 INDONESIA - Banda Sea - Depth; rock**

UKHO Notice 4796/48/2022

**Aus 4060 (INT 60) [902/2018]**

Delete	rock and enclosing danger circle	4° 17'.0 S	126° 17'.0 E
--------	----------------------------------	------------	--------------

**Aus 4603 (INT 603) [NE 30/9/2022]**

Delete	danger circle and legend, Shoal ED	4° 01'.0 S	126° 20'.0 E
	rock and enclosing danger circle and legend, Reef ED	4° 17'.0 S	126° 17'.0 E

**974 AUSTRALIA - WESTERN AUSTRALIA - Broome - Depths**

Kimberley Ports Authority

**Aus 50 [1053/2021]**

Replace	depth, 2 <sub>g</sub> m, with depth, 1 <sub>g</sub> m, and extend contour W to enclose	18° 00'.4 S	122° 13'.3 E
---------	--	-------------	--------------

Delete	depth, 9 <sub>g</sub> m, and enclosing contour	18° 00'.8 S	122° 12'.7 E
--------	--	-------------	--------------

**Aus 324 [17/2022]**

Insert	depth, 9 <sub>g</sub> m, enclosed by contour	17° 53'.85 S	122° 10'.57 E
--------	--	--------------	---------------

Delete	depth, 10 <sub>g</sub> m	17° 53'.8 S	122° 10'.3 E
--------	--------------------------	-------------	--------------

**975 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Depths**

Southern Ports

**Aus 115 [261/2022]**

Insert	accompanying block	33° 16'.0 S	115° 39'.5 E
--------	--------------------	-------------	--------------

**976 AUSTRALIA - WESTERN AUSTRALIA - Cape Bossut - Tower**

Australian Hydrographic Office

**Aus 324 [974/2022]**

Delete	tower	18° 42'.2 S	121° 37'.5 E
--------	-------	-------------	--------------

**977 AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Depths**

Fugro

**Aus 117 [718/2022]**

Insert	depth, 19 <sub>9</sub> m, enclosed by contour	32° 10'.219 S	115° 42'.152 E
	depth, 19 <sub>9</sub> m, enclosed by contour	32° 12'.194 S	115° 42'.196 E
	depth, 19 <sub>9</sub> m, enclosed by contour	32° 12'.634 S	115° 42'.546 E
	depth, 13 <sub>3</sub> m	32° 14'.005 S	115° 41'.699 E

Delete	depth, 21 <sub>1</sub> m	32° 10'.19 S	115° 42'.08 E
	depth, 20 <sub>1</sub> m	32° 12'.59 S	115° 42'.52 E
	depth, 14 <sub>4</sub> m	32° 14'.02 S	115° 41'.73 E

**978 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Hall Bank - Light beacon**

Former Notice - 399(T)/2021 is cancelled

Fremantle Ports

**Aus 112 [150/2022]**

Replace	light beacon with port lateral light beacon, <i>Fl.R.4s</i> , with topmark	32° 01'.84 S	115° 42'.73 E
---------	--	--------------	---------------

**Aus 754 [775/2022]**

Replace	light beacon with port lateral light beacon, <i>Fl.R.4s</i> , with topmark	32° 01'.8 S	115° 42'.7 E
---------	--	-------------	--------------

**979 AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Buoys**

Department of Transport WA Notice WA939/28/2022

**Aus 81 (Geraldton) [365/2021]**

Insert	special spherical buoy without topmark	28° 45'.950 S	114° 36'.590 E
	special spherical buoy without topmark	28° 46'.580 S	114° 35'.020 E

**980 AUSTRALIA - WESTERN AUSTRALIA - Shark Bay - Denham Sound - Spoil ground; depth**

Shark Bay Salt

**Aus 74 [522/2022]**

Insert	dashed line with legend, <i>Spoil Ground</i> , between	25° 51'.78 S	113° 15'.30 E
		25° 51'.78 S	113° 15'.70 E
		25° 51'.42 S	113° 15'.70 E
		25° 51'.42 S	113° 15'.30 E
		25° 51'.78 S	113° 15'.30 E
	depth, 14 <sub>2</sub> m, and extend contour W to enclose	25° 51'.71 S	113° 15'.64 E

**Aus 331 [652/2022]**

Insert	depth, 14 <sub>2</sub> m, and extend contour W to enclose	25° 51'.71 S	113° 15'.64 E
--------	---	--------------	---------------

Delete	depth, 15 <sub>1</sub> m	25° 51'.7 S	113° 15'.2 E
--------	--------------------------	-------------	--------------

**981 AUSTRALIA - SOUTH AUSTRALIA - Yarraville Shoals - Depths**

HydroSurvey Australia

**Aus 778 (Yarraville Shoals) [605/2022]**

Insert	depth, 20 <sub>2</sub> m	33° 15'.731 S	137° 32'.573 E
	depth, 19 <sub>8</sub> m, enclosed by contour	33° 16'.269 S	137° 32'.410 E
	depth, 19 <sub>8</sub> m, enclosed by contour	33° 16'.698 S	137° 32'.355 E

Replace	depth, 20 <sub>3</sub> m, with depth, 20m, enclosed by contour	33° 16'.16 S	137° 32'.55 E
	depth, 20m, with depth, 19 <sub>7</sub> m	33° 16'.54 S	137° 32'.47 E

Delete	out of position depth, 20 <sub>2</sub> m	33° 16'.64 S	137° 32'.34 E
--------	--	--------------	---------------

**982 AUSTRALIA - VICTORIA - Portland Harbour - Depths**

Total Hydrographic

**Aus 140 (Portland) [782/2021]**

Insert	accompanying block	38° 20'.8 S	141° 37'.0 E
--------	--------------------	-------------	--------------

**983 AUSTRALIA - TASMANIA - Furneaux Group - Flinders Island - Rocks westwards**

Fugro

**Aus 487 [939/2022]**

Insert	depth, 3 <sub>3</sub> m, enclosed by danger circle with legend, <i>R</i>	39° 40'.41 S	147° 41'.70 E
	depth, 4 <sub>1</sub> m, enclosed by danger circle with legend, <i>R</i>	40° 03'.72 S	147° 40'.82 E

Delete	depth, 8 <sub>9</sub> m	40° 04'.5 S	147° 40'.5 E
--------	-------------------------	-------------	--------------

**Aus 800 [NE 13/5/2022]**

Insert	depth, 3 <sub>3</sub> m, enclosed by danger circle with legend, <i>R</i>	39° 40'.41 S	147° 41'.70 E
--------	--	--------------	---------------

Replace	depth, 13 <sub>5</sub> m, with depth, 3 <sub>3</sub> m, enclosed by danger circle with legend, <i>R</i>	39° 52'.5 S	147° 39'.6 E
	depth, 14 <sub>4</sub> m, with depth, 4 <sub>1</sub> m, enclosed by danger circle with legend, <i>R</i>	40° 03'.7 S	147° 40'.9 E
	depth, 8 <sub>9</sub> m, with depth, 4 <sub>9</sub> m, enclosed by danger circle with legend, <i>R</i>	40° 04'.5 S	147° 40'.6 E

Delete	depth, 8 <sub>9</sub> m	40° 04'.5 S	147° 40'.5 E
--------	-------------------------	-------------	--------------

**984(T)/2022 AUSTRALIA - QUEENSLAND - Brisbane River - Nav aids restored**

*Former Notice* - 883(T)/2022 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 237****985(T)/2022 AUSTRALIA - QUEENSLAND - Burnett River - Millaquin Reach - Wreck**

Maritime Safety Queensland Notice 513(T)/2022

A wreck marked by a special light buoy, exists in position 24° 50'.67 S 152° 22'.19 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 242****986(T)/2022 AUSTRALIA - QUEENSLAND - Gladstone - Scientific instruments recovered**

*Former Notice* - 744(T)/2021 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 245****987(T)/2022 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations; survey operations completed**

*Former Notice* - 824(T)/2022 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 245 - Aus 246****988(T)/2022 AUSTRALIA - QUEENSLAND - Moreton Bay - Wellington Point - Dredging operations completed**

*Former Notice* - 668(T)/2022 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 236****989(T)/2022 AUSTRALIA - QUEENSLAND - Moreton Bay - Rainbow Channel - Shoaling removed**

*Former Notice* - 687(T)/2018 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 236****990(T)/2022 AUSTRALIA - QUEENSLAND - Moreton Bay - Redland Bay - Scientific instrument recovered**

*Former Notice* - 642(T)/2021 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 236**

**991(T)/2022 AUSTRALIA - QUEENSLAND - Moreton Bay - North West Channel - Light beacon relit**

*Former Notice* - 889(T)/2022 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 236**

**992(T)/2022 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Buoy**

*Former Notice* - 887(T)/2022 is cancelled  
Maritime Safety Queensland

Cancel this notice on receipt.

**Chart formerly affected - Aus 236**

**993(T)/2022 AUSTRALIA - TIMOR SEA - WESTERN AUSTRALIA - Sahul Banks to Rowley Shoals - Survey operations**

Blue Ocean Marine Tech Systems

Two AUVs are conducting survey operations in an area bounded by the following positions:

18° 00'.00 S 118° 26'.40S  
18° 00'.92 S 122° 12'.76S  
14° 15'.40 S 125° 40'.00S  
11° 38'.70 S 125° 40'.80S  
11° 46'.30 S 123° 03'.20S  
13° 14'.50 S 118° 24'.70S.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 37 - Aus 40 - Aus 41 - Aus 50 - Aus 314 - Aus 317 - Aus 319 - Aus 320 - Aus 322 - Aus 323 - Aus 324 - Aus 325 - Aus 326 - Aus 728 - Aus 729 - Aus 730 - Aus 732 - Aus 733 - Aus 4722 (INT 722)**

**994(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Alkimos Reef - Survey operations**

Department of Transport WA Notice 5450/2022

Vessel *Survey 1*, with a 150m towed array, is conducting a geophysical survey in an area bounded by the coast and the following positions:

31° 36'.67 S 115° 39'.65 E  
31° 38'.12 S 115° 36'.25 E  
31° 39'.70 S 115° 37'.05 E  
31° 37'.64 S 115° 40'.00 E.

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

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 754**

**995(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Subsea operations northwestwards completed**

*Former Notice* - 839(T)/2022 is cancelled  
Australian Maritime Safety Authority , Sapura Energy Australia

Cancel this notice on receipt.

**Chart formerly affected - Aus 328 - Aus 742**

**996(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards**

*Former Notice* - 704(T)/2022 is cancelled  
MODU *Ocean Onyx*

Cancel this notice on receipt.

**Chart formerly affected - Aus 327 - Aus 742**

**997(T)/2022 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Survey operations**

Former Notice - 952(T)/2022 is cancelled

Shearwater

MV *Geo Coral*, with an 8334m towed array, and support vessels *Mariska G* and *Empress* are conducting survey operations in an area bounded by the following positions:

20° 24'.03 S 113° 06'.75 E  
 19° 59'.97 S 112° 36'.13 E  
 19° 20'.66 S 113° 06'.69 E  
 19° 13'.42 S 113° 33'.82 E  
 19° 29'.69 S 113° 54'.53 E  
 19° 54'.70 S 113° 37'.67 E.

Mariners are advised to navigate with caution in the area. 8M clearance requested.

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

**998(T)/2022 AUSTRALIA - SOUTH AUSTRALIA - Two Hummock Point to Point Riley - Scientific instruments**

Department for Infrastructure and Transport SA Notice 41(T)/2022

Scientific instruments exist on the seabed in the following positions:

32° 46'.43 S 137° 50'.38 E  
 33° 14'.56 S 137° 30'.23 E  
 33° 44'.84 S 137° 12'.20 E  
 33° 53'.17 S 137° 29'.01 E.

Mariners are advised to navigate with caution in the area

**Chart temporarily affected - Aus 777 - Aus 778**

**999(T)/2022 SOUTHERN OCEAN - Rocket launch**

Former Notice - 849(T)/2022 is cancelled

Southern Launch

Rocket launch activity may be conducted on a single occasion during the period 10 to 25 December 2022.

The rocket will be launched south from position 34° 56'.04 S 135° 38'.54 E.

Public notification of target launch days will be made on Southern Launch's social media channels and navigation warnings issued by JRCC Australia. On target launch days, local advisory broadcasts will be made on VHF Ch 16 and Ch 81.

Rocket components may impact the waters within an area bounded by the following positions:

40° 30'.0 S 135° 25'.0 E  
 40° 30'.0 S 137° 15'.0 E  
 37° 42'.0 S 137° 15'.0 E  
 35° 00'.0 S 135° 55'.0 E  
 35° 00'.0 S 135° 25'.0 E.

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

**Chart temporarily affected - Aus 343 - Aus 346 - Aus 485 - Aus 776 - Aus 4709 (INT 709)**

**1000(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Point Nepean - Light buoy off station**

Parks Victoria Notice 402(T)/2022

The special light buoy, *Fl. Y. 5s* (38° 18'.34 S 144° 41'.23 E), is off station.

**Chart temporarily affected - Aus 143 - Aus 144**

**1001(T)/2022 AUSTRALIA - VICTORIA - Port Phillip - Mud Islands - Light buoy removed northeastwards**

Ports Victoria Notice 415(T)/2022

The east cardinal light buoy, *Q(3)10s* (38° 13'.91 S 144° 50'.61 E), has been temporarily removed.

**Chart temporarily affected - Aus 143**

**1002(T)/2022 AUSTRALIA - TASMANIA - Penguin - Scientific instrument northwards**  
Marine and Safety Tasmania Notice M401(T)/2022

A scientific instrument marked by an orange buoy exists in position 41° 02'.13 S 146° 04'.89 E.

**Chart temporarily affected - Aus 487 - Aus 799**

**1003(T)/2022 AUSTRALIA - TASMANIA - Titan Point - Drilling operations completed**  
*Former Notice - 858(T)/2022 is cancelled*  
Marine and Safety Tasmania Notice M400(T)/2022

Cancel this notice on receipt.

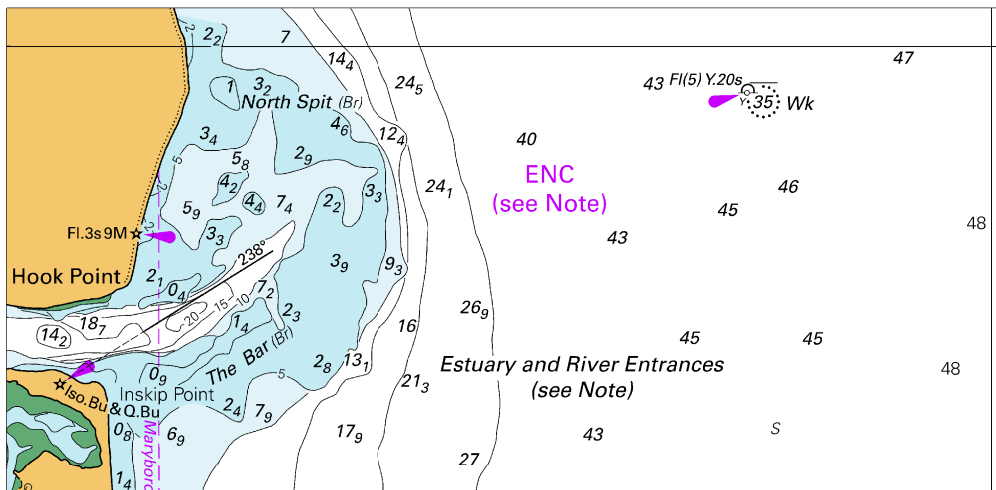
**Chart formerly affected - Aus 163**



## HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
TAS- Flinders Island	Rocks		L Chamberlain

To accompany Australian Notice to Mariners 967/2022



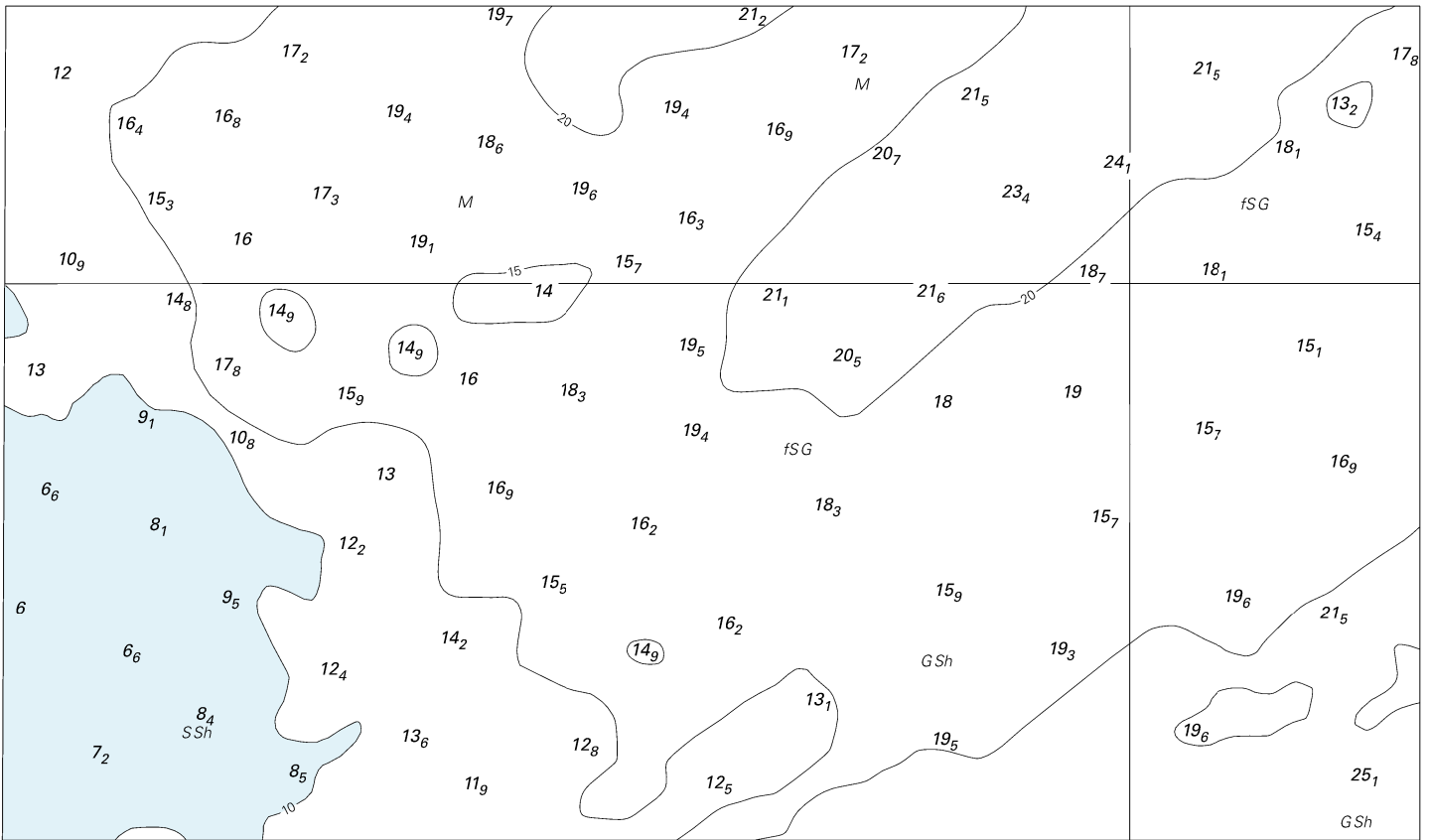
Block for chart Aus 817

© Commonwealth of Australia 2022

(132.4 x 64.2mm)



To accompany Australian Notice to Mariners 971/2022

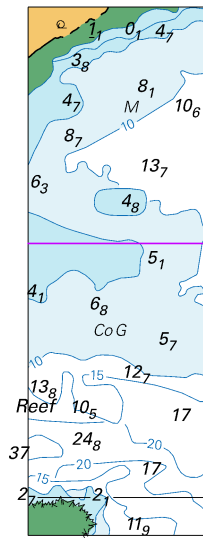


Block for chart Aus 20

© Commonwealth of Australia 2022

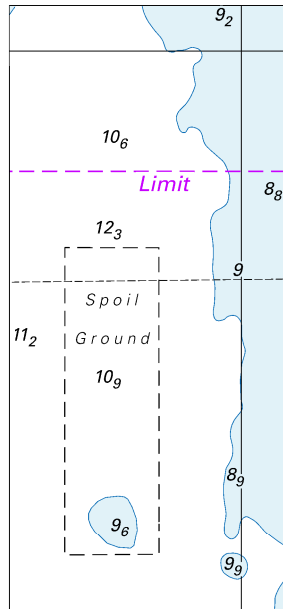
(188-8x 111-0mm)

To accompany Australian Notice to Mariners 971/2022



Block for chart Aus 309 (23.4 x 69.7mm)  
© Commonwealth of Australia 2022

To accompany Australian Notice to Mariners 975/2022



Block for chart Aus 115 (36.6 x 79.9mm)  
© Commonwealth of Australia 2022

