



5 April 2013

Edition 7

Australian Notices to Mariners are the authority for correcting Australian Charts and Publications

AUSTRALIAN NOTICES TO MARINERS

Notices 321 – 371 

Cumulative List – April 2013
List of Temporary and Preliminary Notices in force

Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN
Hydrographer of Australia

SECTIONS.

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Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).**

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IMPORTANT NOTICE

This edition of Notices to Mariners includes all significant information affecting AHS products which the AHS 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 AHS regards third parties from which it receives information as reliable, however the AHS cannot verify all such information and errors may therefore exist. The AHS 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 permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. 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. A star (*) adjacent to the number of a notice indicates that the notice is based on original information.

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, e-mail Hydro.NTM@defence.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 Service (AHS) 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 AHS website as providing a 'Paper Notices to Mariners' service (www.hydro.gov.au/prodserv/distributors/distributors.htm). Copies of the notices may not be sold for profit without prior written agreement.

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321 AUSTRALIA - Products

Australian Hydrographic Service (AA664141)

New Chart

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Index Chart</i>	<i>Price</i>
Aus 66	5/4/2013	Australia - North West Coast - Western Australia - Barrow Island - Town Point 20° 47'.20 S - 20° 50'.74 S 115° 27'.22 E - 115° 33'.67 E <i>New chart providing improved coverage of the new port development on Barrow Island.</i>	1:10 000	Aus 5000	\$35.00

For further details refer to the AHS website at www.hydro.gov.au for new edition and new chart stock arrival information.

When placing orders with a chart agent, mariners should advise whether their order pertains to the current edition or the new edition.

322 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2013

Australian Hydrographic Service (AA662946)

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Amend Steamboat I. (Port No 62521) To Chart Datum to 0.0

323* AUSTRALIA - NEW SOUTH WALES - Lake Macquarie Entrance - Depths

NSW Office of Environment and Heritage (DHDB 2313620)

Aus 809 (plan, Lake Macquarie Entrance) [1234/2012]

Insert	depth, 0.5m	33° 05'.187 S	151° 39'.814 E
	depth, 1.8m, enclosed by contour	33° 04'.751 S	151° 39'.749 E
	depth, 1.5m	33° 05'.456 S	151° 39'.965 E
	contour between	33° 05'.317 S	151° 39'.951 E
		33° 05'.450 S	151° 39'.989 E
		33° 05'.569 S	151° 39'.808 E
	depth, 1.1m, and extend contour W to enclose	33° 05'.257 S	151° 40'.157 E
	depth, 2.4m, and extend contour S to enclose	33° 05'.360 S	151° 40'.070 E
Delete	depth, 1.1m	33° 05'.18 S	151° 39'.80 E
	contour between	33° 05'.41 S	151° 39'.97 E
		33° 05'.50 S	151° 39'.93 E
	depth, 1.5m	33° 05'.25 S	151° 40'.18 E
	depth, 5m	33° 05'.34 S	151° 40'.03 E

AX 00809S (plan, Lake Macquarie Entrance) [1234/2012]

Insert	depth, 0.5m	33° 05'.187 S	151° 39'.814 E
	depth, 1.8m, enclosed by contour	33° 04'.751 S	151° 39'.749 E
	depth, 1.5m	33° 05'.456 S	151° 39'.965 E
	contour between	33° 05'.317 S	151° 39'.951 E
		33° 05'.450 S	151° 39'.989 E
		33° 05'.569 S	151° 39'.808 E
	depth, 1.1m, and extend contour W to enclose	33° 05'.257 S	151° 40'.157 E
	depth, 2.4m, and extend contour S to enclose	33° 05'.360 S	151° 40'.070 E
Delete	depth, 1.1m	33° 05'.18 S	151° 39'.80 E
	contour between	33° 05'.41 S	151° 39'.97 E
		33° 05'.50 S	151° 39'.93 E
	depth, 1.5m	33° 05'.25 S	151° 40'.18 E
	depth, 5m	33° 05'.34 S	151° 40'.03 E

324* AUSTRALIA - NEW SOUTH WALES - Port Stephens - Depths

NSW Office of Environment and Heritage (DHDB 2313618)

Aus 209 [626/2012]

Insert	drying height, <u>0₅m</u> , enclosed by contour	32° 41'.871 S	152° 07'.534 E
	drying height, <u>0₁m</u> , enclosed by contour	32° 42'.292 S	152° 07'.887 E
	drying height, <u>0₃m</u> , and extend contour SW to enclose	32° 42'.241 S	152° 07'.599 E
	depth, <u>0₉m</u> ,	32° 41'.467 S	152° 07'.509 E
	drying height, <u>0₂m</u> , enclosed by contour	32° 41'.607 S	152° 08'.360 E
	depth, <u>0₁m</u> ,	32° 42'.424 S	152° 08'.656 E
	depth, <u>0₇m</u> ,	32° 41'.412 S	152° 09'.081 E
	depth, <u>1₈m</u> , enclosed by contour	32° 41'.210 S	152° 09'.545 E
	drying height, <u>0₅m</u> , enclosed by contour	32° 41'.811 S	152° 07'.686 E
Substitute	depth, <u>1₄m</u> , for depth 2m	32° 42'.00 S	152° 06'.62 E
	depth, <u>1₁m</u> , for depth 1 ₈ m	32° 41'.93 S	152° 06'.88 E
	depth, <u>1₂m</u> , for depth 1 ₈ m	32° 41'.89 S	152° 06'.72 E
Delete	depth, 2 ₃ m, and enclosing contour	32° 42'.48 S	152° 08'.60 E
	depth, 1 ₄ m	32° 41'.40 S	152° 09'.12 E
	depth, 1 ₄ m	32° 41'.44 S	152° 07'.45 E
	depth, 0 ₇ m	32° 42'.30 S	152° 07'.84 E
	depth, 0 ₂ m	32° 41'.60 S	152° 08'.32 E

325* AUSTRALIA - TORRES STRAIT - Twin Island - DepthsHMAS *Benalla* and HMAS *Shepparton* HI511 (DHDB 2328493)**Aus 292 [1246/2012]**

Insert	depth, <u>9₉m</u> , enclosed by contour	10° 28'.24 S	142° 24'.75 E
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Aus 293 [32/2013]

Insert	depth, <u>9₉m</u> , enclosed by contour	10° 28'.237 S	142° 24'.753 E
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Delete	depth, 11m	10° 28'.23 S	142° 24'.75 E
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Aus 376 [1246/2012]

Insert	depth, <u>9₉m</u> , enclosed by contour	10° 28'.24 S	142° 24'.75 E
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Delete	depth, 11 ₈ m	10° 28'.3 S	142° 24'.0 E
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Aus 839 [1246/2012]

Insert	depth, <u>9₉m</u> , enclosed by contour	10° 28'.24 S	142° 24'.75 E
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Aus 841 [1246/2012]

Insert	depth, <u>9₉m</u> , enclosed by contour	10° 28'.24 S	142° 24'.75 E
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326* AUSTRALIA - TORRES STRAIT - Prince of Wales Channel - Larpent Bank - DepthHMAS *Benalla* and HMAS *Shepparton* HI504 (DHDB 2332011)**Aus 296 [1246/2012]**

Insert	depth, <u>9₂m</u> , and extend contour SW to enclose	10° 34'.767 S	142° 04'.158 E
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Delete	depth, 11 ₅ m	10° 34'.77 S	142° 04'.10 E
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327* AUSTRALIA - NORTHERN TERRITORY - Port Darwin - Nav aids

Cardno (AA662246)

Aus 24 [187/2013]

Delete	light buoy	12° 29'.44 S	130° 48'.17 E
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Aus 26 [187/2013]

Insert	depth, 5 ₇ m	12° 26'.23 S	130° 46'.46 E
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Delete	light buoy	12° 26'.2 S	130° 46'.4 E
	light buoy	12° 29'.4 S	130° 48'.2 E

AX 00026T [187/2013]

Insert	depth, 5 ₇ m	12° 26'.23 S	130° 46'.46 E
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Delete	light buoy	12° 26'.2 S	130° 46'.4 E
	light buoy	12° 29'.4 S	130° 48'.2 E

328* AUSTRALIA - WESTERN AUSTRALIA - Cape Lambert - Depths

Rio Tinto (DHDB 2344502)

Aus 55 [886/2012]

Insert	depth, 10 ₉ m, and extend contour N to enclose	20° 28'.80 S	117° 14'.95 E
	depth, 10 ₆ m, and extend contour S to enclose	20° 29'.64 S	117° 14'.53 E
	depth, 10 ₇ m, and extend contour W to enclose	20° 31'.34 S	117° 12'.65 E
	depth, 11 ₁ m	20° 30'.78 S	117° 13'.17 E
	depth, 8 ₇ m, enclosed by contour	20° 26'.26 S	117° 20'.96 E

Delete	depth, 15 ₆ m, and enclosing contour	20° 31'.08 S	117° 13'.28 E
	depth, 12 ₄ m	20° 31'.5 S	117° 12'.6 E
	depth, 12 ₆ m	20° 30'.8 S	117° 13'.1 E

Aus 326 [1028/2012]

Insert	depth, 10 ₇ m,	20° 31'.34 S	117° 12'.65 E
	depth, 10 ₆ m,	20° 29'.64 S	117° 14'.53 E
	depth, 10 ₉ m,	20° 28'.80 S	117° 14'.95 E
	depth, 8 ₇ m, enclosed by contour	20° 26'.26 S	117° 20'.96 E

Delete	depth, 11 ₃ m	20° 26'.2 S	117° 21'.4 E
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Aus 327 [249/2013]

Insert	depth, 10 ₉ m,	20° 28'.80 S	117° 14'.95 E
	depth, 10 ₆ m,	20° 29'.64 S	117° 14'.53 E
	depth, 10 ₇ m,	20° 31'.34 S	117° 12'.65 E

Delete	depth, 12 ₆ m	20° 28'.9 S	117° 14'.9 E
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Aus 740 [1076/2012]

Insert	depth, 10 ₇ m,	20° 31'.34 S	117° 12'.65 E
	depth, 10 ₆ m, and extend contour S to enclose	20° 29'.64 S	117° 14'.53 E
	depth, 10 ₉ m, and extend contour N to enclose	20° 28'.80 S	117° 14'.95 E
	depth, 8 ₇ m, enclosed by contour	20° 26'.26 S	117° 20'.96 E

Delete	depth, 12 ₆ m	20° 28'.94 S	117° 14'.93 E
	depth, 12 ₆ m	20° 29'.38 S	117° 14'.56 E

Aus 741 [37/2013]

Insert	depth, 10 ₇ m,	20° 31'.34 S	117° 12'.65 E
	depth, 10 ₆ m, and extend contour S to enclose	20° 29'.64 S	117° 14'.53 E
	depth, 10 ₉ m, and extend contour N to enclose	20° 28'.80 S	117° 14'.95 E

Delete	depth, 12 ₆ m	20° 28'.94 S	117° 14'.93 E
	depth, 12 ₆ m	20° 29'.38 S	117° 14'.56 E

5 April 2013

329* AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands to Tortoise Island - Pipeline; depths
BHP Billiton Petroleum Pty Ltd (DHDB 2318717)

Aus 328 [287/2013]			
Insert	accompanying block	21° 36'.5 S	114° 30'.0 E
Aus 329 [287/2013]			
Insert	accompanying block	21° 36'.5 S	114° 18'.0 E
Aus 744 [288/2013]			
Substitute	restricted area limit for magenta dashed line	21° 34'.02 S	114° 11'.67 E
Aus 4723 (INT 723) [977/2012]			
Insert	accompanying block	21° 40'.0 S	114° 25'.0 E
Aus 4725 (INT 725) [888/2012]			
Insert	accompanying block	21° 40'.0 S	114° 25'.0 E
AX 04723U [977/2012]			
Insert	accompanying block	21° 40'.0 S	114° 25'.0 E

330* AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Sulphur Bay - Nav aids
Australian Hydrographic Service (AA661076)

Aus 111 (inset, Sulphur Bay) [805/2011]			
Delete	light buoy	32° 11'.09 S	115° 40'.79 E
	light buoy	32° 10'.51 S	115° 41'.10 E
	light buoy	32° 10'.99 S	115° 41'.10 E

331* AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln - Chart limits; aeronautical beacon
Australian Hydrographic Service (AA657833)

Aus 343 [192/2013]			
Delete	magenta limits, with legend Aus 134, centred on	34° 50'.0 S	136° 00'.0 E
Aus 776 [251/2013]			
Insert	magenta limits, with legend Aus 134 in NE corner, between	34° 50'.20 S	135° 51'.20 E
		34° 50'.20 S	136° 18'.60 E
		34° 36'.92 S	136° 18'.60 E
		34° 36'.92 S	135° 51'.20 E
		34° 50'.20 S	135° 51'.20 E
Delete	magenta limits, with legend Aus 134, centred on aero beacon	34° 48'.3 S	136° 02'.0 E
		34° 36'.3 S	135° 52'.6 E
AX 00343S [192/2013]			
Delete	magenta limits, with legend Aus 134, centred on	34° 50'.0 S	136° 00'.0 E
AX 00776S [251/2013]			
Insert	magenta limits, with legend Aus 134 in NE corner, between	34° 50'.20 S	135° 51'.20 E
		34° 50'.20 S	136° 18'.60 E
		34° 36'.92 S	136° 18'.60 E
		34° 36'.92 S	135° 51'.20 E
		34° 50'.20 S	135° 51'.20 E
Delete	magenta limits, with legend Aus 134, centred on aero beacon	34° 48'.3 S	136° 02'.0 E
		34° 36'.3 S	135° 52'.6 E

332* AUSTRALIA - SOUTH AUSTRALIA - North Haven - Depth
 Department of Planning, Transport and Infrastructure SA (DHDB 2349672)

Aus 137 [295/2013]

Insert depth, 1₈m, and extend contour S to enclose 34° 47'.671 S 138° 28'.911 E

333* AUSTRALIA - VICTORIA - Port Albert Channel - Light beacon
 Victorian Notice 42/2013 (AA663556)

Aus 181 [195/2013]

Amend light beacon to Q.G No 9 38° 41'.20 S 146° 41'.58 E

Aus 182 (plan, Approaches to Port Albert) [195/2013]

Amend light beacon to Q.G No 9 38° 41'.20 S 146° 41'.58 E

334 AUSTRALIA - Product - Cumulative List of Australian Notices to Mariners - April 2013
 Australian Hydrographic Service (AA635680)

The Cumulative List of Australian Notices to Mariners - April 2013 is issued as an [accompanying supplement](#). It lists all permanent notices affecting charts in the Area of Australian Charting Responsibility published in the preceding two years since Edition 7 of 2011 dated 8 April 2011, and includes Edition 7 of 2013 dated 5 April 2013. It will be revised in October 2013.

A supplement is available on the website which is revised fortnightly.

335(T)/2013 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depth information*Former Notice - 795(T)/2012 is cancelled*

Port Kembla Port Corporation Notice 1/2013 (AA662269)

Available depths as at 22 March 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Inner Harbour	15.0	
North West Basin	11.2	
101	11.4	Maximum transit draft 12m
* 102	15.7	
103	12.0	
104	15.4	
* 105	14.8	
* 106	13.6	
107	12.0	
108	-	Future Development
109	11.7	
110	10.7 (9.0)	
111	15.2	
112	12.8	Maximum transit draft 13.6m
113	11.2 (9.5)	West of 7m chainage
		10.5 East of 7m chainage to eastern end of berthing box
201	10.4	To 250m
201	10.2	To 280m
201	10.1	To 330m
202	10.5	To 205m mx LOA 180m
202	10.2	To 205m mx LOA 195m
202	10.0	To 210m
* 203	9.7	
204	4.2	
205	6.8	
206	11.0	

* Indicates revised entry.

Chart temporarily affected - Aus 194**336(T)/2013 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Farm Cove - Exclusion zone***Former Notice - 257(T)/2013 is cancelled**Date - Until 15 April 2013*

Sydney Ports Corporation Notice 8/2013 (AA664642)

An exclusion zone marked by special light buoys, Q.Y, exists in an area bounded by the following positions:

33° 51'.55 S 151° 13'.27 E

33° 51'.55 S 151° 13'.22 E

33° 51'.55 S 151° 13'.18 E

33° 51'.55 S 151° 13'.13 E

33° 51'.55 S 151° 13'.09 E

33° 51'.55 S 151° 13'.04 E.

Chart temporarily affected - Aus 200 - Aus 202 - AX 00202T

337(T)/2013 AUSTRALIA - NEW SOUTH WALES - Sydney - Millers Point - Harbour works

Former Notice - 1132(T)/2012 is cancelled

Sydney Ports Notice 9/2013 (AA664448)

Works are marked by a north cardinal light buoy, VQ (33° 51'.30 S 151° 12'.13 E), with six special light buoys, Q.Y, spaced equally to a north cardinal light buoy, VQ (33° 51'.32 S 151° 11'.99 E), with ten special light buoys, Q.Y, spaced equally to a west cardinal light buoy, VQ(9)10s (33° 51'.63 S 151° 12'.02 E).

A silt curtain exists within the boundary of the buoys.

An exclusion zone exists within the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 200 - Aus 202 - AX 00202T

338(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 298(T)/2013 is cancelled

Newcastle Port Corporation (AA664094)

Available depths as at 30 March 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Western Basin 3	11.6	
Western Basin 4	11.6	
Eastern Basin 1	11.6	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.6	
Channel Berth	9.7	
Dyke 1	12.8	
Dyke 2	12.8	
Dyke 4	16.5	
Dyke 5	15.9	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.8	
BHP Wharf 6 to Ch 1050	7.3	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 228	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.0	
Kooragang 3	13.2	
Kooragang 4	16.5	
Kooragang 5	16.5	
* Kooragang 6	16.4	
Kooragang 7	16.5	
Kooragang 8	16.2	
Kooragang 9	16.0	
Kooragang 10	16.5	
Throsby 1	8.4	
Carrington Wharf		To be sounded as and when required
Foreshore Park Berth	5.9	
Elgo Wharf		To be sounded as and when required
<i>Channels</i>		
Entrance Approach	17.7	
Entrance Channel (18.0m)	18.0	
Entrance Channel (17.4m)	17.4	
Entrance Channel (16.8m)	16.8	
Entrance Channel (16.2m)	16.2	
Entrance Channel to Horseshoe	15.2	
* Horseshoe	15.0	
* Steelworks Channel to Swinging Basin	15.0	
* Swinging Basin	14.9	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
* Hunter River South Arm (buoy 16 to buoy 18)	14.4	
Basin Cutting	12.6	
Basin Area to Eastern & Western Basin Berths	12.3	
Basin Area to 1 Throsby	9.4	
Stockton Crossing	3.6	
* Indicates revised entry.		

Chart temporarily affected - Aus 207 - Aus 208

339(T)/2013 AUSTRALIA - NEW SOUTH WALES - Clarence River - Nav aids destroyed or off station; depths

Former Notice - 300(T)/2013 is cancelled

Port of Clarence River Notice 4/2013 (AA657853)

The light beacons, *Iso.R.2s* (29° 25'.72 S 153° 21'.16 E) and *F.Bu* (29° 23'.56 S 153° 20'.34 E) have been destroyed.

Nav aids in the Clarence River may be destroyed or off station and depths may not be consistent with charted information due to recent flooding.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 222

340(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information*Former Notices - 301(T)/2013 is cancelled*

Brisbane Port Corporation (AA663472)

Available depths and under keel clearances (UKC) at 27 March 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No11	13.5	
Fisherman Islands No10	13.3	
* Fisherman Islands No9	13.3	
* Fisherman Islands No8	13.1	
* Fisherman Islands No7	13.2	
* Fisherman Islands No6	13.8	
* Fisherman Islands No5	12.9	
* Fisherman Islands No4	13.1	
Fisherman Islands No3	12.9	
Fisherman Islands No2	13.2	
Fisherman Islands No1	12.9	
Fisherman Islands Grain and Woodchip	12.4	
* Caltex Fisherman Islands	14.5	
Fisherman Islands Coal	14.0	
Fisherman Islands General Purpose	11.1	
BP Luggage Point	14.3	
Caltex Products	9.9	
Cement Australia Co Wharf	8.9	
BP Products	10.1	
Shell	10.1	
Pacific Terminals	10.5	
Incitec North	9.2	
Incitec South	9.1	
Pinkenba 1	9.6	
Pinkenba 2	9.6	
Riverside Marina	-	
Sugar Terminal	9.9	
Cairncross Fitting Out Wharf	8.3	
Cairncross Breasting Wharf	6.1	
Brisbane Naval Wharf	4.3	
Maritime No1	8.6	
Hamilton No4	10.1	
Hamilton No1	8.5	
Brisbane Cruise Ship Terminal	8.5	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay:</i>		
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width) Shoaling least depth, 14.6m, exists in position 27° 02'.39 S 153° 15'.66 E.
East Knoll Bypass Channel	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
<i>Brisbane River:</i>		
Outer Bar Cutting	13.9	1.46
Inner Bar Cutting	13.5	1.46
* Fisherman Islands Swing Basin	13.4	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	8.8	0.6 / 0.9 (draft/tide)
* Indicates new or revised entry.		

Chart temporarily affected - Aus 235 - Aus 236 - Aus 237 - Aus 238 - Aus 814 - Aus 815

341(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Light beacon destroyed
 Maritime Safety Queensland Notice 285(T)/2013 (AA664979)

No6 light beacon, *Fl.R.4s* (27° 19'.22 S 153° 12'.23 E), has been destroyed; a special light buoy, *Fl.Y.2-5s*, exists in situ.

Chart temporarily affected - Aus 237

342(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Dredging operations

Former Notice - 201(T)/2013 is cancelled

Date - Until 28 February 2014

Maritime Safety Queensland Notice 243(T)/2013 (AA662217)

The dredge *Ken Harvey* and support vessels MT *Sealion* and MT *Turtle* and two spoil barges are conducting dredging operations in the vicinity of 27° 11'.42 S 153° 05'.61 E.

Two lit orange mooring buoys exist in positions 27° 11'.03 S 153° 05'.39 E and 27° 11'.03 S 153° 05'.45 E.

All vessels will display appropriate lights and shapes and monitor VHF Ch 12.

The dredge will be moored in the channel and vessels transiting the channel will be required to contact the dredger on VHF Ch 12 or mobile 0408 197 705 to request side mooring wires be lowered.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

343(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations

Former Notice - 303(T)/2013 is cancelled

Maritime Safety Queensland Notice 281(T)/2013 (AA664988)

Shoaling with a least depth of 2.4m exists within the main channel to Mooloolah River.

The dredge *Navua* is conducting dredging operations in the entrance channel. A floating pipeline exists from the dredge to the western breakwater. The dredge will display appropriate lights and shapes and will monitor VHF Ch 12, Ch 16 and Ch 73.

Mariners are advised to keep at least 30m clear from the seaward end of the eastern breakwater due to obstructions and to navigate with caution in the area.

Chart temporarily affected - Aus 235

344(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Hamilton Point to North Passage Island - Scientific instruments

Date - Until 20 May 2013

Maritime Safety Queensland Notice 251(T)/2013 (AA662943)

Subsurface scientific instruments exist in positions 23° 47'.97 S 151° 12'.81 E and 23° 46'.27 S 151° 11'.19 E.

Chart temporarily affected - Aus 245

345(T)/2013 AUSTRALIA - QUEENSLAND - Port Alma - Port open to navigation

Former Notice - 155(T)/2013 is cancelled

Maritime Safety Queensland Notice 269(T)/2013 (AA664534)

Cancel this notice on receipt.

Chart formerly affected - Aus 247 - Aus 265

346(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing*Date - Until 1 May 2013*

Maritime Safety Queensland Notice 266(T)/2013 (AA664121)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 8 to 30 April 2013.

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

22° 33'.13 S	150° 42'.40 E
22° 29'.13 S	150° 49'.71 E
22° 41'.12 S	150° 50'.17 E
22° 38'.18 S	150° 43'.15 E
22° 33'.13 S	150° 42'.40 E.

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

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

Chart temporarily affected - Aus 248 - Aus 367 - Aus 820 - AX 67248 - AX 00367S - AX 00820S

347(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations*Former Notice - 157(T)/2013 is cancelled**Date - Until 30 May 2013*

Maritime Safety Queensland Notice 252(T)/2013 (AA662945)

Diving operations are in progress in the vicinity of berth No1 (21° 15'.01 S 149° 18'.36 E) and No 2 (21° 15'.27 S 149° 18'.52 E) at the DBCT.

MV *Shadows* is onsite and will display appropriate lights and shapes and will monitor VHF Ch 14 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 249 - Aus 250 - AX 00249S

348(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Depth information

Former Notice - 56(T)/2013 is cancelled

Maritime Safety Queensland Notices 1187(T)/2012, 272(T)/2013 (AA635583, AA664117)

Available depths as at 28 March 2013:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.8	
Platypus Channel	12.0	
<i>Outer Harbour:</i>		
Arrival Channel	6.7	
Departure Channel	10.8	
<i>Inner Harbour:</i>		
Harbour	11.9	
<i>Berths:</i>		
No 1	11.8	
* No 2	12.2	(550 to 780 mark)
No 2	11.6	(780 to 790 mark)
No 3	11.9	
* No 4	10.5	
* No 7	10.6	
Between No 7 and No 8	10.6	Seaward of 0 mark at No 7
No 8	-	Works in progress
No 9	11.6	
Between No 9 and No 10	10.0	Seaward of 0 mark at No 10
No 10	-	Works in progress
No 11	10.8	
Ross River Channel	2.0	Shoaling with least depth 1.2m exists at the southern and southeastern extremity of the Marine Precinct Turning Basin.
Ross River	-	No declared depth
Ross Creek	1.9	From Reef HQ to swing basin

* Indicates revised entry.

Chart temporarily affected - Aus 256 - Aus 257**349(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Drill rig**

Date - Until 10 May 2013

National Maritime Safety Authority PNG Notice 13/2013 (AA663461)

Drill rig *Stena Clyde* is conducting drilling operations in position 8° 38'.40 S 145° 02'.84 E. A 2000m exclusion zone exists around the vessel.

Chart temporarily affected - Aus 378 - Aus 4620 (INT 620) - AX 04620U**350(T)/2013 PAPUA NEW GUINEA - Gulf of Papua - Cable laying operations**

Former Notice - 57(T)/2013 is cancelled

Date - Until 20 April 2013

National Maritime Safety Authority PNG Notices 14/2013, 15/2013 (AA664427)

Vessel *Ile de Re* is laying a cable between the following positions;

8° 07'.59 S 144° 30'.12 E

8° 07'.34 S 144° 30'.65 E

8° 03'.87 S 144° 33'.64 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 378 - Aus 502

351(T)/2013 PACIFIC OCEAN - Scientific instruments

Former Notice - 873(T)/2012 is cancelled
JAMSTEC (AA660644)

Scientific instruments, Triton buoys, exist as follows:

Number	Position
4	0° 00'.97 N 156° 02'.50 E
5	2° 01'.03 S 155° 57'.52 E
6	5° 02'.01 S 156° 01'.54 E
9	0° 03'.54 N 147° 00'.68 E.

Chart temporarily affected - Aus 399 - Aus 4622 (INT 622)**352(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works; dredging operations**

Former Notice - 1149(T)/2012 is cancelled

Date - Until 31 January 2014

Darwin Port Corporation Notice 43(T)/2013 (AA664517)

Works and dredging operations associated with the construction of the module offloading facility are in progress in an area bounded by the following positions:

12° 30'.57 S 130° 55'.28 E
12° 30'.29 S 130° 55'.63 E
12° 30'.62 S 130° 55'.90 E
12° 31'.02 S 130° 55'.99 E
12° 31'.13 S 130° 55'.74 E.

The causeway is marked at the extremities by Q.Y lights. A silt curtain marked by Q.Y lights exists around the causeway.

The dredges *Athena*, *Hippopotames*, *Queen of the Netherlands*, *Vox Maxima* and *Rotterdam* and barges *Cornelius Lely* and *Pieter Caland* are conducting dredging operations in areas bounded by the following positions:

12° 30'.01 S 130° 53'.11 E
12° 30'.30 S 130° 53'.71 E
12° 30'.19 S 130° 54'.16 E
12° 30'.33 S 130° 54'.94 E
12° 30'.47 S 130° 54'.99 E
12° 30'.65 S 130° 54'.36 E
12° 30'.40 S 130° 53'.23 E
and
12° 29'.63 S 130° 52'.40 E
12° 29'.52 S 130° 52'.47 E
12° 29'.92 S 130° 52'.99 E
12° 30'.06 S 130° 52'.89 E.

A floating pipeline marked by Q.Y lights is exists from the dredge *Athena* to the dredges *Queens of the Netherlands* and *Vox Maxima*.

A 250m radius safety zone exists around all vessels. An exclusion zone exists within the area of the works and dredging operations.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 26 - Aus 28 - AX 00026T**353(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seringapatam Reef - Drill rig**

Former Notice - 1151(T)/2012 is cancelled

Australian Maritime Safety Authority Aus coast Warning 88/2013 (AA662267)

Drill rig *Transocean Legend* is conducting drilling operations in position 13° 44'.28 S 122° 20'.13 E.

Chart temporarily affected - Aus 322 - Aus 4722 (INT 722) - AX 00322U - AX 04722U

354(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Drill rig moved northwards

Former Notice - 1054(T)/2012 is cancelled
Santos (AA664960)

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 741

355(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards moved

Former Notice - 170(T)/2013 is cancelled
Australian Maritime Safety Authority Aus coast Warning 103/2013 (AA664930)

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 741 - Aus 742

356(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwards

Australian Maritime Safety Authority Aus coast Warning 103/2013 (AA664930)

Drill rig *ENSCO 109* is conducting drilling operations in position 20° 00'.38 S 115° 38'.29 E.

Chart temporarily affected - Aus 327 - Aus 4723 (INT 723) - AX 04723U

357(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey northwestwards

Date - Until 31 May 2013
Chevron Australia Pty Ltd (AA663516, AA663517)

MV *Geo Caspian* with a 6000m towed array and support vessels MV *Cassandra VI* and MV *Guard Merlin* are conducting a survey in the area bounded by the following positions:

20° 18'.38 S 114° 35'.08 E
19° 49'.92 S 114° 56'.23 E
19° 49'.92 S 115° 05'.08 E
19° 55'.40 S 115° 05'.08 E
20° 08'.04 S 115° 00'.55 E
20° 07'.96 S 115° 10'.09 E
20° 15'.39 S 115° 10'.08 E
20° 18'.39 S 115° 05'.57 E
20° 19'.92 S 114° 50'.08 E
20° 29'.92 S 114° 45'.08 E
20° 29'.92 S 114° 35'.08 E.

Chart temporarily affected - Aus 328 - Aus 742

358(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards

Australian Maritime Safety Authority Aus coast Warning 100/2013 (AA664332), MODU *Atwood Falcon* (AA664209)

Drill rig *Atwood Falcon* is conducting drilling operations in position 20° 04'.23 S 115° 11'.03 E.

Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - AX 04723U

359(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey completed northwestwards

Former Notice - 71(T)/2013 is cancelled
Fugro Survey Pty Ltd (AA664404)

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 329 - Aus 742 - Aus 4723 (INT 723) - AX 04723U

5 April 2013

360(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments*Former Notice* - 1301(T)/2012 is cancelled*Date* - Until 31 December 2013

MetOcean Engineers (AA663524)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in the following positions:

21° 22'.08 S 114° 50'.93 E
 21° 31'.75 S 115° 01'.82 E
 21° 34'.97 S 115° 01'.28 E
 21° 35'.00 S 115° 01'.28 E
 21° 39'.27 S 115° 00'.04 E
 21° 39'.29 S 115° 00'.09 E.

Chart temporarily affected - Aus 64 - Aus 328 - Aus 743**361(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwards moved***Former Notice* - 224(T)/2013 is cancelledMODU *Atwood Falcon* (AA664209)

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 329 - Aus 744**362(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Pelsaert Bank - Seismic survey***Former Notice* - 227(T)/2013 is cancelled*Date* - Until 21 April 2013

Murphy Oil Corporation (AA664664, AA664665)

MV *Western Trident*, with a 8000m towed array, support vessels MV *Pacific Crest* and MV *Ando* and guard vessels MV *Kuri Pearl II* and MV *Clive James* are conducting a survey in the area bounded by the following positions:

28° 58'.62 S 114° 06'.86 E
 28° 50'.26 S 114° 04'.28 E
 28° 45'.70 S 114° 10'.69 E
 28° 46'.06 S 114° 15'.93 E
 29° 13'.67 S 114° 25'.05 E
 29° 18'.95 S 114° 22'.57 E
 29° 20'.15 S 114° 14'.53 E.

Chart temporarily affected - Aus 332 - Aus 333 - Aus 751 - Aus 752**363(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Gulf St Vincent - Scientific instrument***Date* - Until 22 April 2013

Defence Science and Technology Organisation (AA663625)

A special light buoy, *Fl.5s*, exists in position 35° 07'.0 S 138° 19'.0 E.**Chart temporarily affected - Aus 780 - Aus 781****364(T)/2013 AUSTRALIA - TASMANIA - River Tamar - Light beacon destroyed**

Marine and Safety Tasmania Notices M45/2013, M47/2013 (AA662937, AA663470)

No10 light beacon, *Q(2)R.4s* (41° 23'.71 S 147° 06'.15 E), has been destroyed; a port lateral light buoy, *Q(2)R.4s*, exists in situ.**Chart temporarily affected - Aus 168**

365(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Station Pier - Harbour works*Date* - Until 4 July 2013

Port of Melbourne Corporation Notice 41(T)/2013 (AA663039)

Works associated with the remediation of the pier (37° 50'.54 S 144° 55'.85 E) are in progress.

A barge and support vessel *Warneet* are onsite and will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154**366(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Harbour works***Former Notice* - 180(T)/2013 is cancelled*Date* - Until 30 October 2013

Victorian Notices 19(T)/2013, 46(T)/2013 (AA649627, AA664916)

Works associated with the development of a northern and southern breakwater and installation of piles are in progress.

Temporary landings will be installed in positions 37° 51'.63 S 144° 57'.95 E, 37° 51'.83 S 144° 57'.85 E and 37° 51'.64 S 144° 57'.76 E.

A temporary groyne will be installed between positions 37° 51'.64 S 144° 58'.17 E and 37° 51'.63 S 144° 57'.95 E. Special light buoys, *Fl.Y.5s*, which mark the groyne exist in positions 37° 51'.61 S 144° 57'.94 E and 37° 51'.67 S 144° 57'.97 E.

Special light buoys, *Fl.Y.5s*, which mark the construction zone exist in the following positions:

37° 51'.91 S 144° 58'.01 E
 37° 51'.90 S 144° 57'.93 E
 37° 51'.85 S 144° 57'.86 E
 37° 51'.83 S 144° 57'.84 E
 37° 51'.80 S 144° 57'.88 E
 37° 51'.70 S 144° 57'.86 E
 37° 51'.66 S 144° 57'.76 E
 37° 51'.64 S 144° 57'.74 E
 37° 51'.64 S 144° 57'.86 E
 37° 51'.64 S 144° 57'.94 E
 37° 51'.66 S 144° 57'.95 E.

All hazards to navigation will be marked by lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 155**367(P)/2013 AUSTRALIA - VICTORIA - Western Port - Flinders Bight - Light altered***Date* - On or about 5 April 2013

Patrick Ports Hastings (AA664851), Victorian Notice 48/2013 (AA664848)

The special light beacon (38° 28'.01 S 145° 03'.20 E) has been altered to *Oc.WRG.6s* with sectors White 336° - 011° (35°), Red 011° - 296° (285°), Green 296° - 336° (40°).

Chart which will be affected - Aus 150 - Aus 151

368(T)/2013 AUSTRALIA - VICTORIA - Kilcunda - Works*Former Notice* - 181(T)/2013 is cancelled*Date* - Until 31 May 2013

Victorian Notice 44/2013 (AA664839)

Works associated with the desalination plant are in progress within a 500m radius of position 38° 35'.95 S 145° 30'.63 E. The area is marked by four special light buoys, *Fl.Y.2s*.

Chart temporarily affected - Aus 150 - Aus 801**369(T)/2013 AUSTRALIA - VICTORIA - Port Welshpool - Harbour works**

Victorian Notice 43(T)/2013 (AA664450)

Remediation and upgrade works are in progress at the slipway jetty (38° 42'.13 S 146° 27'.82 E).

A barge and support vessel are on site. Anchors deployed by the barge will be marked by buoys.

The jetty will be marked by two lights, *Fl.Y.5s*.

There will be restricted availability of the slipway while works are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182**370(T)/2013 AUSTRALIA - Summer time***Former Notice* - 966(T)/2012 is cancelled

Australian Government (AA624904)

Cancel this notice on receipt.

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES

Former Notice - 78(T)/2013 is cancelled
 Australian Hydrographic Service (AA648485)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
NEW SOUTH WALES		
1139/2011	Aus198-199	<i>Botany Bay</i> Harbour works
297/2013	Aus196-198-199	Light buoy established
1318/2010	Aus197-204-215-424-489-809-4643-AX0809E-67215	<i>Broken Bay</i> Barrenjoey Head-Light range reduced
748/2011	Aus197-808-809-AX0808E-0809E	<i>Cape Baily to Ben Buckler</i> Scientific instruments
299/2013	Aus222	<i>Clarence River</i> Harbour works; Scientific instrument recovered
339/2013	Aus222	Nav aids destroyed or off station; depths
750/2011	Aus197-200-201-AX6201F-63200	<i>Manly</i> Scientific instruments
338/2013	Aus207-208	<i>Newcastle</i> Depth information
336/2013	Aus200-202-AX00202T	<i>Port Jackson</i> Exclusion zone
337/2013	Aus200-202-AX00202T	Millers Point- Harbour works
410/2011	Aus194-195	<i>Port Kembla</i> Spoil ground
864/2011	Aus194-195	Obstruction
335/2013	Aus194	Depth information
141/2013	Aus219	<i>Port Macquarie</i> Light trial
59/2013	Aus22-23-309-722-AX00309T-00309U-00722T	<i>Apsley Strait</i> Light buoys off station
108/2013	Aus13	<i>Bing Bong</i> Dredging operations
160/2012	Aus306-AX0306F	<i>Cape Wessels</i> Wreck westnorthwestward
758/2012	Aus26-28-AX72026	<i>Darwin</i> Dredging operations
814/2012	Aus24-26-AX72026	Light buoy withdrawn
867/2012	Aus26-28-AX72026	Diving operations
910/2012	Aus28	Cossack Creek-Obstruction
1003/2012	Aus24-26-AX72026	Lee Point to Fannie Bay-Obstructions
1004/2012	Aus24-27-28	Depth information
1095/2012	Aus26-27-28-AX72026	Scientific instruments
1096/2012	Aus26-28-AX72026	Pontoon
1148/2012	Aus26-28-AX72026	Scientific instruments
268/2013	Aus24	Scientific instrument
352/2013	Aus26-28-AX00026T	Blaydin Point-Harbour works; dredging operations

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
1146/2012	Aus309-722-AX72309-72722-00309U	<i>Fenton Patches</i> Scientific instruments
56/2012	Aus255-826	QUEENSLAND <i>Abbot Bay</i> Light beacon unlit
214/2013	Aus255-826	<i>Abbot Point</i> Scientific instruments
819/2008 667/2009 1210/2011	Aus252-253-268-AU5268P2 Aus252-253-268-AU5268P2 Aus268	<i>Airlie Beach</i> Light buoys established Wreck Obstructions
872/2011	Aus254-825	<i>Bait Reef</i> Light beacon destroyed
302/2012	Aus247-819-820-AX00820S	<i>Bluff Rock to Wreck Point</i> Scientific instruments
415/2011	Aus246	<i>Boyne River</i> Shoaling
697/2012	Aus238	<i>Brisbane River</i> Harbour works
1386/2010 104/2013 105/2013 152/2013	Aus242 Aus242-243 Aus243-817-818 Aus242	<i>Bundaberg</i> Anchoring prohibited Depth information Obstruction northeastwards Navais destroyed or off station; depths
262/2013	Aus242	<i>Burnett River</i> Wreck
1154/2011 705/2012 864/2012 107/2013 216/2013 308/2013	Aus264 Aus263-264 Aus262-263-264-830 Aus262-263-AX63262 Aus262-830-AXA0830T-63262 Aus262-263-830	<i>Cairns</i> Smiths Creek-Wreck Wreck Depth information Scientific instrument Scientific instruments Light buoys
926/2011 606/2012	Aus826-827 Aus826-827	<i>Cape Bowling Green</i> Scientific instrument Light buoys
1032/2011	Aus255-825-826	<i>Cape Edgecumbe to Abbot Point</i> Scientific instruments
251/2012	Aus256-257-827	<i>Cleveland Bay to Rowes Bay</i> Scientific instruments
1285/2011 751/2012 1143/2012	Aus270 Aus270 Aus270	<i>Cooktown</i> Light beacon destroyed Depth information Light buoy off station
602/2012	Aus818	<i>Curtis Channel</i> Wreck

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
305/2013	Aus252-253	<i>Daydream Island</i> Light unlit
859/2012	Aus253-254	<i>Dent Island</i> Light beacon unlit; light buoy established
223/2011	Aus376-837-839	<i>Dugong Island</i> Wreck
743/2012	Aus246-819	<i>Ethel Rocks</i> Wreck eastwards
309/2013	Aus280-833-834	<i>Fahey Reef to Fife Island</i> Lights to be withdrawn
404/2012	Aus252-253	<i>Fitzalan Passage</i> Light buoy off station
307/2013	Aus830	<i>Fitzroy Island</i> Light buoy off station
211/2013	Aus819	<i>Fitzroy River</i> Wreck
418/2011	Aus245	<i>Gladstone</i> Anchorage area
470/2011	Aus245-819	Scientific instruments
653/2011	Aus244-245	Barney Point-Harbour works
1204/2011	Aus244-245	Rich Rocks-Light buoy
245/2012	Aus244-245	Pipelines
950/2012	Aus244-245	Light buoys
951/2012	Aus244-245	Light buoys
1205/2012	Aus244-245	Scientific instrument
1270/2012	Aus244-245	Fishermans Landing Wharves-Light buoy moved
153/2013	Aus819	Facing Island-Light buoy off station
204/2013	Aus244-245-246	Depth information
205/2013	Aus244-245	Dredging operations
206/2013	Aus245	Exclusion zone
207/2013	Aus244-245	Calliope River-Light buoys
208/2013	Aus244-245	South Passage Island to North Passage Island-Dredging operations
264/2013	Aus245	Friend Point to Laird Point-Anchoring prohibited; pipeline
344/2013	Aus245	Hamilton Point to North Passage Island-Scientific instruments
304/2013	Aus815	<i>Gneering Shoals</i> Buoy off station northwards
143/2013	Aus230	<i>Gold Coast</i> Nav aids destroyed or off station
694/2012	Aus230	<i>Gold Coast Seaway</i> Shoaling
737/2012	Aus230	Shoaling
801/2012	Aus240-241	<i>Great Sandy Strait</i> Light beacon destroyed
1091/2011	Aus249-250-AX0249E	<i>Hay Point</i> Scientific instruments
650/2012	Aus249-250-AX00249S	Depth information
1088/2012	Aus249-250-823	Exclusion zone; light buoys
347/2013	Aus249-250-AX00249S	Diving operations

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
203/2013	Aus241-817	<i>Hervey Bay</i> Light beacon destroyed
318/2010	Aus251-823-824-AX0823E-AU421149	<i>Hesket Rock</i> Light beacon destroyed
1197/2010	Aus259-828	<i>Hinchinbrook Channel</i> Wreck
862/2012	Aus259-267	Nav aids
161/2013	Aus259	Light buoy off station
460/2012	Aus252-254	<i>Hook Island</i> Light beacon destroyed
1188/2010	Aus251-252-824	<i>Io Reef</i> Light beacon destroyed; light buoy established
414/2012	Aus6	<i>Karumba</i> Light beacon withdrawn
756/2012	Aus6	Depth information
209/2013	Aus247-265-819	<i>Keppel Bay</i> Light buoy
757/2011	Aus252	<i>Laguna Quays</i> Lights unlit; light beacons damaged
758/2011	Aus252	Shoaling
865/2012	Aus830-831-4620-AX6027S-04620U	<i>Low Islets</i> AIS trial
858/2012	Aus250	<i>Mackay</i> Shoaling
955/2012	Aus250	Depth information
1090/2012	Aus250	Depth information
158/2013	Aus249-AX00249S	Light beacon destroyed
702/2012	Aus256-827	<i>Magnetic Island</i> Scientific instruments
1210/2012	Aus256	Scientific instrument
343/2013	Aus235	<i>Mooloolaba</i> Shoaling; dredging operations
710/2008	Aus235-236	<i>Moreton Bay</i> Light buoys established
648/2011	Aus236	Bramble Bay-Bridge construction
1020/2011	Aus236	Wynnum-Wreck; light buoy
151/2012	Aus235-236-237-238-814-815	Brisbane River-Depth information
600/2012	Aus236	Scarborough-Shoaling
645/2012	Aus236	Rainbow Channel-Light beacon withdrawn
740/2012	Aus236	Coochiemudlo Island-Light beacon
1085/2012	Aus236	Peel Island-Lazaret Gutter-Beacon destroyed
1265/2012	Aus236	Manly-Light beacon destroyed
145/2013	Aus235-236-237-238-814-815	Brisbane River-Nav aids destroyed or off station; depths
259/2013	Aus235-814-815	North West Channel-Light buoy off station
302/2013	Aus236	Garnet Rock-Light beacon destroyed; light buoy established
340/2013	Aus235-236-237-238-814-815	Brisbane River-Depth information
341/2013	Aus237	Light beacon destroyed
342/2013	Aus236	Deception Bay-Dredging operations

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
826/2011	Aus258	<i>Mourilyan</i> Depth information
215/2013	Aus258	<i>Oyster Point</i> Shoaling; obstructions
759/2011	Aus252-253-824-825	<i>Pioneer Rocks</i> Light beacon unlit
240/2012	Aus814	<i>Point Lookout</i> Scientific instruments northeastwards
210/2013	Aus265	<i>Port Alma</i> Depth information
1274/2012	Aus270	<i>Port Douglas</i> Depth information
149/2013 150/2013	Aus235 Aus235	<i>Pumicestone Channel</i> Nav aids destroyed or off station; depths Dredging operations
156/2013	Aus247-819-820-AX00367S-00820S	<i>Rosslyn Bay</i> Light destroyed; light structure damaged
53/2013	Aus818	<i>Round Hill Head</i> Wreck
55/2013	Aus251-824	<i>Schooner Rock</i> Light beacon destroyed; light buoy established
346/2013	Aus248-367-820-AX67248-00367S-00820S	<i>Shoalwater Bay</i> Live firing
763/2010	Aus252-253-AU421148-5253P1	<i>Shute Harbour</i> Wreck
1191/2010	Aus252-253-824	<i>Surprise Rock</i> Light beacon destroyed; light buoy established
749/2012	Aus830-AX6027S	<i>Taylor Point</i> Obstruction
199/2013	Aus230	<i>The Broadwater</i> Dredging operations
59/2012	Aus293-299	<i>Thursday Island</i> Depth information
1133/2009 860/2012 306/2013 348/2013	Aus257-AU5257P0 Aus257 Aus256-257-828 Aus256-257	<i>Townsville</i> Light beacons withdrawn; light buoys established Harbour works Survey operations; diving operations Depth information
167/2013	Aus4	<i>Weipa</i> Depth information
213/2013	Aus252-253	<i>Whitehaven Bay</i> Light beacon destroyed

5 April 2013

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (*continued*)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
1189/2010	Aus252-254-824	<i>Whitsunday Group</i> Platypus Rock-Light beacon destroyed; light buoy established
1193/2010 1209/2012	Aus252-253-254 Aus252-253	<i>Whitsunday Island</i> Reef Point-Light beacon destroyed; light buoy established Craig Point-Wreck
1394/2010 422/2011	Aus254 Aus252-254-824	<i>Whitsundays</i> The Narrows-Buoy off station Spitfire Rock-Light beacon destroyed
1263/2010	Aus830	<i>Yorkeys Knob</i> Wreck
73/2013 318/2013	Aus4727 Aus4709-4727	SOUTH AUSTRALIA <i>Great Australian Bight</i> Scientific instruments Seismic survey
1344/2011 363/2013	Aus781 Aus780-781	<i>Gulf St Vincent</i> Obstruction Scientific instrument
720/2008 769/2012	Aus137 Aus137	<i>Port Adelaide</i> Shoaling Depth information
129/2012	Aus780	<i>Rapid Bay</i> Light buoy off station northwestwards
825/2012	Aus342	<i>Tungketta Reef</i> Wave energy barge
71/2012	Aus133	<i>Wallaroo</i> Depth information
175/2012	Aus4601	TASMAN SEA <i>Tasman Basin</i> Light buoy withdrawn
1291/2011	Aus171-173-796	TASMANIA <i>Adventure Bay to Pitt Water</i> Scientific instruments
1062/2012	Aus487-798-800	<i>Cape Barren Island</i> Scientific instruments
233/2013	Aus169-766	<i>Cape Sonnerat</i> Wreck
1228/2012	Aus171-796	<i>Dorman Point</i> Scientific instrument
1292/2011	Aus179-800	<i>Flinders Island</i> Light unreliable
576/2012	Aus171-796	<i>Frederick Henry Bay</i> Scientific instruments
91/2010	Aus169	<i>Georges Bay</i> Wreck

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
277/2013	Aus173	<i>Hawkers Point</i> Pipeline
179/2013	Aus171-172	<i>Hobart</i> Wreck
527/2012	Aus168	<i>Launceston</i> Pile driving
232/2013 276/2013	Aus177-792 Aus177	<i>Macquarie Harbour</i> Marine farm Marine farm
122/2013	Aus170-766-797	<i>Maria Island</i> Scientific instruments
526/2012 1061/2012	Aus171-796 Aus172	<i>River Derwent</i> Scientific instrument Risdon Cove-Buoy
364/2013	Aus168	<i>River Tamar</i> Light beacon destroyed
1110/2012	Aus793-794	<i>Sugarloaf Rock to De Witt Island</i> Scientific instruments
130/2012	Aus178	<i>Wynyard</i> Harbour works
TIMOR SEA		
223/2009	Aus312-4721-AX0312F-4721F-AU311126	<i>Sahul Banks</i> Navaid; racon non operational
269/2013	Aus314-4060-4603-4721-4722-AX00314U-04721U-04722U	Mooring buoy off station
TORRES STRAIT		
306/2012	Aus292-293-296-299-376-700	<i>Adolphus Channel to Gannet Passage</i> AIS trial
1333/2010	Aus376-377-840-AX60377	<i>Yorke Islands</i> Wreck
VICTORIA		
579/2012 131/2012	Aus182 Aus801	Shoaling Shoaling
368/2013	Aus150-801	<i>Kilcunda</i> Works
1291/2010	Aus357-AU439146	<i>Ninety Mile Beach</i> Obstructions
275/2013	Aus349-787	<i>Otway Basin</i> Pipeline
132/2012	Aus181-357	<i>Port Albert</i> Light unlit
991/2011	Aus141	<i>Port Campbell</i> Lights unlit

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
		<i>Port Phillip</i>
796/2007	Aus143-158	Obstruction
942/2010	Aus153-157	Geelong-Depth information
1100/2010	Aus154-155	Port Melbourne-Princes Pier-Harbour works
723/2011	Aus144-158	Great Ship Channel-Shoaling
1346/2011	Aus144-158	South Channel-Exclusion zones
76/2012	Aus143-158	Scientific instruments
365/2012	Aus143-144-158	Point Nepean-Wreck
772/2012	Aus143-155	Werribee South-Harbour works
1063/2012	Aus144-158	South Channel-Shoaling
1064/2012	Aus154	Williamstown-Harbour works
1229/2012	Aus157	Wilson Spit-Light beacon destroyed
74/2013	Aus154	River Yarra-Short Road Wharf-Harbour works
75/2013	Aus154	Appleton Dock-Harbour works
280/2013	Aus155	Yorkies Rock-Light buoy off station
319/2013	Aus143-155	Mordialloc-Shoaling
365/2013	Aus154	Port Melbourne-Station Pier-Harbour works
366/2013	Aus155	St Kilda-Harbour works
		<i>Port Welshpool</i>
369/2013	Aus182	Harbour works
		<i>Queenscliff</i>
278/2013	Aus143	Dredging operations
		<i>The Narrows</i>
77/2013	Aus150	Shoaling
320/2013	Aus150	Dredging operations
		<i>Toora Channel</i>
479/2012	Aus181	Light beacon destroyed; light buoy established
		<i>Western Port</i>
514/2008	Aus150-151	Shoaling northwards
367/2013	Aus150-151	Flinders Bight-Light altered
		WESTERN AUSTRALIA
		<i>Albany</i>
1108/2012	Aus109	Harbour works
		<i>Ashburton Road to Moresby Shoals</i>
116/2013	Aus64-328-743	Scientific instruments
		<i>Barrow Island</i>
622/2011	Aus327-328	Scientific instruments northwards
776/2011	Aus327-328-742	Pipeline infrastructure
260/2012	Aus327-328-742	Pipeline
360/2012	Aus62-742-743	Scientific instruments
1101/2012	Aus62-327-328-742-743	Pipeline
68/2013	Aus62	Scientific instrument
69/2013	Aus62-327-328-742-743	Harbour works
175/2013	Aus62-742	Anchorage
223/2013	Aus328-4723-AX04723U	Drill rig northwestwards
357/2013	Aus328-742	Seismic survey northwestwards
		<i>Broome</i>
1216/2012	Aus50-51	Scientific instrument

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
382/2011 1288/2012	Aus319-320-AX0319F Aus319-4721-4722-AX00319U- 04721U-04722U	<i>Browse Island</i> Scientific instrument Drill rig northwestwards
64/2013	Aus319-320-AX00319U	Light buoys northwestwards
228/2013	Aus115	<i>Bunbury</i> Shoaling
111/2013	Aus55-56	<i>Cape Lambert</i> Light beacons to be established
1006/2012	Aus315-318-AX00315U	<i>Cape Londonderry</i> Scientific instruments northeastwards
311/2013	Aus43-306-309-310-311-312- 314-315-316-317-318-319-320- 321-322-323-324-325-714-716- 717-718-719-725-726-727-728- 729-732-4720-4721-4722- AX00306U-00309T-00309U- 00310U-00311U-00312U- 00314U-00315U-00317U- 00319U-00321U-00322U- 04720U-04721U-04722U	<i>Cape Wessel to James Price Point</i> Seismic survey
118/2013	Aus73	<i>Carnarvon</i> Obstruction
1160/2012	Aus111-114-117-AX00117T	<i>Cockburn Sound</i> Scientific instruments
278/2011	Aus755-AX0755E-66002	<i>Comet Bay</i> Scientific instrument
127/2012 661/2012 1291/2012 112/2013 221/2013 271/2013	Aus57-58 Aus59 Aus58-59-60 Aus57-58-59-60 Aus58-59 Aus57-741-742	<i>Dampier</i> Obstructions King Bay-Light beacon damaged Depth information Scientific instruments Mermaid Sound-Light beacons removed Obstruction
629/2010 110/2013	Aus327 Aus326-327-739-741-4722- AX04722U	<i>Dampier Archipelago</i> Scientific instruments northwestwards Seismic survey northeastwards
171/2013 272/2013	Aus327-741-4722-4723- AX04722U-04723U Aus327-742	Offshore infrastructure northwestwards Drill rig northwestwards
418/2012	Aus119	<i>Esperance</i> Depth information
72/2013	Aus72	<i>Exmouth Boat Harbour</i> Harbour works
362/2012	Aus328-329	<i>Exmouth Plateau</i> Scientific instruments

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES (continued)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
177/2013	Aus327-328-743	<i>False Island</i> Wreck
1107/2012	Aus116	<i>Flinders Bay</i> Harbour works
524/2012	Aus113	<i>Fremantle</i> Harbour works
1057/2012	Aus113	Depth information
1105/2012	Aus112-AX63112	Light beacon
518/2009	Aus334-335-755-756-AX0334E-0755E	<i>Geographe Bay</i> Scientific instrument
946/2008	Aus81	<i>Geraldton</i> Depth information
941/2011	Aus327-741	<i>Glomar Shoal</i> Scientific instruments westwards
1155/2012	Aus324	<i>James Price Patches to Cary Patch</i> Scientific instruments
712/2012	Aus324	<i>James Price Point</i> Scientific instruments
1221/2012	Aus109-110-118-759-AX00110S-00118S	<i>King George Sound</i> Light altered; pilot boarding place repositioned
474/2012	Aus115	<i>Koombana Bay</i> Scientific Instrument
1106/2012	Aus114-117-AX00117T	<i>Kwinana</i> Mooring buoy
1294/2012	Aus328-4723-AX04723U	<i>Montebello Islands</i> Drill rig northwestwards
1295/2012	Aus328-4723-AX04723U	Drill rig northeastwards
356/2013	Aus327-4723-AX04723U	Drill rig northwards
358/2013	Aus328-4723-AX04723U	Drill rig northwestwards
314/2013	Aus328	<i>Montebello Islands northwestwards</i> Seabed infrastructure
917/2012	Aus61-62-63-742-743	<i>Montebello Islands to Barrow Island</i> Lit mooring buoys
117/2013	Aus328-329-744	<i>Muiron Islands</i> Seismic survey northwestwards
524/2010	Aus112-116-117-334-754-755-AX0334E-0754E-0755E-63112-66002-70117-AU432115-433115	<i>Mullaloo to Warnbro Sound</i> Scientific instruments
1056/2012	Aus329-4723-4725-AX04723U	<i>North West Cape</i> Drill rig southwestwards
1219/2012	Aus328-329	Scientific instruments northwards
226/2013	Aus329-4723-4725-AX04723U	Drill rig northwestwards

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
472/2012	Aus743	<i>Passage Islands</i> Obstructions
362/2013	Aus332-333-751-752	<i>Pelsaert Bank</i> Seismic survey
316/2013	Aus334-754-AXA0754S-00334S-00754S	<i>Perth</i> Scientific instruments westwards
722/2010	Aus52-54-AU5052P0	<i>Port Hedland</i> Depth information
126/2012	Aus55-56	<i>Port Walcott</i> Scientific instrument
713/2012 313/2013	Aus327 Aus327-328-742	<i>Rankin Bank</i> Scientific instrument northeastwards Seismic survey southwestwards
353/2013	Aus322-4722-AX00322U-04722U	<i>Scott Reef</i> Drill rig
1053/2012	Aus322-AX00322U	<i>Seringapatam Reef</i> Scientific instrument
360/2013	Aus64-328-743	<i>Thevenard Island</i> Scientific instruments
315/2013	Aus64-743-744	<i>West Reef to Fly Island</i> Scientific instruments
INDIAN OCEAN		
870/2012	Aus4070-4071	<i>Sumatera</i> Scientific instruments westwards
PACIFIC OCEAN		
283/2011 351/2013	Aus4602 Aus399-4622	<i>South Fiji</i> Light buoy withdrawn Scientific instruments
PAPUA NEW GUINEA		
1286/2011 564/2012	Aus399-683-4622 Aus684	<i>Bougainville Island</i> Lights unlit Wrecks
66/2011 609/2012	Aus379 Aus379	<i>Caution Bay</i> Harbour works Nav aids to be established
166/2013	Aus388-4622	<i>Condor Point</i> Light unlit
165/2013	Aus520-4620-4621-AX04620U-04621U	<i>Daia Point</i> Light unlit
709/2011	Aus377-379-AX60377	<i>Eastern Fields</i> Reef delineation

371(T)/2013 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES *(continued)*

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
349/2013	Aus378-4620-AX04620U	<i>Gulf of Papua</i> Drill rig
350/2013	Aus378-502	Cable laying operations
1285/2012	Aus388	<i>Karkar Island</i> Light beacon established
904/2012	Aus643	<i>Lae</i> Dredging operations
164/2013	Aus628	<i>Nuakata Passage</i> Light beacon destroyed
404/2008	Aus379-505-4620	<i>Port Moresby</i> Fish aggregation device southwards

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Ackers Shoal	Light buoy		P Martin

NAVIGATION WARNINGS

The following radio messages have been received during the period to 5 April 2013. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

Rigs on location other than those listed in the latest Section III summary are the subject of Radio Navigational Warnings. Rigs in transit will not be the subject of Warnings.

AUSCOAST WARNING

088 Drill rig *Transocean Legend* in position 13° 44'.28 S 122° 20'.13 E. 2.5M clearance requested.
 089 Cancelled.
 090 Cancelled.
 091 Chart Aus 293 Prince of Wales Channel. Shoal of 9.9m charted depth reported in position 10° 28'.24 S 142° 24'.75 E.
 092 Cancelled.
 093 Cancelled.
 094 Cancelled.
 095 Cancelled.
 096 Fife Island light K3230 in position 13° 39'.24 S 143° 43'.05 E permanently discontinued.
 097 Special purpose vessel *Aquila Explorer* conducting seismic survey in an area bounded by 11° 29'.0 S to 17° 39'.0 S and 117° 55'.0 E to 126° 03.0 E. 10M clearance requested.
 098 Fahey Reef light K3227 in position 14° 03'.78 S 143° 51'.40 E permanently discontinued.
 099 Tuna Platform light in position 38° 11'.23 S 148° 23'.23 E unlit.
 100 Drill rig *Atwood Falcon* in position 20° 04'.23 S 115° 11'.03 E. 2.5M clearance requested.
 101 Cancelled.
 102 Cancelled.
 103 Drill rig *Ensco 109* in position 20° 00'.38 S 115° 38'.29 E. 2.5M clearance requested.

NAVAREA X WARNINGS

013 Cancelled.
 014 Cancelled.
 015 Cancelled.

Navigational warnings in force as at 050001UTC APR 13.**Auscoast**

2012 318

2013 014 019 024 026 028 053 063 069 070 075 082 087 088 091 096 097 098 099 100

Navarea X

2013 Nil

Summary of mobile drilling rigs as at 050001UTC APR 13.

<i>Name</i>	<i>Position</i>
Jack Bates	13° 24'.93 S 123° 18'.21 E
Transocean Legend	13° 44'.28 S 122° 20'.13 E
Ensco 104	20° 17'.36 S 116° 16'.51 E
Ensco 109	20° 00'.38 S 115° 38'.29 E
Atwood Falcon	20° 04'.23 S 115° 11'.00 E
Deepwater Frontier	19° 47'.59 S 114° 38'.93 E
Ocean America	20° 43'.31 S 114° 36'.55 E
Atwood Osprey	19° 52'.91 S 114° 04'.05 E
Atwood Eagle	21° 21'.01 S 113° 31'.09 E
Noble Clyde Boudreaux	22° 05'.20 S 113° 10'.85 E

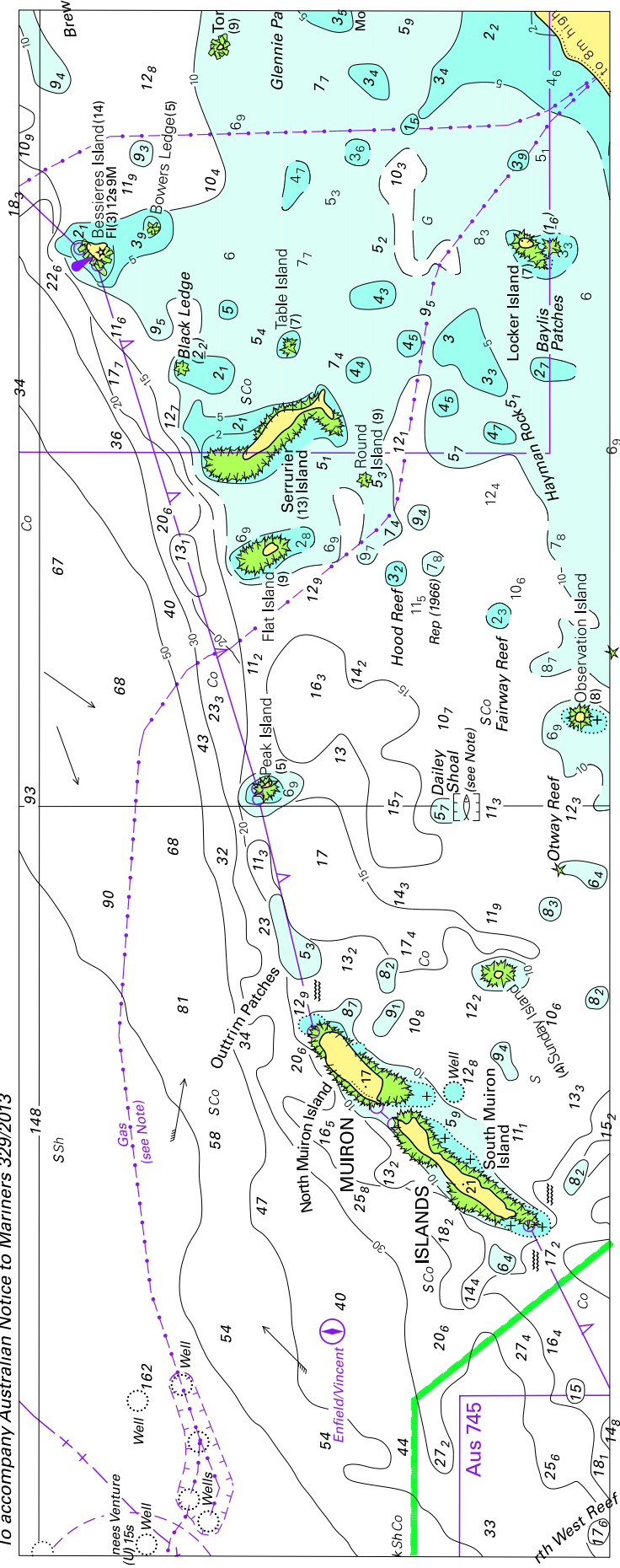
NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 050001UTC APR 13.

076 095 105

To accompany Australian Notice to Mariners 329/2013



Block for chart Aus 328

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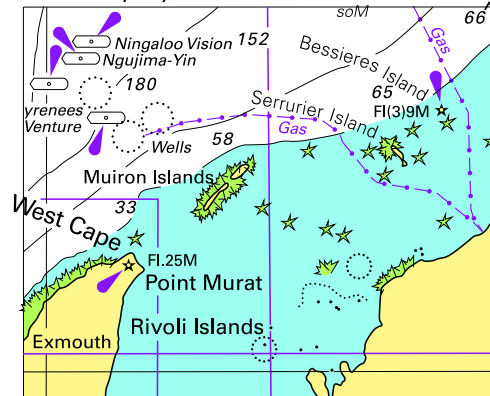
(242.5 x 92.8mm)

The map shows the Muiron Islands area, including North Muiron Island, South Muiron Island, and Outtrim Patches. It features various wells, gas locations, and geological features. A red line is drawn across the map, and a grid of numbers and letters is overlaid. The map is titled 'Muiron Islands' and includes a note about gas locations.

(95.9 x 92.8mm)

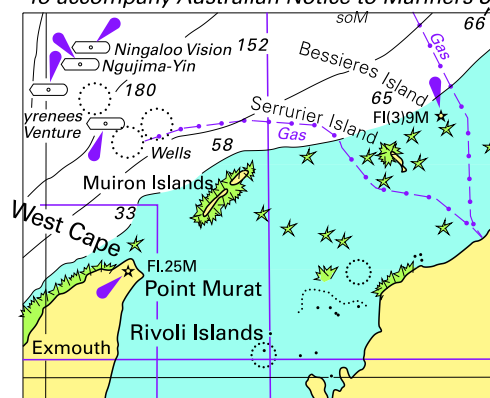
Block for chart Aus 329

To accompany Australian Notice to Mariners 329/2013



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Block for chart Aus 4723 (62.8 x 51.6mm)

To accompany Australian Notice to Mariners 329/2013



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Block for chart Aus 4725 (62.8 x 51.6mm)