



22 April 2011

Edition 8

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

AUSTRALIAN NOTICES TO MARINERS

Notices 397 – 448 

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

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SUPPLEMENTS.

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Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing
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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NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 8

[illegible]

397 AUSTRALIA - Product

Australian Hydrographic Service (AA527123, AA527919, AA527920)

New Edition

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Index Chart</i>	<i>Price</i>
Aus 299	22/4/2011	Australia - North Coast - Torres Strait - Approaches to Thursday Island 10° 32'.17 S - 10° 36'.60 S 142° 08'.69 E - 142° 15'.77 E <i>New edition with general updating throughout.</i>	1:12 500	Aus 5000	\$35.00

New Electronic Navigation Chart (Seafarer ENC)

<i>Cell Name</i>	<i>Released</i>	<i>Title</i>
AU325154	April 2011	Coral Sea- Recorder Seamount North West
AU326154	April 2011	Coral Sea - Recorder Seamount South West
AU4611P3	April 2011	Coral Sea - Wreck Reefs
AU4615P1	April 2011	Coral Sea - Flinders Reefs

AHP24

<i>AHP No</i>	<i>Published</i>	<i>Title</i>	<i>Price</i>
AHP24	March 2011	Australian Chart and Publication Maintenance Handbook. Edition 1/2011.	\$24.95

New Chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 815	Australia - East Coast - Queensland - Cape Moreton to Double Island Point	1:150 000	6 May 2011

Chart permanently withdrawn

<i>Chart</i>	<i>On publication of new edition</i>
Aus 299	Aus 299

Chart to be permanently withdrawn without replacement

<i>Chart</i>	<i>On publication of new chart</i>
Aus 365	Aus 815

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.

398* AUSTRALIA - NEW SOUTH WALES - Montague Island - Scientific instruments

Sydney Institute of Marine Science (AA525825, AA525826)

Aus 807 [238/2011]

Insert	depth, 15m, enclosed by danger circle with legend, ODAS	36° 11'.5 S	150° 14'.0 E
	depth, 15m, enclosed by danger circle with legend, ODAS	36° 12'.9 S	150° 18'.5 E
Delete	depth, 94m	36° 11'.2 S	150° 14'.0 E

Aus 4643 (INT 643) [238/2011]

Insert	depth, 15m, enclosed by danger circle with legend, ODAS	36° 11'.5 S	150° 14'.0 E
	depth, 15m, enclosed by danger circle	36° 12'.9 S	150° 18'.5 E
Delete	depth, 70m	36° 10'.0 S	150° 11'.0 E

399* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Rozelle Bay - Light beacon

Australian Hydrographic Service (AA336913)

Aus 200 [84/2011]

Delete light beacon 33° 52'.17 S 151° 11'.04 E

Aus 202 [1156/2010]

Delete light beacon 33° 52'.17 S 151° 11'.04 E

AX 6202F [NE 6/7/2001]

Delete light beacon 33° 52'.17 S 151° 11'.04 E

400* AUSTRALIA - QUEENSLAND - Clarence Head to Caloundra Head - Chart limits; legends

Australian Hydrographic Service (AA526155)

Aus 365 [342/2011]

Insert	magenta limits, with legend Aus 814 in NE corner, between	27° 01'.00 S	153° 07'.94 E
		26° 55'.50 S	153° 07'.94 E
		26° 55'.50 S	154° 07'.34 E
		27° 01'.00 S	154° 07'.34 E

Delete	legend, Adjoining Chart Aus 364, in S border	27° 01'.0 S	153° 46'.0 E
	magenta limits, with legend Aus 814, centred on	26° 55'.0 S	153° 33'.0 E

Aus 424 [342/2011]

Insert	magenta limits, with legend Aus 813 in SE corner, between	29° 37'.3 S	153° 13'.0 E
		29° 37'.3 S	154° 12'.4 E
		28° 08'.0 S	154° 12'.4 E
		28° 08'.0 S	153° 13'.0 E
		29° 37'.3 S	153° 13'.0 E
	magenta limits, with legend Aus 814 in SE corner, between	28° 19'.0 S	153° 08'.0 E
		28° 19'.0 S	154° 07'.4 E
		26° 55'.4 S	154° 07'.4 E
		26° 55'.4 S	153° 08'.0 E
		28° 19'.0 S	153° 08'.0 E

Delete	magenta limits, with legend Aus 364, centred on	28° 00'.0 S	153° 50'.0 E
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401* AUSTRALIA - QUEENSLAND - Double Island Point - Wolf Rock - Rock

Maritime Safety Queensland (AA524128)

Aus 240 [341/2011]

Insert	danger circle, centred on	25° 54'.605 S	153° 11'.850 E
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Delete	depth, 19 ₆ m	25° 54'.65 S	153° 11'.80 E
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Aus 817 [342/2011]

Insert	danger circle, centred on	25° 54'.61 S	153° 11'.85 E
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402* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Depths

Fugro Survey Pty Ltd (DHDB 266482)

Aus 327 [349/2011]

Insert	accompanying block	20° 50'.0 S	115° 25'.0 E
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403* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Production well; submarine pipeline; submarine power cable

*Former Notice - 175(T)/2011 is cancelled
Apache Energy Ltd (AA521803, AA524040)*

Aus 328 [349/2011]

Insert	accompanying block	20° 35'.0 S	115° 00'.0 E
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Aus 742 [349/2011]

Insert	submarine power cable, between	20° 26'.86 S	115° 07'.19 E
		20° 29'.19 S	115° 04'.17 E

404* AUSTRALIA - WESTERN AUSTRALIA - Shark Bay - Cape Peron North - Depth northwestwards

West Coast Pilots, C Dooley (AA526971 - AA526974)

Aus 331 [NC 10/2/2011]

Insert	upright sounding, 7m, enclosed by broken contour with legend, <i>Rep(2011)</i>	25° 27'.70 S	113° 20'.35 E
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Aus 747 [698/2010]

Insert	upright sounding, 7m, enclosed by broken contour with legend, <i>Rep(2011)</i>	25° 27'.70 S	113° 20'.35 E
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Aus 748 [698/2010]

Insert	upright sounding, 7m, enclosed by broken contour with legend, <i>Rep(2011)</i>	25° 27'.70 S	113° 20'.35 E
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Aus 749 [698/2010]

Insert	upright sounding, 7m, enclosed by broken contour with legend, <i>Rep(2011)</i>	25° 27'.70 S	113° 20'.35 E
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405* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Deepwater Channel - Dredged channel; depths; light buoys

*Former Notice - 329(T)/2011 is cancelled
Fremantle Ports (AA523393 - AA523395)*

Aus 112 [252/2011]

Insert	accompanying block	32° 00'.0 S	115° 42'.0 E
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AX 63112 [252/2011]

Insert	accompanying block	32° 00'.0 S	115° 42'.0 E
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406* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Infrastructure; turbine

Fremantle Ports (AA510310, AA510311)

Aus 334 [997/2010]

Insert	accompanying block	32° 01'.5 S	115° 52'.0 E
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Aus 754 [351/2011]

Insert	accompanying block	32° 01'.5 S	115° 44'.0 E
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AX 0334E [997/2010]

Insert	accompanying block	32° 01'.5 S	115° 52'.0 E
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AX 0754E [351/2011]

Insert	accompanying block	32° 01'.5 S	115° 44'.0 E
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AX 66002 [351/2011]

Insert	accompanying block	32° 01'.5 S	115° 44'.0 E
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407* AUSTRALIA - WESTERN AUSTRALIA - Kwinana - Calista Channel - Light buoy
Fremantle Ports (AA525901 - AA525903)

Aus 114 [354/2011]

Substitute	port lateral pillar light buoy, <i>Fl.R.2s G</i> , without topmark for light beacon	32° 11'.53 S	115° 45'.84 E
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Aus 117 [354/2011]

Substitute	port lateral pillar light buoy, <i>Fl.R.2s G</i> , without topmark for light beacon	32° 11'.53 S	115° 45'.84 E
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AX 70117 [354/2011]

Substitute	port lateral pillar light buoy, <i>Fl.R.2s G</i> , without topmark for light beacon	32° 11'.53 S	115° 45'.84 E
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408* AUSTRALIA - TASMAN SEA - Tasman Basin - Light buoys established
Bureau of Meteorology (AA526989, AA527043 - AA527045)

Aus 4601 (INT 601) [475/2010]

Insert	yellow cylindrical light buoy, <i>Fl.Y.2s</i> , without topmark	46° 49'.0 S	160° 11'.0 E
	white conical light buoy, <i>Fl.Y.2s</i> , without topmark	44° 51'.2 S	161° 43'.7 E
Delete	light buoy	46° 56'.0 S	160° 28'.0 E

409* AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne Channel - Light beacon altered
Victorian Notice 53/2011 (AA526447)

Aus 155 [47/2011]

Amend	light beacon to <i>Fl.R.2s No6</i>	37° 54'.54 S	144° 55'.56 E
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410(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Spoil ground
Port Kembla Port Corporation Notice 2/2011 (AA528983)

A spoil ground marked by six lit special buoys exists in the vicinity of position 34° 28'.33 S 150° 54'.57 E.

Chart temporarily affected - Aus 194 - Aus 195

411(P)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Light buoy established
Date – 21 April 2011
Newcastle Port Corporation (AA527716)

A special pillar light buoy, Q(3)Y.5s, exists in position 32° 54'.95 S 151° 48'.82 E.

Chart which will be affected - Aus 207

412(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information

Former Notice - 367(T)/2011 is cancelled

Brisbane Port Corporation (AA526055), Maritime Safety Queensland Notice 324(T)/2011 (AA526370)

Available depths and under keel clearances (UKC) at 8 April 2011:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No10	13.1	
Fisherman Islands No9	13.0	
Fisherman Islands No8	13.0	
Fisherman Islands No7	13.1	
Fisherman Islands No6	12.9	
Fisherman Islands No5	12.8	
Fisherman Islands No4	12.6	
Fisherman Islands No3	12.2	
Fisherman Islands No2	13.0	
Fisherman Islands No1	12.6	
Fisherman Islands Grain and Woodchip	12.9	
Caltex Fisherman Islands	14.3	
Fisherman Islands Coal	13.0	
Fisherman Islands General Purpose	10.8	
BP Luggage Point	13.2	
Caltex Products	9.9	
Cement Australia Co Wharf	9.4	
BP Products	10.8	
Shell	11.0	
Pacific Terminals	10.1	
Incitec North	10.0	
Incitec South	9.9	
Pinkenba 1	10.3	
Pinkenba 2	10.3	
Riverside Marina	-	
Sugar Terminal	9.8	
Cairncross Fitting Out Wharf	6.5	
Cairncross Breasting Wharf	5.6	
Brisbane Naval Wharf	-	
Maritime No3	5.6	(not maintained)
Maritime No2	8.8	
Maritime No1	9.0	
Hamilton No4	9.9	
Hamilton No1	8.6	
Brisbane Cruise Ship Terminal	9.0	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay :</i>		
North East Channel	5.5	1.5
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)
East Knoll Bypass Channel	6.9	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>		
Entrance Beacons and Bar Cutting	13.1	1.46
Fisherman Islands Swing Basin	13.0	1.3
Pelican Banks Reach to Hamilton Reach	8.9	0.6 / 0.9 (draft/tide)
* Cement Australia Swing Basin	8.9	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	8.9	0.6 / 0.9 (draft/tide)
* Hamilton Swing Basin	8.1	0.6 / 0.9 (draft/tide)
* Indicates new or revised entry.		

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

413(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane - Eagle Farm Flats Reach - Obstruction and light buoy removed
Former Notice - 107(T)/2011 is cancelled
 Maritime Safety Queensland Notice 356/2011 (AA527893)

Cancel this notice on receipt.

Chart formerly affected - Aus 238

414(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Reach - Harbour works
Date - Until 16 May 2011
 Maritime Safety Queensland Notice 333(T)/2011 (AA526872)

The barge *Maeve Anne* is conducting piling operations at the BP Products Wharf (27° 25'.29 S 153° 08'.09 E).

The barge has deployed anchors extending approximately 60m into the channel and will monitor VHF Ch 12.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237 - Aus 238

415(T)/2011 AUSTRALIA - QUEENSLAND - Boyne River - Shoaling
Former Notice - 58(T)/2011 is cancelled
 Maritime Safety Queensland Notice 342(T)/2011 (AA527129)

Shoaling exists within the entrance and approach channel to Boyne River (23° 56'.5 S 151° 21'.3 E).

No8 port beacon (23° 56'.32 S 151° 21'.31 E) has been temporarily altered to a starboard beacon and renamed No7.

A special light buoy, *Fl.Y.2.5s*, exists in position 23° 55'.61 S 151° 22'.08 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 246

416(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Depth information

Former Notice - 1389(T)/2010 is cancelled

Maritime Safety Queensland Notice 328(T)/2011 (AA526925)

Available depths as at 11 April 2011:

	<i>Metres</i>
Sea Channels:	
Wild Cattle Cutting	16.1
Boyne Island Cutting	16.3
Boyne Island Extension Channel	9.0
* Golding Cutting	15.9
South Bypass Channel	7.4
Gatcombe Channel	16.3
Gatcombe Bypass Channel	13.4
Inner Channels:	
Auckland Channel	15.3
Auckland Bypass Channel	6.8
Clinton Channel	16.0
Clinton Bypass Channel	10.6
Clinton Swing Basin	10.1
Targinie Channel	10.2
Targinie Swing Basin East	10.9
Targinie Swing Basin West	8.6
Berths:	
Boyne Smelter Wharf	15.0
South Trees East Wharf	13.8
South Trees West Wharf	13.0
Barney Point Wharf (east approach)	13.5
Barney Point Wharf (west approach)	11.5
Barney Point Wharf	15.0
Auckland Point No 1 Wharf	11.3
Auckland Point No 2 Wharf	11.3
Auckland Point No 3 Wharf	11.4
Auckland Point No 4 Wharf	11.3
Clinton No 1 Wharf	19.2
Clinton No 2 Wharf	18.4
Clinton No 3 Wharf	18.6
Clinton No 4 Wharf	19.1
Fishermans Landing Wharf No 1	13.6
Fishermans Landing Wharf No 2	13.3
Fishermans Landing Wharf No 4	11.4
Fishermans Landing Wharf No 5	11.4

* Indicates revised entry.

Chart temporarily affected - Aus 244 - Aus 245 - Aus 246**417(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Bushy Islet - Scientific instrument**

Maritime Safety Queensland Notice 348(T)/2011 (AA527653)

A special light buoy, *Fl. Y. 3s*, exists in position 23° 50'.78 S 151° 20'.49 E.**Chart temporarily affected - Aus 245**

418(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Anchorage area*Former Notice - 315(T)/2011 is cancelled*

Maritime Safety Queensland Notice 318(T)/2011 (AA526389)

A small craft anchorage exists within an area bounded by the following positions:

23° 45' 0 S 151° 09' 8 E

23° 45' 0 S 151° 10' 0 E

23° 46' 4 S 151° 10' 4 E

23° 46' 4 S 151° 10' 0 E.

Mooring buoys exist within the area.

Permission must be obtained from Gladstone Port Corporation prior to anchoring or mooring within the area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 245**419(T)/2011 AUSTRALIA - QUEENSLAND - Emu Point - Lights altered**

Maritime Safety Queensland Notice 327(T)/2011 (AA528237)

The leading lights (23° 15'.00 S 150° 49'.43 E) have been temporarily altered to *Iso. Y.2s & Q. Y.***Chart temporarily affected - Aus 247 - Aus 819 - Aus 820****420(T)/2011 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Harbour works***Date - Until 24 May 2011*

Maritime Safety Queensland Notice 314(T)/2011 (AA526360)

Harbour works associated with the remediation of boat ramps in the vicinity of position 23° 09'.81 S 150° 47'.33 E are in progress.

Chart temporarily affected - Aus 247**421(T)/2011 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing***Date - Until 14 May 2011*

Maritime Safety Queensland Notice 267(T)/2011 (AA523957)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 2 to 13 May 2011.

A marine danger area extends to all waters within a 3M radius of position 22° 23'.0 S 150° 30'.3 E.

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

Chart temporarily affected - Aus 260 - Aus 367 - Aus 822 - AX 0260E - AX 0367E - AX 0822E - AX 60260**422(T)/2011 AUSTRALIA - QUEENSLAND - Whitsundays - Spitfire Rock - Light beacon destroyed***Former Notice - 1190(T)/2010 is cancelled*

Maritime Safety Queensland Notice 930(T)/2010, 345(T)/2011 (AA500617, AA527139)

The west cardinal light beacon (20° 28'.59 S 149° 01'.70 E) has been destroyed.

Chart temporarily affected - Aus 252 - Aus 254 - Aus 824

423(T)/2011 AUSTRALIA - QUEENSLAND - Fitzalan Passage - Light buoy unlit*Former Notice - 318(T)/2011 is cancelled*

Maritime Safety Queensland Notice 334(T)/2011 (AA527148)

The special light buoy, *Fl.Y.2-5s* (20° 18'.77 S 148° 56'.05 E), is unlit.**Chart temporarily affected - Aus 252 - Aus 253 - Aus 254****424(T)/2011 AUSTRALIA - QUEENSLAND - Bird Island to Black Island - Light beacon relit***Former Notice - 375(T)/2011 is cancelled*

Maritime Safety Queensland Notice 343/2011 (AA527138)

Cancel this notice on receipt.

Chart formerly affected - Aus 252 - Aus 254**425(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Dredging operations completed***Former Notice - 1139(T)/2010 is cancelled*

Maritime Safety Queensland Notice 331(T)/2011 (AA526881)

Cancel this notice on receipt.

Chart formerly affected - Aus 256 - Aus 257**426(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Depth information***Former Notice - 167(T)/2011 is cancelled*

Maritime Safety Queensland Notice 350(T)/2011 (AA527647)

Available depths as at 18 April 2011:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.8	
* Platypus Channel	11.3	
Outer Harbour:		
* Arrival Channel	7.5	
* Departure Channel	10.5	
Inner Harbour:		
* Harbour	11.8	
Berths:		
* No 1	11.7	
* No 2	11.8	
No 3	11.9	
* No 4	10.4	
No 7	10.9	
* No 8	9.4	
* No 9	12.1	
* No 10	9.3	From 10m mark to seaward dolphin
	9.6	From Ro-Ro ramp to 10m mark
No 11	11.5	
* CB Marine	-	No declared depth
* Between No 7 and No 8	9.7	Seaward of zero mark at No 7
* Between No 9 and No 10	10.4	Seaward of zero mark at No 10
Ross River Channel	-	No declared depth
Ross Creek	-	No declared depth
* Indicates revised entry.		

Chart temporarily affected - Aus 256 - Aus 257

427(T)/2011 AUSTRALIA - QUEENSLAND - Hinchinbrook Channel - Light buoys off station
 Maritime Safety Queensland Notices 319(T)/2011, 320(T)/2011 (AA526358, AA526361)

Light buoys No5 (18° 23'.23 S 146° 11'.78 E) and No10 (18° 24'.30 S 146° 11'.87 E) are off station.

Chart temporarily affected - Aus 259

428(T)/2011 AUSTRALIA - QUEENSLAND - Gladys Inlet - Flying Fish Point - Light beacon unlit
 Maritime Safety Queensland Notice 332(T)/2011 (AA527157)

The light beacon (17° 30'.37 S 146° 04'.68 E) is unlit.

Chart temporarily affected - Aus 258 - Aus 829

429(T)/2011 PAPUA NEW GUINEA - Badila Dabobona Reef - Light beacon altered southeastwards
 Date - Until 31 October 2011
 National Maritime Safety Authority PNG Notice 20/2011 (AA527923, AA527924)

The light beacon (10° 23'.60 S 151° 00'.77 E) has been temporarily altered to *Fl(2)10s 7m 4M*.

Chart temporarily affected - Aus 508 - Aus 628

430(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Light beacon unlit
 Maritime Safety Queensland Notice 349(T)/2011 (AA528213)

No6 light beacon, *Fl.R.4s* (17° 26'.08 S 140° 44'.22 E), is unlit.

Chart temporarily affected - Aus 6

431(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seismic survey northeastwards
 Former Notice - 389(T)/2011 is cancelled
 Date - Until 8 May 2011
 NT Shipping Agencies (AA527690, AA527691)

MV *Ramform Sterling*, and support vessel *Ocean Dynasty* are conducting a survey in an area bounded by the following positions:

14° 20'.4 S 121° 37'.0 E
 14° 20'.4 S 122° 17'.2 E
 14° 44'.6 S 122° 17'.2 E
 14° 44'.6 S 121° 37'.0 E.

Chart temporarily affected - Aus 322 - AX 0322F

432(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instruments
 Date - Until 31 October 2011
 MetOcean Engineers (AA528772)

Scientific instruments marked by lit buoys, *Fl(5)Y.20s*, exist in positions:

20° 26'.02 S 117° 09'.26 E
 20° 34'.49 S 117° 06'.14 E
 20° 34'.58 S 117° 06'.18 E.

Chart temporarily affected - Aus 55 - Aus 327 - Aus 740 - Aus 741

433(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northwestwards*Former Notice* - 1335(T)/2010 is cancelled*Date* - Until 31 July 2011

Fugro Multi Client Services Pty Ltd (AA527204)

MV *Geo Celtic*, towing ten 6600m cables, and support vessel MV *Sealink 161* are conducting a survey in an area bounded by the following positions:

19° 14'.92 S 115° 35'.08 E
 19° 14'.92 S 115° 25'.08 E
 19° 09'.92 S 115° 25'.08 E
 19° 09'.92 S 115° 20'.08 E
 18° 29'.92 S 115° 20'.08 E
 18° 29'.92 S 115° 50'.08 E
 19° 14'.92 S 115° 50'.08 E
 19° 14'.92 S 116° 00'.08 E
 19° 34'.92 S 116° 00'.08 E
 19° 34'.92 S 115° 40'.08 E
 19° 19'.92 S 115° 40'.08 E
 19° 19'.92 S 115° 35'.08 E.

Chart temporarily affected - Aus 327 - Aus 4723 (INT 723)**434(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument***Former Notice* - 174(T)/2011 is cancelled*Date* - Until 30 June 2011

Department of Transport WA Notice 50/2011 (AA527735)

A special light buoy, *Fl(5)Y.20s*, exists in position 20° 47'.63 S 115° 29'.12 E.

Chart temporarily affected - Aus 62 - Aus 742 - Aus 743**435(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Light beacons established***Date* - Until 31 October 2011

Department of Transport WA Notice 53/2011 (AA527939)

Light beacons with temporary lights, *Fl.Y.3s*, exist in positions 20° 47'.66 S 115° 28'.64 E (WGS84 datum) and 20° 47'.60 S 115° 28'.31 E.

Chart temporarily affected - Aus 62 - Aus 327 - Aus 328 - Aus 742**436(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Scientific instruments***Date* - Until 31 May 2011

MetOcean Engineers (AA528772)

Subsurface scientific instruments exist in positions 20° 14'.21 S 113° 53'.59 E and 20° 23'.61 S 114° 03'.90 E.

Chart temporarily affected - Aus 329**437(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Onslow - Scientific instrument***Date* - Until 31 October 2011

Department of Transport WA Notice 59/2011 (AA527764)

A special light buoy, *Fl(5)Y.20s*, exists in position 21° 37'.38 S 115° 05'.49 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected - Aus 64

438(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Depth information

Former Notice - 70(T)/2011 is cancelled

Fremantle Ports (AA526854)

Available depths as at 12 April 2011:

<i>Berth</i>	<i>Metres</i>
No 1	11.0
No 2	11.0
* No 4	14.6
* No 5	14.6
* No 6	14.6
* No 7	14.6
* No 8	14.6
* No 9	14.6
* No 10	14.6
No 11	10.2
No 12	10.8
C	10.4
D	11.0
E	10.5
F	10.4
G	10.5
H	10.3

* Indicates new or revised entry.

Maximum draft of vessels using inner harbour berths must be obtained by contacting the Harbour Master's office.

Chart temporarily affected - Aus 113**439(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Obstruction; light buoys**

Date - Until 20 November 2012

Department of Transport WA Notice 58/2011 (AA528129, AA528131)

A subsurface power generating structure, marked by a special light buoy, *Fl(4)Y.20s*, exists in position 32° 15'.06 S 115° 39'.08 E.

An exclusion zone marked by cardinal light buoys exists in an area bounded by the following positions:

32° 14'.98 S 115° 39'.08 E

32° 15'.06 S 115° 39'.17 E

32° 15'.13 S 115° 39'.07 E

32° 15'.05 S 115° 38'.99 E.

A special light buoy, *Fl(5)Y.20s*, exists in position 32° 15'.09 S 115° 39'.03 E.

Mariners are advised to navigate with caution in the area and are not use these buoys as moorings.

Chart temporarily affected - Aus 117 - Aus 334 - Aus 754 - Aus 755 - AX 0334E - AX 0754E - AX 0755E - AX 66002 - AX 70117

440(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Bandy Creek Boat Harbour - Dredging operations

Date - Until 31 July 2011

Department of Transport WA Notice 54/2011 (AA527740)

The dredge *Cooper II* is conducting dredging operations in the vicinity of 33° 50'.16 S 121° 55'.99 E.

The dredge has deployed anchors and will display appropriate lights and shapes. A 60m floating pipeline exists in the area.

The dredge will monitor VHF Ch 16 and mariners must make contact prior to navigating past the dredge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 119

441(T)/2011 AUSTRALIA - TASMANIA - Georges Bay - Pelican Point - Dredging operations completed*Former Notice - 332(T)/2011 is cancelled*

Marine and Safety Tasmania Notice M42/2011 (AA522328 AA523124)

Cancel this notice on receipt.

Chart formerly affected - Aus 169**442(T)/2011 AUSTRALIA - TASMANIA - Stony Head - Scientific instrument northwards***Date - Until 31 October 2011*

Cardno (AA527770)

A special light buoy, Fl(5)Y.20s, exists in position 40° 30'.02 S 146° 55'.77 E.

Chart temporarily affected - Aus 799**443(T)/2011 AUSTRALIA - TASMANIA - River Tamar - Middle Bank - Light altered**

Marine and Safety Tasmania Notice M58/2011 (AA526428)

The light beacon, Fl.R.2s 7m 6M (41° 03'.67 S 146° 46'.73 E) has been temporarily altered to Q.Y.

Chart temporarily affected - Aus 167 - Aus 799**444(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Sorrento Channel - Light buoy off station**

Victorian Notice 54(T)/2011 (AA527767)

No3 buoy (38° 20'.66 S 144° 45'.88 E) is off station

Chart temporarily affected - Aus 158**445(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works completed***Former Notice - 394(T)/2011 is cancelled*

Victorian Notice 49(T)/2011 (AA525623)

Cancel this notice on receipt.

Chart formerly affected - Aus 154**446(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Depth information**

Victorian Notices 55(T)/2011, 56(T)/2011, 57(T)/2011 (AA526917, AA526912, AA526947)

Available depths as at 12 April 2011:

<i>Berth</i>	<i>Metres</i>
Maribyrnong No1	9.6
Southern approaches to Maribyrnong No1 (north of 37° 49'.2 S)	10.0
Yarraville No5	9.1

Chart temporarily affected - Aus 154**447(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Maribyrnong River - Harbour works completed***Former Notice - 337(T)/2011 is cancelled*

Victorian Notice 35(T)/2011 (AA518488)

Cancel this notice on receipt.

Chart formerly affected - Aus 154

22 April 2011

448(T)/2011 AUSTRALIA - BASS STRAIT - Platforms; pipeline

Former Notice - 1424(T)/2010 is cancelled

Date - Until 31 July 2012

McDermott Australia Pty Ltd (AA527057)

DB30, Emerald Sea, Miclyn Endurance and support vessels are conducting works to platforms and pipelines in the area bounded by 38° 11'.0 S to 38° 15'.0 S and 148° 00'.0 E to 148° 36'.0. Vessels are advised not to enter the area and a 2M safety zone exists around the vessels involved in the works.

Vessels can be contacted on VHF Ch 16.

Chart temporarily affected - Aus 357 - Aus 487

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
WA - Shark Bay	Depth	West Coast Pilots	C Dooley

NAVIGATION WARNINGS

The following radio messages have been received during the period to 22 April 2011. 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

- 120 Cancelled.
- 121 Cancelled.
- 122 Cancelled.
- 123 Drill rig *Ensco 109* in position 20° 01'·27 S 116° 18'·35 E. 2.5M clearance requested.
- 124 Cancelled.
- 125 Cancelled.
- 126 Cancelled.
- 127 Special purpose vessel *Geo Atlantic* conducting seismic survey towing 4M cable in an area bounded by 19° 30'·0 S to 20° 32'·0 S and 115° 20'·0 E to 116° 40'·0 E. 6.0M clearance requested.
- 128 8 lit buoys established within 1M of 19° 54'·92 S 115° 15'·06 E.
- 129 Four lit mooring buoys laid in an area bounded by 20° 28'·07 S to 20° 30'·07 S and 113° 43'·33 E to 113° 45'·47 E.
- 130 Drill rig *Jack Bates* in position 20° 02'·05 S 113° 37'·55 E. 2.5M clearance requested.

NAVAREA X WARNINGS

Nil.

Navigational warnings in force as at 220001UTC APR 11.**Auscoast**

2011 015 029 079 094 095 101 105 109 114 115 116 118 123 127 128 129 130

Navarea X

2011 001 004

Summary of mobile drilling rigs as at 220001UTC APR 11.

<i>Name</i>	<i>Position</i>
Songa Venus	11° 46'·42 S 127° 18'·22 E
Ocean America	15° 03'·95 S 121° 17'·50 E
Ensco 109	20° 01'·27 S 116° 18'·35 E
Ocean Patriot	20° 04'·96 S 115° 10'·56 E
Atwood Eagle	20° 08'·45 S 114° 53'·20 E
Nan Hai 6	21° 26'·00 S 114° 02'·00 E
Maersk Discoverer	21° 30'·80 S 113° 51'·80 E
Jack Bates	20° 02'·05 S 113° 37'·55 E

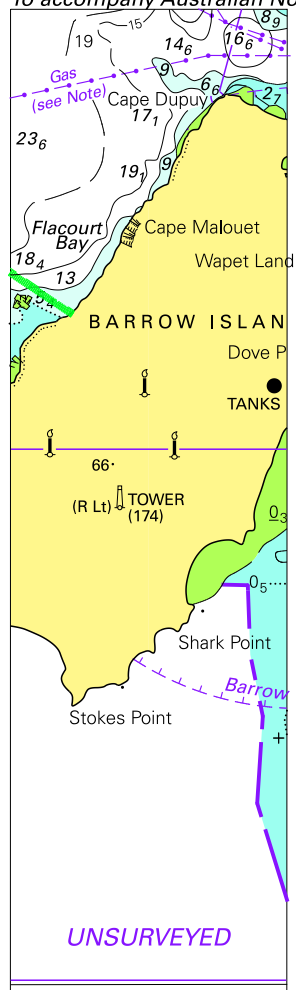
NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 220001UTC APR 11.

2010 047

To accompany Australian Notice to Mariners 402/2011

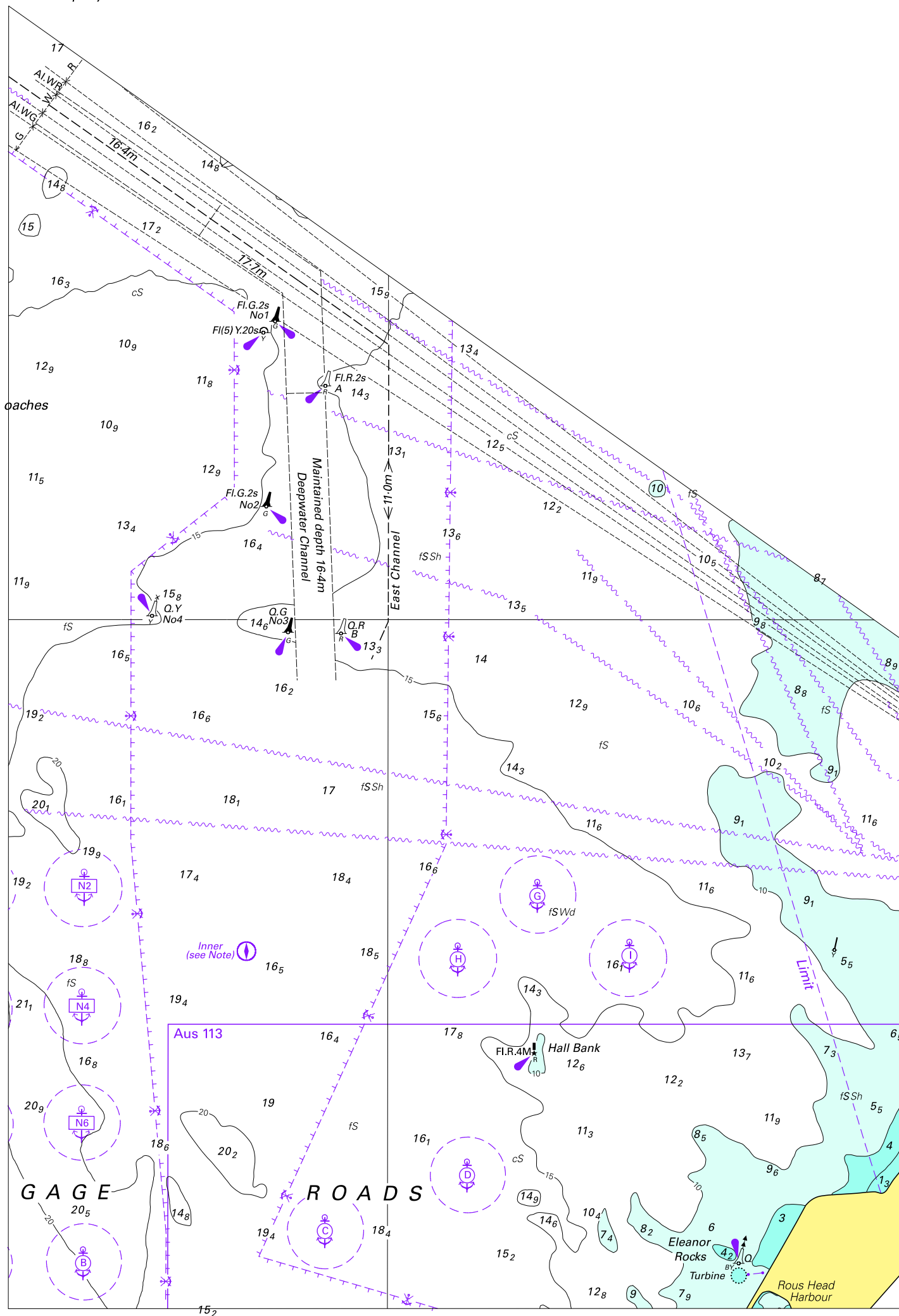


© Commonwealth of Australia 2011
 Block for chart Aus 327
 (36.6 x 130.8mm)

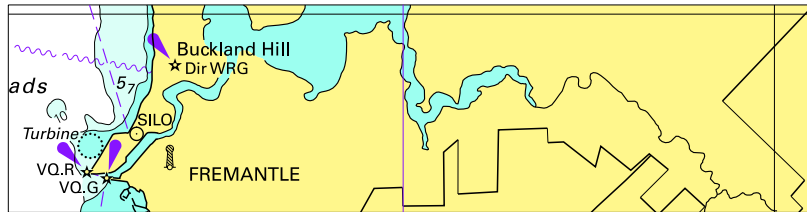
This map illustrates the John Brooks Mo(U) 15s 10M area, highlighting well locations and gas flow paths. Key features include:

- Well Locations:**
 - Halyard Prod Well:** Located in the upper left, marked with a dashed circle and labeled "Well #103".
 - Prod Well #94:** Located in the lower left, marked with a dashed circle and labeled "Well #94".
 - Mo(U) 15s East Spar:** Located in the lower left, marked with a dashed circle and labeled "Mo(U) 15s East Spar".
 - Prod Wells:** A cluster of dashed circles in the lower left, labeled "Prod Wells".
- Gas Flow Paths:**
 - A dashed line labeled "Gas (see Note)" runs from the Halyard Prod Well towards the lower left.
 - A dashed line labeled "Gas (see Note)" runs from the Mo(U) 15s East Spar towards the lower right.
 - A dashed line labeled "Gas (see Note)" runs from the Mo(U) 15s East Spar towards the upper right.
- Numerical Labels:**
 - 91, 80, 94, 104, 108, 65, 69, 78, 82, 46, 49, 32, 51, 76.
- Other Labels:**
 - John Brooks Mo(U) 15s 10M:** Located in the upper right, marked with a dashed circle and labeled "John Brooks Mo(U) 15s 10M".
 - Primary Area:** Located in the upper right, marked with a dashed circle and labeled "Primary Area".

(121.6 x 102.9mm)



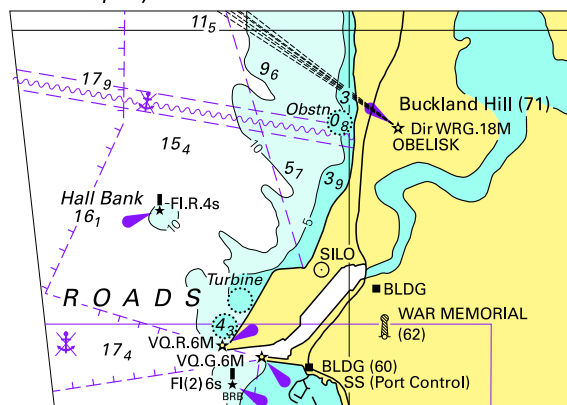
To accompany Australian Notice to Mariners 406/2011



Block for chart Aus 334 © Commonwealth of Australia 2011

(106.8 x 27.4mm)

To accompany Australian Notice to Mariners 406/2011



© Commonwealth of Australia 2011

Block for chart Aus 754

(75.1 x 52.7mm)