



18 July 2014

Edition 14

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

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# AUSTRALIAN NOTICES TO MARINERS

**Notices 670 - 715**



Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN  
*Hydrographer of Australia*

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## SECTIONS.

- I. Australian Notices to Mariners, including blocks and notes.
- II. Hydrographic Reports.
- III. Navigational Warnings.

## SUPPLEMENTS.

- I. Tracings
- II. Cumulative List of Australian Notices to Mariners.
- III. Cumulative List of Temporary and Preliminary Australian Notices to Mariners.
- IV. Temporary and Preliminary Notices in force.
- V. Amendments to Admiralty List of Lights and Fog Signals (Vol K), 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.

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## GENERAL INSTRUCTIONS

The substance of these notices should be inserted on the charts affected.

Bearings are referred to the true compass and are reckoned clockwise from North; those relating to lights are given as seen by an observer from seaward. Positions quoted in 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.

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## 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](mailto: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](http://www.hydro.gov.au)), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email [rccaus@amsa.gov.au](mailto:rccaus@amsa.gov.au)).

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## AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Service (AHS) website ([www.hydro.gov.au](http://www.hydro.gov.au)) and through the eNotices (email) service ([www.hydro.gov.au/enotices/enotices.htm](http://www.hydro.gov.au/enotices/enotices.htm)).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHS website as providing a 'Paper Notices to Mariners' service ([www.hydro.gov.au/prodserv/distributors/distributors.htm](http://www.hydro.gov.au/prodserv/distributors/distributors.htm)). Copies of the notices may not be sold for profit without prior written agreement.

## NUMERICAL INDEX OF NOTICES TO MARINERS

### Edition No 14

Notices	Aus Chart, INT Chart, ENC Cell, AHP, BA Pubs
670	Aus 57, 58, 59, 60, 249, 251, 260, 367, 490, 605, 816, 818, 819, 820, 821, 822, 823, 824
671	Amendment to Australian National Tide Tables 2014
672	Aus 204
673	Aus 207, 809, AX 00809S
674	Aus 252, 253
675	Aus 230
676	Aus 257
677	Aus 28
678	Aus 49
679	Aus 319, 320, AX 00319U
680	Aus 74
681	Aus 84, 753
682	Aus 110, AX 00110S
683	Aus 54
684	Aus 50, 324
685	Aus 4070, 4071, INT 70, 71
686	Aus 136, 485, 778
687	Aus 143
688(T)	Aus 207, 208
689(T)	Aus 207, 208, 809, AX 00809S
690(T)	Aus 247, 490, 819, 820, AX 00367S
691(T)	Aus 249, 250, AX 00249S
692(T)	Aus 235, 236, 237, 238, 814, 815
693(T)	Aus 236
694(T)	Aus 270
695(T)	Aus 248, 260, 261, 367, 490, 820, 822, AX 00260T, 00260S, 00261L, 00367S, 00822S
696(T)	Aus 260, 367, 822, AX 00260S, 00260T, 00367S, 00822S
697(T)	Aus 26, 28, AX 00026T
698(T)	Aus 310, AX 00310U
699(T)	Aus 24, 26, 27, 29, 309, 314, 315, 316, 318, 319, 320, 722, 728, 4721, 4722, INT 721, 722, AX 00026T, 00309U, 00309T, 00314U, 00315U, 00319U, 00722T, 04721U, 04722U
700(T)	Aus 328, 4723, 4725, INT 723, 725, AX 04723U
701(T)	Aus 328, 4723, INT 723, AX 04723U
702(T)	Aus 327, 328, 4723, INT 723, AX 04723U
703(T)	Aus 328
704(T)	Aus 328
705(T)	Aus 57, 327, 741, 742, 4722, 4723, INT 722, 723, AX 04722U, 04723U
706(T)	Aus 327, 741, 4722, 4723, INT 722, 723, AX 04722U, 04723U
707(T)	Aus 327, 741
708(T)	Aus 4722, INT 722, AX 04722U
709(T)	Aus 328
710(T)	Aus 754, AX 00754S, AXA 0754S
711(T)	Aus 329, 4723, 4725, INT 723, 725, AX 04723U
712(T)	Aus 920
713(T)	Aus 4708, 4723, INT 708, 723, AX 04708U, 04723U
714(T)	Aus 143
715(T)	Aus 178, 799

# NUMERICAL INDEX OF CHARTS AFFECTED

## Edition No 14

Aus Chart	Notices
Aus 24	699(T)
Aus 26	697(T), 699(T)
Aus 27	699(T)
Aus 28	677, 697(T)
Aus 29	699(T)
Aus 49	678
Aus 50	684
Aus 54	683
Aus 57	670, 705(T)
Aus 58	670
Aus 59	670
Aus 60	670
Aus 74	680
Aus 84	681
Aus 110	682
Aus 136	686
Aus 143	687, 714(T)
Aus 178	715(T)
Aus 204	672
Aus 207	673, 688(T), 689(T)
Aus 208	688(T), 689(T)
Aus 230	675
Aus 235	692(T)
Aus 236	692(T), 693(T)
Aus 237	692(T)
Aus 238	692(T)
Aus 247	690(T)
Aus 248	695(T)
Aus 249	670, 691(T)
Aus 250	691(T)
Aus 251	670
Aus 252	674
Aus 253	674
Aus 257	676
Aus 260	670, 695(T), 696(T)
Aus 261	695(T)
Aus 270	694(T)
Aus 309	699(T)
Aus 310	698(T)
Aus 314	699(T)
Aus 315	699(T)
Aus 316	699(T)
Aus 318	699(T)
Aus 319	679, 699(T)
Aus 320	679, 699(T)
Aus 324	684
Aus 327	702(T), 705(T), 706(T), 707(T)
Aus 328	700(T), 701(T), 702(T), 703(T), 704(T), 709(T)
Aus 329	711(T)
Aus 367	670, 695(T), 696(T)
Aus 485	686
Aus 490	670, 690(T), 695(T)
Aus 605	670
Aus 722	699(T)

Aus Chart	Notices
Aus 728	699(T)
Aus 741	705(T), 706(T), 707(T)
Aus 742	705(T)
Aus 753	681
Aus 754	710(T)
Aus 778	686
Aus 799	715(T)
Aus 809	673, 689(T)
Aus 814	692(T)
Aus 815	692(T)
Aus 816	670
Aus 818	670
Aus 819	670, 690(T)
Aus 820	670, 690(T), 695(T)
Aus 821	670
Aus 822	670, 695(T), 696(T)
Aus 823	670
Aus 824	670
Aus 920	712(T)
Aus 4070	685
Aus 4071	685
Aus 4708	713(T)
Aus 4721	699(T)
Aus 4722	699(T), 705(T), 706(T), 708(T)
Aus 4723	700(T), 701(T), 702(T), 705(T), 706(T), 711(T), 713(T)
Aus 4725	700(T), 711(T)
AX 00026T	697(T), 699(T)
AX 00110S	682
AX 00249S	691(T)
AX 00260S	695(T), 696(T)
AX 00260T	695(T), 696(T)
AX 00261L	695(T)
AX 00309U	699(T)
AX 00309T	699(T)
AX 00310U	698(T)
AX 00314U	699(T)
AX 00315U	699(T)
AX 00319U	679, 699(T)
AX 00367S	690(T), 695(T), 696(T)
AX 00722T	699(T)
AX 00754S	710(T)
AX 00809S	673, 689(T)
AX 00822S	695(T), 696(T)
AX 04708U	713(T)
AX 04721U	699(T)
AX 04722U	699(T), 705(T), 706(T), 708(T)
AX 04723U	700(T), 701(T), 702(T), 705(T), 706(T), 711(T), 713(T)
AXA 0754S	710(T)

INT Chart	Notices
INT 70	685

INT Chart	Notices
INT 71	685
INT 708	713(T)
INT 721	699(T)
INT 722	699(T), 705(T), 706(T), 708(T)
INT 723	700(T), 701(T), 702(T), 705(T), 706(T), 711(T), 713(T)
INT 725	700(T), 711(T)

**670 AUSTRALIA - Product**

Australian Hydrographic Service (AA754585), UKHO (AA753532)

**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 249	18/7/2014	Australia - East Coast - Queensland - Approaches to Hay Point and Mackay 20° 58'·4 S – 21° 26'·3 S 149° 09'·3 E – 149° 56'·3 E <i>New edition with general updating throughout; including new two way route.</i>	1:75 000	Aus 5000 & Aus 5001	\$35.00
Aus 251	18/7/2014	Australia - East Coast - Queensland - Bailey Islet to Repulse Islands 20° 35'·20 S – 21° 03'·10 S 148° 48'·75 E – 149° 39'·50 E <i>New edition with general updating throughout; including new two way route.</i>	1:75 000	Aus 5000 & Aus 5001	\$35.00
Aus 260	18/7/2014	Australia - East Coast - Queensland - Broad Sound Channel and Shoalwater Bay 22° 00'·18 S – 22° 26'·73 S 150° 00'·78 E – 150° 49'·57 E <i>New edition with general updating throughout; including new two way route.</i>	1:75 000	Aus 5000 & Aus 5001	\$35.00
Aus 605	18/7/2014	Australia - Southern Ocean - Heard and McDonald Islands 52° 36'·08 S – 53° 29'·00 S 72° 06'·35 E – 74° 25'·00 E Plan: Atlas Cove 52° 57'·48 S – 53° 02'·60 S 73° 18'·00 E – 73° 26'·72 E <i>New edition with general updating throughout; including latest surveys.</i>	1:150 000  1:50 000	Aus 5001	\$35.00
Aus 821	18/7/2014	Australia - East Coast - Queensland - Hydrographers Passage 19° 33'·32 S – 21° 01'·92 S 149° 35'·07 E – 150° 34'·45 E <i>New edition with general updating throughout; including new two way route.</i>	1:150 000	Aus 5000 & Aus 5001	\$35.00
Aus 822	18/7/2014	Australia - East Coast - Queensland - Port Clinton to Percy Isles 21° 37'·00 S – 22° 32'·40 S 149° 25'·00 E – 150° 59'·00 E <i>New edition with general updating throughout; including new two way route.</i>	1:150 000	Aus 5000 & Aus 5001	\$35.00
Aus 823	18/7/2014	Australia - East Coast - Queensland - Percy Isles to Mackay 20° 56'·00 S – 21° 51'·60 S 149° 09'·00 E – 150° 43'·00 E <i>New edition with general updating throughout; including new two way route.</i>	1:150 000	Aus 5000 & Aus 5001	\$35.00
Aus 824	18/7/2014	Australia - East Coast - Queensland - Penrith Island to Whitsunday Island 20° 09'·40 S – 21° 05'·30 S 148° 37'·00 E – 150° 10'·90 E <i>New edition with general updating throughout; including new two way route.</i>	1:150 000	Aus 5000 & Aus 5001	\$35.00

**New Electronic Navigation Chart (AusENC)**

<i>Cell Name</i>	<i>Released</i>	<i>Title</i>
AU5127P7	July 2014	South Australia - South East Coast - Cape Jaffa Marina

**670 AUSTRALIA - Product****New edition to be published shortly**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 57	Australia - North West Coast - Western Australia - Dampier Archipelago	1:75 000	1 August 2014
Aus 58	Australia - North West Coast - Western Australia - Port of Dampier	1:37 500	1 August 2014
Aus 59	Australia - North West Coast - Western Australia - Port of Dampier (Northern Sheet)	1:10 000	1 August 2014
Aus 60	Australia - North West Coast - Western Australia - Port of Dampier (Southern Sheet)	1:10 000	1 August 2014
	Inset: Kaiser Marina	1:10 000	
Aus 367	Australia - East Coast - Queensland - Swain Reefs to Penrith Island	1:300 000	1 August 2014
Aus 490	Australia - East Coast - Queensland - Sandy Cape to Swain Reefs	1:500 000	1 August 2014
Aus 816	Australia - East Coast - Queensland - North Spit to Breaksea Spit	1:150 000	1 August 2014
Aus 818	Australia - East Coast - Queensland - Sandy Cape to Bustard Head	1:150 000	1 August 2014
Aus 819	Australia - East Coast - Queensland - Bustard Head to North Reef	1:150 000	1 August 2014
	Inset: Fitzroy River	1:150 000	
Aus 820	Australia - East Coast - Queensland - North Reef to Port Clinton	1:150 000	1 August 2014

**Chart permanently withdrawn**

<i>Chart</i>	<i>On publication of new edition</i>
Aus 249	Aus 249
Aus 251	Aus 251
Aus 260	Aus 260
Aus 605	Aus 605
Aus 821	Aus 821
Aus 822	Aus 822
Aus 823	Aus 823
Aus 824	Aus 824

**Admiralty publication**

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP39 & e-NP39	South Indian Ocean Pilot (Fourteenth Edition) 2014.	17/07/2014	The thirteenth edition 2011 is cancelled.

For further details refer to the AHS website at [www.hydro.gov.au](http://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.

**671 AUSTRALIA - Amendment to Australian National Tide Tables 2014**

Australian Hydrographic Service (AA753432)

Page xxx

*Amend* Abbot Point To chart Datum AUS 255 NE 04 Jul 2014 0.0  
Abbot Point To chart Datum AUS 826 NE 04 Jul 2014 0.0

Page xxxiv

*Amend* Melbourne To chart Datum AUS 155 NE 20 Jun 2014 0.0

Page xxxvii

*Amend* Townsville To chart Datum AUS 256 NE 04 Jul 2014 SUBTRACT 0.1

**672\* AUSTRALIA - NEW SOUTH WALES - Hawkesbury River - Prickly Point to Calabash Bay - Overhead cables**

S Ranft (AA750128)

**Aus 204 [672/2013]**

Delete	overhead cable with vertical clearance 18m, between	33° 30'.5 S	151° 10'.0 E
		33° 30'.9 S	151° 10'.5 E
	overhead cable with vertical clearance 18m, between	33° 31'.4 S	151° 09'.3 E
		33° 31'.7 S	151° 09'.8 E
	overhead cable with vertical clearance 17m, between	33° 35'.2 S	151° 07'.1 E
		33° 35'.3 S	151° 07'.2 E

**673\* AUSTRALIA - NEW SOUTH WALES - Stockton Bight - Depth**

Newcastle Port Corporation (DHDB 1337092)

**Aus 207 [789/2013]**

Substitute	depth, 15 <sub>2</sub> m, for depth, 15 <sub>5</sub> m	32° 53'.33 S	151° 49'.82 E
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**Aus 809 [557/2014]**

Substitute	depth, 15 <sub>2</sub> m, for depth, 15 <sub>5</sub> m	32° 53'.3 S	151° 49'.8 E
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**AX 00809S [557/2014]**

Substitute	depth, 15 <sub>2</sub> m, for depth, 15 <sub>5</sub> m	32° 53'.3 S	151° 49'.8 E
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**674\* AUSTRALIA - QUEENSLAND - Daydream Island - Lights; navline**

Maritime Safety Queensland (AA750067)

**Aus 252 [NE 4/7/2014]**

Insert	a dashed line in a direction 062·3° for a distance of 0.54M, thence a continuous line for 1.35M, with legend 242·3°, emanating from light	20° 15'.10 S	148° 48'.87 E
Move	light to	20° 15'.09 S	148° 48'.92 E
		20° 15'.10 S	148° 48'.87 E
Delete	dashed and continuous line with legend 240·5°, emanating from	20° 15'.1 S	148° 48'.9 E

**Aus 253 [38/2014]**

Insert	a dashed line in a direction 062·3° for a distance of 1000m, thence a continuous line for 2500m, with legend 242·3°, emanating from light	20° 15'.100 S	148° 48'.865 E
Move	light to	20° 15'.09 S	148° 48'.92 E
		20° 15'.100 S	148° 48'.865 E
Delete	dashed and continuous line with legend 240·5°, emanating from	20° 15'.09 S	148° 48'.92 E

**675\* AUSTRALIA - QUEENSLAND - Gold Coast - Nerang River - Naviads; vertical clearance**

Former Notice - 272(T)/2014 is cancelled

Maritime Safety Queensland Notices 372/2014, 409/2014 (AA752432, AA754971)

**Aus 230 [617/2014]**

Substitute	light beacon, Fl.G.2·5s, with starboard lateral topmark for light buoy	27° 58'.71 S	153° 25'.16 E
	light beacon, Fl.R.2·5s, with port lateral topmark for light buoy	27° 58'.73 S	153° 25'.21 E
Amend	vertical clearance to 4·3m	27° 58'.65 S	153° 25'.26 E



**676\* AUSTRALIA - QUEENSLAND - Townsville - Light beacon; lights**

Former Notice - 639(T)/2014 is cancelled

Maritime Safety Queensland Notice 387/2014 (AA753392, AA753457)

**Aus 257 [563/2014]**

Insert	light, <i>Fl(4)</i> Y.12s	19° 14'.500 S	146° 49'.735 E
	light, <i>Fl(4)</i> Y.12s	19° 14'.553 S	146° 49'.812 E
	light, <i>Fl(4)</i> Y.12s	19° 14'.615 S	146° 49'.900 E
Amend	light beacon to <i>Iso.G.5s No1</i>	19° 14'.43 S	146° 49'.64 E
	light to <i>Iso.R.5s No2</i>	19° 14'.46 S	146° 49'.68 E
Delete	light	19° 14'.51 S	146° 49'.76 E
	light	19° 14'.56 S	146° 49'.83 E
	light	19° 14'.60 S	146° 49'.88 E
	light	19° 14'.64 S	146° 49'.94 E

**677\* AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Depths**

INPEX Operations Australia Pty Ltd (DHDB 2684151)

**Aus 28 [524/2014]**

Insert	<a href="#">accompanying block</a>	12° 30'.3 S	130° 54'.5 E
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**678\* AUSTRALIA - WESTERN AUSTRALIA - Beagle Bay - Marine farm**

Department of Fisheries WA (DHDB 2683982)

**Aus 49 (plan, Beagle Bay) [885/2012]**

Insert	dashed line and marine farm symbol with legend, (see Note), between	16° 52'.97 S	122° 32'.63 E
		16° 51'.85 S	122° 32'.12 E
		16° 50'.22 S	122° 31'.33 E
		16° 50'.92 S	122° 30'.28 E
		16° 53'.41 S	122° 30'.23 E
		16° 54'.43 S	122° 30'.91 E
		16° 52'.97 S	122° 32'.63 E
Delete	marine farm, centred on	16° 53'.0 S	122° 32'.4 E

**679\* AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Light buoy**

McDermott Australia Pty Ltd (AA752220)

**Aus 319 [NE 25/1/2013]**

Insert	special spherical light buoy, <i>Fl(5)</i> Y.20s, without topmark	13° 54'.65 S	123° 14'.47 E
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**Aus 320 [638/2013]**

Insert	special spherical light buoy, <i>Fl(5)</i> Y.20s, without topmark	13° 54'.65 S	123° 14'.47 E
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**AX 00319U [939/2012]**

Insert	special spherical light buoy, <i>Fl(5)</i> Y.20s, without topmark	13° 54'.65 S	123° 14'.47 E
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**680\* AUSTRALIA - WESTERN AUSTRALIA - Cape Bellefin - Marine farm**

Department of Fisheries WA (DHDB 2683982)

**Aus 74 [1029/2012]**

Delete	marine farm, centred on	26° 01'.3 S	113° 16'.8 E
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**681\* AUSTRALIA - WESTERN AUSTRALIA - Essex Rocks - Marine farms eastwards**

Department of Fisheries WA (DHDB 2683982)

**Aus 84 (plan, Jurien Bay) [790/2012]**

Delete	marine farm, centred on	30° 21'.77 S	115° 02'.15 E
	marine farm, centred on	30° 21'.50 S	115° 01'.90 E

**Aus 753 [790/2012]**

Delete	marine farm symbol, centred on	30° 22'.0 S	115° 02'.1 E
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**682\* AUSTRALIA - WESTERN AUSTRALIA - Oyster Harbour - Marine farm**

Department of Fisheries WA (DHDB 2683982)

**Aus 110 [256/2014]**

Insert	dashed line and marine farm symbol with legend, ( <i>see Note</i> ), between	34° 59'.000 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.527 E
		34° 59'.000 S	117° 57'.527 E

**Aus 110 (inset, Oyster Harbour) [256/2014]**

Insert	dashed line and marine farm symbol with legend, ( <i>see Note</i> ), between	34° 58'.960 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.527 E
		34° 58'.960 S	117° 57'.527 E
		34° 58'.960 S	117° 57'.412 E

**AX 00110S [256/2014]**

Insert	dashed line and marine farm symbol with legend, ( <i>see Note</i> ), between	34° 59'.000 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.527 E
		34° 59'.000 S	117° 57'.527 E

**AX 00110S (inset, Oyster Harbour) [256/2014]**

Insert	dashed line and marine farm symbol with legend, ( <i>see Note</i> ), between	34° 58'.960 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.412 E
		34° 59'.173 S	117° 57'.527 E
		34° 58'.960 S	117° 57'.527 E
		34° 58'.960 S	117° 57'.412 E

**683\* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light beacons**

Port Hedland Port Authority (AA751588, AA752164)

**Aus 54 [490/2014]**

Insert	special light beacon, <i>Fl.5s</i>	20° 18'.742 S	118° 34'.389 E
	special light beacon, <i>Fl.5s</i>	20° 18'.771 S	118° 34'.372 E

**684\* AUSTRALIA - WESTERN AUSTRALIA - Roebuck Bay - Marine farm**

Department of Fisheries WA (DHDB 2683982)

**Aus 50 [525/2014]**

Insert	dashed line, between	18° 05'.50 S	122° 14'.08 E
		18° 05'.92 S	122° 14'.08 E
		18° 05'.92 S	122° 16'.58 E
		18° 05'.50 S	122° 16'.58 E

Delete	dashed line, between	18° 05'.5 S	122° 14'.1 E
		18° 05'.5 S	122° 16'.6 E

**Aus 324 [252/2014]**

Insert	dashed line, between	18° 05'.50 S	122° 14'.08 E
		18° 05'.92 S	122° 14'.08 E
		18° 05'.92 S	122° 16'.58 E
		18° 05'.50 S	122° 16'.58 E

Delete	dashed line, between	18° 05'.5 S	122° 14'.1 E
		18° 05'.5 S	122° 16'.6 E

**685 INDIAN OCEAN - Hydra Seamount to Adelaide Bank - Depths**

BA Notice 27/2791/2014 (AA751208)

**Aus 4070 (INT 70) [1089/2013]**

Insert	depth, 521m, enclosed by contour	11° 14'.0 S	52° 36'.0 E
	depth, 780m, enclosed by contour	6° 55'.0 S	58° 41'.0 E

**Aus 4071 (INT 71) [189/2013]**

Insert	depth, 521m, enclosed by contour	11° 14'.0 S	52° 36'.0 E
	depth, 780m, enclosed by contour	6° 55'.0 S	58° 41'.0 E

**686\* AUSTRALIA - SOUTH AUSTRALIA - Yarraville Shoals - Recommended track; depths**

Department of Planning, Transport and Infrastructure SA Notice 25/2014 (AA752260)

**Aus 136 [571/2014]**

Insert	<a href="#">accompanying note</a>	32° 55'.5 S	137° 43'.0 E
	<a href="#">accompanying block</a>	33° 11'.0 S	137° 37'.0 E

**Aus 485 [571/2014]**

Amend	legend to 040.3° - 220.3°	33° 11'.7 S	137° 35'.5 E
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**Aus 778 [627/2014]**

Insert	<a href="#">accompanying block</a>	33° 12'.0 S	137° 35'.0 E
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**Aus 778 (plan, Yarraville Shoals) [627/2014]**

Insert	<a href="#">accompanying block</a>	33° 15'.5 S	137° 33'.5 E
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**687\* AUSTRALIA - VICTORIA - Port Phillip - Anchorages; depths**

Victorian Notice 19/2014 (AA717682)

**Aus 143 [408/2014]**

Insert	<a href="#">accompanying block</a>	38° 00'.0 S	144° 50'.0 E
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**688(T)/2014 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information**  
 Newcastle Port Corporation (AA754328)

Available depths as at 11 July 2014:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Eastern Basin 1	11.4	
Eastern Basin 2 North of Ch 450	11.6	
Eastern Basin 2 South of Ch 450	11.5	
Western Basin 3	11.6	
Western Basin 4	11.6	
Channel Berth	9.7	
Dyke 1	12.8	
Dyke 2	12.8	
Dyke 4	16.2	
Dyke 5	16.0	
Dyke 6	5.3	
Mayfield 4 Ch 27 to 266	12.7	
BHP Wharf 6 to Ch 1050	7.6	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 243	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.5	
Kooragang 3 Ch -40 to 00	12.6	
Kooragang 3 Ch 00 to 220	13.2	
Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.3	
Kooragang 7	16.3	
Kooragang 8	16.2	
Kooragang 9	16.3	
Kooragang 10	15.9	
Throsby 1 Ch 850 to 1030	8.9	
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)	17.8	
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	15.2	
Steelworks Channel to Swinging Basin	15.1	
Swinging Basin	14.9	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
Hunter River South Arm (buoy 16 to buoy 20)	14.8	
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 new or revised entry.

**Chart temporarily affected - Aus 207 - Aus 208**

**689(T)/2014 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information revoked**

*Former Notice* - 630(T)/2014 is cancelled  
 Newcastle Port Corporation (AA754328)

Cancel this notice on receipt.

**Chart formerly affected - Aus 207 - Aus 208 - Aus 809 - AX 00809S**

**690(T)/2014 AUSTRALIA - QUEENSLAND - Great Keppel Island - Wreck**  
 Maritime Safety Queensland Notice 417(T)/2014 (AA755150)

An underwater wreck exists in position 23° 09'.58 S 151° 01'.94 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 247 - Aus 490 - Aus 819 - Aus 820 - AX 00367S**

**691(T)/2014 AUSTRALIA - QUEENSLAND - Hay Point - Depth information**

*Former Notice - 1014(T)/2013 is cancelled*

Maritime Safety Queensland Notices 784(T)/2013, 405(T)/2014 (AA699720, AA754975)

Available depths as at 14 July 2014:

	<i>Metres</i>	<i>Remarks</i>
Entrance Channel	14.7	Between No 4 beacon and the northern end.
	15.0	Seaward of beacon No 4.
HPS Berth No 1	16.4	
HPS Berth No 2	16.8	
* DBCT Berth No 1	17.8	
* DBCT Berth No 2	17.7	
* DBCT Berth No 3	17.5	
* DBCT Berth No 4	17.4	
Tug Harbour entrance channel	5.1	Lesser depths exist close to the outer edges of the channel and around tug berths and piers.
* Indicates revised entry.		

Lesser depth exist in an area south of Hay Point No 1 berth out to approximately 100m east northeast from the seaward edge of berth No 3 and leading southward to the southwest corner of the channel

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

**692(T)/2014 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information***Former Notice - 638(T)/2014 is cancelled*

Brisbane Port Corporation (AA753862)

Available depths and under keel clearances (UKC) at 9 July 2014:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No12	14.0	
* Fisherman Islands No11	13.9	
Fisherman Islands No10	14.0	
Fisherman Islands No9	14.0	
Fisherman Islands No8	14.1	
Fisherman Islands No7	14.0	
Fisherman Islands No6	13.8	
Fisherman Islands No5	13.6	
Fisherman Islands No4	14.0	
Fisherman Islands No3	13.9	
* Fisherman Islands No2	13.9	
Fisherman Islands No1	14.0	
Fisherman Islands Grain and Woodchip	13.0	
* Caltex Fisherman Islands	14.1	
Fisherman Islands Coal	13.5	
Fisherman Islands General Purpose	11.3	
Luggage Point Pump Out Facility	13.9	
* BP Luggage Point	14.4	
Caltex Products	10.1	
Cement Australia Co Wharf	9.7	
* BP Products	10.5	
* Shell	10.6	
Graincorp Liquid Terminal	10.4	
* Incitec North	9.8	
* Incitec South	9.3	
Pinkenba 1	10.4	
Pinkenba 2	10.4	
Riverside Marina	-	
Sugar Terminal	9.7	
Cairncross Fitting Out Wharf	7.1	
Cairncross Breasting Wharf	4.4	
Brisbane Naval Wharf	4.3	
Maritime No1	9.0	
Hamilton No4	10.3	
Hamilton No1	8.7	
Brisbane Cruise Ship Terminal	8.7	
	<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)
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	13.8	1.46
* Fisherman Islands Swing Basin	13.7	1.3
Fisherman Islands Swing Basin (11.5)	11.4	0.6
River	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.0	0.6 / 0.9 (draft/tide)
* Hamilton Swing Basin	8.6	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**

**693(T)/2014 AUSTRALIA - QUEENSLAND - Moreton Bay - East Knoll - Light buoy off station**

Maritime Safety Queensland Notice 401(T)/2014 (AA754174)

The port lateral light buoy, Q.R EK2 (27° 08'.5 S 153° 19'.8 E), is off station.

**Chart temporarily affected - Aus 236**

**694(T)/2014 AUSTRALIA - QUEENSLAND - Port Douglas - Obstruction**

Maritime Safety Queensland Notice 416(T)/2014 (AA755149)

An underwater obstruction, marked by a special light buoy Q.Y, exists in position 16° 28'.61 S 145° 27'.68 E.

**Chart temporarily affected - Aus 270**

**695(T)/2014 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed**

*Former Notice - 592(T)/2014 is cancelled*

Maritime Safety Queensland Notice 294(T)/2014 (AA748120)

Cancel this notice on receipt.

**Chart formerly affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 490 - Aus 820 - Aus 822 - AX 00260T - AX 00260S - AX 00261L - AX 00367S - AX 00822S**

**696(T)/2014 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Raynham Island - Live firing**

*Date - Until 1 January 2015*

Maritime Safety Queensland Notice 396(T)/2014 (AA753948)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 9 July to 31 December 2014.

Flares will be fired within a 5556m radius of Raynham Island (22° 16'.06 S 150° 32'.43 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 260 - Aus 367 - Aus 822 - AX 00260S - AX 00260T - AX 00367S - AX 00822S**

**697(T)/2014 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Bladin Point - Harbour works**

Darwin Port Corporation Notice 98(T)/2014 (AA754265)

Works associated with the construction of the product loading jetty are in progress in an area bounded by the following positions:

12° 30'.51 S 130° 54'.25 E

12° 30'.38 S 130° 55'.11 E

12° 30'.57 S 130° 55'.28 E

12° 30'.90 S 130° 54'.64 E

12° 30'.66 S 130° 55'.26 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 26 - Aus 28 - AX 00026T**

**698(T)/2014 AUSTRALIA - NORTHERN TERRITORY - Evans Shoal - Scientific instruments eastwards**

*Former Notice - 645(T)/2014 is cancelled*

Fugro Survey Pty Ltd (AA751305)

Subsurface scientific instruments exist as follows:

	<i>Position</i>	<i>Remarks</i>
CP1	9° 48'.84 S 130° 18'.24 E	subsurface
CP2	9° 51'.90 S 129° 38'.64 E	subsurface
CP3	10° 07'.56 S 130° 06'.78 E	subsurface
M1	9° 49'.14 S 130° 18'.72 E	special light buoy, <i>Fl(5)Y.20s</i>
W1	9° 49'.14 S 130° 17'.76 E	special light buoy, <i>Fl(5)Y.20s</i>
J1	9° 56'.34 S 129° 47'.70 E	subsurface
J2	9° 50'.10 S 130° 17'.46 E	subsurface
J3	10° 05'.64 S 130° 05'.76 E.	subsurface

**Chart temporarily affected - Aus 310 - AX 00310U**

**699(T)/2014 AUSTRALIA - NORTHERN TERRITORY - WESTERN AUSTRALIA - Darwin to Browse Island - Pipeline**

*Date - Until 31 July 2015*

Darwin Port Corporation Notice 87(T)/2014 (AA755032), Inpex Browse Limited (AA402900 - AA402902)

PLV *SEMAC1* and support vessels *MT Archon Tide*, *MT Marty Quest Tide* and *MT William R Croyle II* are conducting pipe laying operations until 30 September between the following positions:

12° 32'.15 S 130° 52'.52 E  
 12° 31'.99 S 130° 50'.66 E  
 12° 31'.83 S 130° 50'.19 E  
 12° 31'.51 S 130° 49'.86 E  
 12° 28'.02 S 130° 48'.14 E  
 12° 23'.86 S 130° 44'.83 E  
 12° 20'.82 S 130° 40'.97 E  
 12° 18'.44 S 130° 35'.66 E  
 12° 17'.69 S 130° 32'.97 E  
 12° 17'.26 S 130° 26'.54 E  
 12° 18'.46 S 130° 12'.03 E  
 12° 29'.98 S 129° 29'.92 E.

SEAMAC1 will deploy 12 anchors, marked by special light buoys Q, up to 1800m in length.

PLV *Castorone* will continue operations from September between the following positions:

12° 29'.98 S 129° 29'.92 E  
 12° 31'.48 S 128° 06'.11 E  
 12° 47'.94 S 126° 23'.94 E  
 12° 45'.62 S 126° 11'.99 E  
 12° 48'.74 S 126° 00'.04 E  
 13° 35'.07 S 124° 22'.68 E  
 13° 45'.24 S 123° 54'.68 E  
 13° 58'.98 S 123° 41'.67 E  
 13° 59'.54 S 123° 40'.49 E  
 13° 59'.33 S 123° 38'.49 E  
 13° 53'.21 S 123° 21'.21 E  
 13° 53'.55 S 123° 19'.25 E  
 13° 55'.96 S 123° 17'.89 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 24 - Aus 26 - Aus 27 - Aus 29 - Aus 309 - Aus 314 - Aus 315 - Aus 316 - Aus 318 - Aus 319 - Aus 320 - Aus 722 - Aus 728 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00026T - AX 00309U - AX 00309T - AX 00314U - AX 00315U - AX 00319U - AX 00722T - AX 04721U - AX 04722U**

**700(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards**

*Date - Until 26 August 2014*

MODU *Ocean America* (AA753423, AA753675), Australian Maritime Safety Authority Auscoast Warning 166/2014 (AA753866)

Drill rig *Ocean America* is conducting drilling operations in position 20° 31'.20 S 114° 49'.42 E.

**Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U**



**701(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards moved**

*Former Notice* - 505(T)/2014 is cancelled  
 MODU *Ocean America* (AA753423)

Cancel this notice on receipt.

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

**702(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Gas field infrastructure northwards**

*Former Notice* - 77(T)/2014 is cancelled  
 DOF Management Australia Pty Ltd (AA754343)

*Note:* NTM 650/2014 refers.

Cancel this notice on receipt.

**Chart formerly affected - Aus 327 - Aus 328 - Aus 4723 (INT 723) - AX 04723U**

**703(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Mooring buoys northwestwards**

*Former Notice* - 649(T)/2014 is cancelled  
*Date* - Until 25 August 2014  
 Viking Seatech (AA755086)

4 yellow mooring buoys, *Fl.3s*, exist within 1NM radius of position 20° 32'.8 S 114° 51'.6 E.

**Chart temporarily affected - Aus 328**

**704(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Mooring buoys northwestwards**

*Date* - Until 25 August 2014  
 Viking Seatech (AA755086)

4 yellow mooring buoys, *Fl.3s*, exist within 1NM radius of position 20° 27'.62 S 114° 50'.52 E.

**Chart temporarily affected - Aus 328**

**705(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northwestwards completed**

*Former Notice* - 459(T)/2014 is cancelled  
 Apache Energy Ltd (AA753481)

Cancel this notice on receipt.

**Chart formerly affected - Aus 57 - Aus 327 - Aus 741 - Aus 742 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 04722U - AX 04723U**

**706(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Drill rig northwestwards**

*Date* - Until 5 September 2014  
 MODU *Nan Hai 6* (AA753502, AA753504), Australian Maritime Safety Authority Auscoast Warning 165/2014 (AA753506)

Drill rig *Nan Hai 6* is conducting drilling operations in position 19° 15'.5 S 116° 38'.3 E.

**Chart temporarily affected - Aus 327 - Aus 741 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - AX 04722U - AX 04723U**

**707(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Survey operations northwestwards***Date* - Until 5 August 2014

Woodside Energy Ltd (AA754257)

MV *Mermaid Investigator* is conducting a geophysical survey in an area bounded by the following positions:

19° 24'.75 S 116° 29'.43 E

19° 28'.83 S 116° 36'.53 E

19° 30'.09 S 116° 35'.30 E

19° 26'.46 S 116° 28'.42 E.

**Chart temporarily affected - Aus 327 - Aus 741****708(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Mermaid Reef - Drill rig northwards***Date* - Until 20 October 2014MODU *Deepwater Millennium* (AA755301), Australian Maritime Safety Authority Auscoast Warning 172/2014 (AA755302)MODU *Deepwater Millennium* is conducting drilling operations in position 16° 20'.8 S 119° 43'.7 E.**Chart temporarily affected - Aus 4722 (INT 722) - AX 04722U****709(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Mooring buoys northwestwards***Date* - Until 11 August 2014

Viking Seatech (AA755086)

8 yellow mooring buoys, *Fl.3s*, exist within 1NM radius of position 19° 58'.23 S 115° 12'.77 E.**Chart temporarily affected - Aus 328****710(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - Mullaloo - Light buoy***Former Notice* - 189(T)/2014 is cancelled*Date* - Until 31 December 2014

Department of Transport WA Notice 192/2013 (AA720974, AA754152))

An orange spherical light buoy, *Fl(5)Y.20s*, exists in position 31° 47'.13 S 115° 43'.84 E.**Chart temporarily affected - Aus 754 - AX 00754S - AXA 0754S****711(T)/2014 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards moved***Former Notice* - 430(T)/2014 is cancelledMODU *Deepwater Millennium* (AA755301)

Cancel this notice on receipt.

**Chart formerly affected - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U****712(T)/2014 INDIAN OCEAN - Christmas Island - Flying Fish Cove - Harbour works***Date* - Until 30 June 2015

Patrick Ports (AA755154)

Harbour works associated with the extension of the wharf are in progress between positions 10° 25'.75 S 105° 40'.17 E and 10° 25'.73 S 105° 40'.15 E

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 920**

**713(T)/2014 INDIAN OCEAN - Horizon Ridge - Light buoy off station**

*Former Notice* - 656(T)/2014 is cancelled

Australian Bureau of Meteorology (AA755097)

The light buoy (13° 59'.0 S 110° 00'.0 E) is drifting and currently in position 13° 11'.34 S 106° 12'.51 E (15 July 2014).

**Chart temporarily affected - Aus 4708 (INT 708) - Aus 4723 (INT 723) - AX 04708U - AX 04723U**

**714(T)/2014 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Shoaling**

*Former Notice* - 935(T)/2013 is cancelled

Victorian Notice 127(T)/2014 (AA754126)

Shoaling, with least depth *0.5m*, exists within the entrance to Patterson River (38° 04'.41 S 145° 07'.17 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143**

**715(T)/2014 AUSTRALIA - TASMANIA - Wynyard - Light beacon destroyed**

Marine and Safety Tasmania Notice M82/2014 (AA753427)

The starboard lateral light beacon, *Fl(2)G.5s* (40° 59'.11 S 145° 44'.51 E), has been destroyed.

**Chart temporarily affected - Aus 178 - Aus 799**

## HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Bet Reef	ENC error		W Conlin

**NAVIGATION WARNINGS**

*The following radio messages have been received during the period to 17 July 2014. 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**

161 Cancelled.  
 162 FPSO *Armada Claire* in position 20° 03'.52 S 115° 11'.52 E. 2.5M clearance requested.  
 163 Cancelled.  
 164 Eight mooring buoys established in the vicinity of 20° 27'.6 S 114° 50'.5 E. 1M clearance requested.  
 165 Drill rig *Nan Hai 6* in position 19° 15'.50 S 116° 38'.30 E. 2.5M clearance requested.  
 166 Drill rig *Ocean America* in position 20° 31'.20 S 114° 49'.41 E. 2.5M clearance requested.  
 167 Cancelled.  
 168 Multiple mooring buoys deployed 20° 32'.8 S 114° 51'.6 E. 1M clearance requested.  
 169 Cancelled.  
 170 Cancelled.  
 171 Cancelled.  
 172 Drill rig *Deepwater Millennium* in position 16° 20'.8 S 119° 43'.7 E. 2.5M clearance requested.

**NAVAREA X WARNINGS**

041 Cancelled.  
 042 Cancelled.  
 043 Cancelled.

**Navigational warnings in force as at 170001UTC JUL 14.****Auscoast**

**2014** 043 102 132 133 134 136 137 138 140 151 152 154 155 156 160 162 164 165 166 168 172

**Navarea X**

**2014** 028 033

**Summary of mobile drilling rigs as at 170001UTC JUL 14.**

<i>Name</i>	<i>Position</i>
Stena Clyde	11° 59'.60 S 124° 40'.30 E
Noble Clyde Boudreaux	13° 49'.00 S 123° 19'.35 E
Jack Bates	13° 41'.54 S 122° 48'.21 E
Transocean Legend	13° 40'.91 S 122° 23'.94 E
Deepwater Millennium	16° 20'.80 S 119° 43'.70 E
Atwood Eagle	18° 43'.22 S 118° 42'.23 E
Atwood Osprey	19° 48'.67 S 115° 17'.73 E
Nan Hai 6	19° 15'.50 S 116° 38'.30 E
Ocean America	20° 31'.20 S 114° 49'.41 E
Deepwater Frontier	19° 47'.56 S 114° 38'.96 E
Deepwater Millennium	21° 25'.82 S 113° 25'.60 E

**NAVAREA XIV WARNINGS**

Nil.

**Navarea XIV warnings in force as at 170001UTC JUL 14.**

**2014** Nil.