



13 December 2013

Edition 25

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

AUSTRALIAN NOTICES TO MARINERS

Notices 1239 - 1297



*The Hydrographer and Staff of the Australian Hydrographic Service
wish all users of Australian Navigational Products a Merry Christmas,
a Happy New Year and safe, successful voyages in 2014.*



Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN
Hydrographer of Australia

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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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1239 AUSTRALIA - Product
 Australian Hydrographic Service (AA711891)

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 647	13/12/2013	Papua New Guinea – South Coast – Approaches to Caution Bay 9° 10'·2 S – 9° 27'·9 S 146° 36'·2 E – 147° 04'·4 E <i>New chart providing improved coverage of Caution Bay including latest surveys, nav aids and PNG LNG terminal.</i>	1:50 000	Aus 5000	\$35.00
Aus 648	13/12/2013	Papua New Guinea – South Coast – Caution Bay 9° 17'·90 S – 9° 21'·44 S 146° 57'·80 E – 147° 00'·43 E <i>New chart providing details of PNG LNG terminal and the approach channel.</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.

1240 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2013 and 2014
 Australian Hydrographic Service (AA710991)

Page xxxiv <i>Amend</i>	Lakes Entrance To Chart Datum AUS 182 NE 29 NOV 2013 SUBTRACT 0.1
Page xxxv <i>Amend</i>	Port Hedland To Chart Datum AUS 54 NE 29 NOV 2013 0.0
Page xxxvi <i>Insert</i>	Port Welshpool To Chart Datum AUS 181 NC 29 NOV 2013 0.0
Page xxxvi <i>Amend</i>	Port Welshpool To Chart Datum AUS 182 NE 29 NOV 2013 SUBTRACT 0.2
Page 384 <i>Amend</i>	Rabbit Island (Port No 66010) To Chart Datum to 0.0

1241 AUSTRALIA - Product - Amendment to Australian Notice to Mariners No 2
 Australian Hydrographic Service (AA711793)

Page 15 <i>Amend</i>	Seasafe Marine Supply Co Ltd details to read correcting chart agent.
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1242 AUSTRALIA - Product - Amendment to Seafarers Handbook for Australian Waters AHP20

W Conlin (AA707213), Department of Infrastructure and Regional Development (AA705456), Department of the Environment (AA705457)

All references to the Department of Sustainability, Environment, Water, Population and Communities (DSEWPac) change to the Department of the Environment.

All references to the Department of Infrastructure and Transport change to the Department of Infrastructure and Regional Development.

Chapter 2 - Department of Infrastructure and Transport, page 20 (2.4.10)

Substitute accompanying block

Chapter 6 - page 61 (15.4.1), page 66 (6.1) (6.1.1) (6.1.2) and page 68 (6.1.3) website links

Substitute accompanying block

Chapter 6 - page 75 (6.3.2) zones depicted on an ENC table

Delete Great Barrier Reef Marine Park High

Chapter 8 - Australian Reef Pilots (8.13.1) page 119 and 120

Delete paragraph 4 to paragraph 8

Delete Jomard Pilot Station contact details

1243 AUSTRALIA - Navigational warning service survey

Australian Maritime Safety Authority (AA666610)

The International Hydrographic Organization's World-Wide Navigational Warning Service (WWNWS) is conducting a survey concerning the quality of maritime safety information broadcast via SafetyNET and NAVTEX to identify measures to improve service. It provides an opportunity to comment on the quality of the content and reception of Navigational Warnings provided by each NAVAREA Coordinator. Please visit http://www.surveymonkey.com/s/IHO_survey to complete the short survey. The World Meteorological Organization offers a similar survey regarding the World-Wide Meteorological Information and Warning Service available at: www.jcomm.info/mmms. Your participation is greatly appreciated and valued.

1244* AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Darling Road - Beacon; light

HMAS Anzac (AA53321, AA53339)

Aus 193 [625/2013]

Move	beacon	35° 07'.94 S	150° 44'.89 E
	to	35° 07'.971 S	150° 44'.902 E
	light with sectors	35° 08'.04 S	150° 43'.00 E
	to	35° 08'.010 S	150° 43'.011 E

AX 00193P [NE 1/11/2013]

Move	beacon	35° 07'.94 S	150° 44'.89 E
	to	35° 07'.971 S	150° 44'.902 E
	light with sectors	35° 08'.04 S	150° 43'.00 E
	to	35° 08'.010 S	150° 43'.011 E

AX 00193T [625/2013]

Move	beacon	35° 07'.94 S	150° 44'.89 E
	to	35° 07'.971 S	150° 44'.902 E
	light with sectors	35° 08'.04 S	150° 43'.00 E
	to	35° 08'.010 S	150° 43'.011 E

AX 67192 [1217/2008]

Move	beacon	35° 07'.94 S	150° 44'.89 E
	to	35° 07'.971 S	150° 44'.902 E
	light with sectors	35° 08'.04 S	150° 43'.00 E
	to	35° 08'.010 S	150° 43'.011 E

AXA 0193T [625/2013]

Move	beacon	35° 07'.94 S	150° 44'.89 E
	to	35° 07'.971 S	150° 44'.902 E
	light with sectors	35° 08'.04 S	150° 43'.00 E
	to	35° 08'.010 S	150° 43'.011 E

1245* AUSTRALIA - NEW SOUTH WALES - North Solitary Island - Light
 Australian Maritime Safety Authority (AA253307)

Aus 221 [730/2011]

Insert	light, <i>Fl(2)10s 58m 10M</i>	29° 55'.499 S	153° 23'.396 E
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Delete	light	29° 55'.47 S	153° 23'.38 E
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Aus 812 [945/2013]

Amend	light range to <i>10M</i>	29° 55'.5 S	153° 23'.4 E
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1246 PACIFIC OCEAN - Lau Basin - Depths
 BA Notice 49/5183/2013 (AA709279)

Aus 4060 (INT 60) [995/2013]

Insert	depth, <i>148m</i> , enclosed by danger circle	21° 23'.2 S	178° 47'.7 W
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Delete	depth, 179m, and enclosing danger circle	21° 40'.0 S	178° 50'.0 W
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1247* AUSTRALIA - QUEENSLAND - Gladstone - Dredged channels; nav aids; infrastructure
Former Notice - 973(P)/2013 is cancelled
 Maritime Safety Queensland Notice 928/2013 (AA710478)

Note: Aus 244 will be updated by a new edition due to be published 2Q 2014.

Aus 245 [1042/2013]

Insert	accompanying block	23° 49'.0 S	151° 15'.0 E
	continuous line, between	23° 49'.265 S	151° 12'.626 E
		23° 48'.819 S	151° 12'.796 E

1248* AUSTRALIA - QUEENSLAND - Hockings Patches to Endeavour Strait - Depths
 UKHO (AA705499), HMAS *Mermaid* and HMAS *Paluma* (DHDB 2540479), LADS Flight (DHDB 1614849)

Aus 292 [747/2013]

Substitute	rock awash enclosed by danger circle for 0 ₄ m and enclosing contour	10° 46'.3 S	142° 14'.4 E
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Aus 301 [33/2013]

Insert	depth, 9 ₇ m, enclosed by contour	10° 52'.92 S	142° 13'.33 E
	depth, 9 ₆ m, enclosed by contour	10° 53'.26 S	142° 09'.67 E
	depth, 14 ₈ m, enclosed by contour	10° 50'.54 S	141° 36'.08 E
	depth, 11 ₂ m	10° 41'.05 S	141° 34'.98 E

Substitute	rock awash enclosed by danger circle for 0 ₄ m and enclosing contour	10° 46'.3 S	142° 14'.4 E
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Delete	depth, 9 ₃ m, and enclosing contour	10° 35'.4 S	141° 36'.9 E
	depth, 9 ₉ m, and enclosing contour	10° 41'.3 S	141° 34'.9 E
	depth, 9 ₈ m, and enclosing contour	10° 40'.4 S	141° 36'.5 E
	depth, 9 ₇ m, and enclosing contour	10° 42'.2 S	141° 37'.0 E

Aus 376 [685/2013]

Insert	depth, 9 ₇ m, enclosed by contour	10° 52'.92 S	142° 13'.33 E
	depth, 9 ₆ m, enclosed by contour	10° 53'.26 S	142° 09'.67 E
	depth, 11 ₂ m	10° 41'.05 S	141° 34'.98 E

Substitute	rock awash enclosed by danger circle for 0 ₄ m and enclosing contour	10° 46'.3 S	142° 14'.4 E
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Delete	depth, 9 ₃ m, and enclosing contour	10° 35'.4 S	141° 36'.9 E
	depth, 9 ₉ m, and enclosing contour	10° 41'.3 S	141° 34'.9 E
	depth, 9 ₈ m, and enclosing contour	10° 40'.4 S	141° 36'.5 E
	depth, 9 ₇ m, and enclosing contour	10° 42'.2 S	141° 37'.0 E

Aus 700 [NE 1/11/2013]

Insert	depth, 15 ₈ m	10° 43'.74 S	141° 27'.27 E
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Delete	depth, 19 ₂ m, and enclosing contour	10° 42'.4 S	141° 08'.2 E
	depth, 14 ₅ m, and enclosing contour	10° 43'.2 S	141° 27'.2 E
	depth, 14 ₁ m, and enclosing contour	10° 43'.8 S	141° 27'.2 E
	depth, 14 ₇ m, and enclosing contour	10° 44'.3 S	141° 27'.3 E

Aus 839 [1081/2013]

Substitute	depth, 8m, enclosed by contour for depth, 10 ₉ m	10° 41'.7 S	142° 18'.3 E
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1249* AUSTRALIA - QUEENSLAND - White Tip Reef - Beacon
 HMAS *Leeuwin* (AA711518)

Aus 821 [1134/2013]

Delete	beacon	19° 54'.4 S	150° 15'.6 E
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1250* AUSTRALIA - CORAL SEA - Bougainville Reef - Beacon
 HMAS *Bundaberg* (AA710780)

Aus 616 (plan, Bougainville Reef) [292/2011]

Delete	beacon	15° 29'.0 S	147° 06'.4 E
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1251* AUSTRALIA - CORAL SEA - Cato Reef - Wreck
 HMAS *Bundaberg* (AA710780)

Aus 611 (plan, Cato Reef) [781/2010]

Insert	stranded wreck	23° 15'.35 S	155° 32'.34 E
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1252* PAPUA NEW GUINEA - Alotau - Coastline; infrastructure; depths; light beaconsNational Maritime Safety Authority PNG (AA695392, AA695413), HMAS *Paluma* (AA700930 - AA700932, AA702166 - AA702169)**Aus 624 (plan, Alotau) [130/2013]**

Insert accompanying block 10° 18'.6 S 150° 27'.1 E

1253* PAPUA NEW GUINEA - Louisiade Archipelago - Panabwal Group - Kesal Island - Depth

LADS Flight (AA711071)

Aus 509 [578/2013]Insert depth, 3₄m, enclosed by contour 10° 47'.47 S 151° 50'.72 E**1254* PAPUA NEW GUINEA - Panarairai Island - Depths**

LADS Flight (AA711234)

Aus 510 [547/2011]Insert depth, 1₄m 11° 13'.78 S 152° 10'.28 EDelete contour value, 5 11° 13'.7 S 152° 10'.3 E
rock and semi enclosing danger circle 11° 14'.0 S 152° 10'.4 E**1255* AUSTRALIA - NORTHERN TERRITORY - Bathurst Island - Depth**HMAS *Leeuwin* (DHDB 2546115)**Aus 309 [1204/2013]**

Insert depth, 50m, enclosed by contour 11° 49'.78 S 129° 54'.78 E

Aus 722 [1140/2013]

Insert depth, 50m, enclosed by contour 11° 49'.78 S 129° 54'.78 E

AX 00309T [1204/2013]

Insert depth, 50m, enclosed by contour 11° 49'.78 S 129° 54'.78 E

AX 00309U [1204/2013]

Insert depth, 50m, enclosed by contour 11° 49'.78 S 129° 54'.78 E

AX 00722T [1140/2013]

Insert depth, 50m, enclosed by contour 11° 49'.78 S 129° 54'.78 E

1256* AUSTRALIA - NORTHERN TERRITORY - Bing Bong - Lit mooring buoys northeastwards

Department of Transport NT (AA704498)

Aus 305 [892/2013]Insert lit yellow cylindrical mooring buoy, *Fl. Y. 2s* 15° 32'.20 S 136° 25'.30 E**Aus 710 [892/2013]**Insert lit yellow cylindrical mooring buoy, *Fl. Y. 2s* 15° 32'.20 S 136° 25'.30 E
lit yellow cylindrical mooring buoy, *Fl. Y. 2s* 15° 32'.55 S 136° 25'.17 E
lit yellow cylindrical mooring buoy, *Fl. Y. 2s* 15° 33'.07 S 136° 24'.96 E

Delete depth, 6m 15° 32'.1 S 136° 25'.3 E

1257* AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Pipeline; light buoy
 Darwin Port Corporation Notice 223/2013 (AA711635)

Aus 26 [1205/2013]

Insert	outfall pipeline, between	12° 31'.58 S	130° 55'.80 E
		12° 31'.49 S	130° 56'.04 E

Aus 28 [1205/2013]

Insert	outfall pipeline, between	12° 31'.581 S	130° 55'.800 E
		12° 31'.494 S	130° 56'.042 E
	depth, 6 ₄ m, enclosed by danger circle with legend, <i>Obstn</i>	12° 31'.494 S	130° 56'.042 E
	out of position special pillar light buoy, <i>Fl. Y. 2s</i> , with topmark	12° 31'.484 S	130° 56'.056 E
Delete	depth, 7 ₅ m	12° 31'.50 S	130° 56'.06 E

Aus 722 [1255/2013]

Insert	outfall pipeline, between	12° 31'.58 S	130° 55'.80 E
		12° 31'.49 S	130° 56'.04 E

AX 00026T [1205/2013]

Insert	outfall pipeline, between	12° 31'.58 S	130° 55'.80 E
		12° 31'.49 S	130° 56'.04 E

AX 00722T [1255/2013]

Insert	outfall pipeline, between	12° 31'.58 S	130° 55'.80 E
		12° 31'.49 S	130° 56'.04 E

1258* AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Depths northwestwards

UTEC Survey Australia Pty Ltd (DHDB 2509118)

Aus 68 [582/2013]

Insert	depth, 9 ₉ m, enclosed by contour	20° 44'.26 S	116° 08'.87 E
	depth, 9 ₁ m	20° 44'.56 S	116° 08'.91 E
	depth, 8 ₈ m	20° 44'.70 S	116° 08'.76 E
Delete	depth, 7 ₃ m, and enclosing contour	20° 44'.2 S	116° 08'.9 E
	depth, 9 ₁ m	20° 44'.6 S	116° 08'.9 E

Aus 327 [1088/2013]

Insert	depth, 8 ₈ m, and extend contour W to enclose	20° 44'.70 S	116° 08'.76 E
Delete	depth, 7 ₁ m	20° 44'.2 S	116° 08'.9 E

Aus 742 [752/2013]

Insert	depth, 8 ₈ m, and extend contour S to enclose	20° 44'.70 S	116° 08'.76 E
Substitute	depth, 9 ₉ m, for depth, 7 ₃ m	20° 44'.2 S	116° 08'.9 E

1259* AUSTRALIA - SOUTH AUSTRALIA - Kangaroo Island - Rolls Point - Light discontinued

Department of Planning, Transport and Infrastructure SA Notice 34/2013 (AA709988, AA710932)

Aus 129 [389/2013]

Delete	light with sectors	35° 39'.6 S	137° 38'.1 E
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Aus 129 (plan, Kingscote) [389/2013]

Delete	light with sectors	35° 39'.60 S	137° 38'.11 E
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Aus 485 [1148/2013]

Delete	light	35° 39'.6 S	137° 38'.1 E
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Aus 780 [694/2013]

Delete	light with sectors	35° 39'.6 S	137° 38'.1 E
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1260* AUSTRALIA - VICTORIA - Corner Inlet to McLoughlins Entrance - Chart limits

Australian Hydrographic Service (AA708361)

Aus 357 [507/2013]

Insert	magenta limits, with legend <i>Aus 181</i> in SE corner, between	38° 36'.84 S	146° 20'.00 E
		38° 54'.50 S	146° 20'.00 E
		38° 54'.50 S	146° 49'.17 E
		38° 41'.50 S	146° 49'.17 E
		38° 41'.50 S	146° 52'.90 E
		38° 39'.00 S	146° 52'.90 E
		38° 39'.00 S	146° 57'.00 E
		38° 35'.50 S	146° 57'.00 E
		38° 35'.50 S	146° 52'.00 E
		38° 36'.15 S	146° 52'.00 E
		38° 36'.15 S	146° 48'.50 E
		38° 36'.84 S	146° 48'.50 E
		38° 36'.84 S	146° 20'.00 E

Delete	magenta limits, with legend <i>Aus 181</i> , centred on	38° 48'.0 S	146° 33'.0 E
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Aus 487 [1092/2013]

Insert	magenta limits, with legend <i>Aus 181</i> in SE corner, between	38° 54'.50 S	146° 10'.50 E
		38° 54'.50 S	146° 49'.17 E
		38° 41'.50 S	146° 49'.17 E
		38° 41'.50 S	146° 52'.90 E
		38° 39'.00 S	146° 52'.90 E
		38° 39'.00 S	146° 57'.00 E
		38° 35'.50 S	146° 57'.00 E
		38° 35'.50 S	146° 52'.00 E
		38° 36'.15 S	146° 52'.00 E
		38° 36'.15 S	146° 48'.50 E
		38° 36'.84 S	146° 48'.50 E
		38° 36'.84 S	146° 10'.50 E
		38° 54'.50 S	146° 10'.50 E

Delete	magenta limits, with legend <i>Aus 181</i> , centred on	38° 48'.0 S	146° 33'.0 E
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1261* AUSTRALIA - VICTORIA - Port Phillip - Mordialloc to Half Moon Bay - Nav aids

Victorian Notices 95/2013 (AA709973, AA710734, AA710050), Parks Victoria (AA710952)

Aus 143 [1211/2013]

Insert	special conical light buoy, <i>Fl. Y. 5s</i> , with topmark	38° 01'.80 S	145° 02'.40 E
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Aus 155 [1210/2013]

Insert	special beacon, with topmark	37° 57'.896 S	145° 00'.497 E
	special beacon, with topmark	37° 58'.228 S	145° 00'.464 E
	special beacon, with topmark	37° 58'.375 S	145° 00'.567 E
	special beacon, with topmark	37° 58'.501 S	145° 00'.702 E
	special beacon, with topmark	37° 58'.564 S	145° 00'.739 E
	west cardinal light beacon, <i>VQ(9)10s</i> , with topmark	37° 58'.114 S	145° 00'.446 E
	special conical light buoy, <i>Fl. Y. 5s</i> , with topmark	38° 01'.799 S	145° 02'.396 E

Move	light beacon	37° 58'.05 S	145° 00'.46 E
	to	37° 58'.040 S	145° 00'.478 E

Delete	buoy	37° 57'.63 S	145° 00'.39 E
	buoy	37° 58'.26 S	145° 00'.54 E
	buoy	37° 58'.63 S	145° 00'.83 E
	beacon	37° 57'.96 S	145° 00'.59 E
	beacon	37° 58'.06 S	145° 00'.60 E
	beacon	37° 58'.48 S	145° 00'.76 E

1262* AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Infrastructure; light
 Victorian Notice 135(T)/2012 (AA630011), Port of Melbourne Corporation (AA708857)

Aus 154 [1091/2013]

Insert	continuous line, between	37° 51'.587 S 37° 51'.590 S	144° 54'.605 E 144° 54'.613 E
Move	light to	37° 51'.58 S 37° 51'.591 S	144° 54'.62 E 144° 54'.607 E
Delete	continuous line, between	37° 51'.587 S 37° 51'.573 S 37° 51'.577 S 37° 51'.590 S	144° 54'.605 E 144° 54'.613 E 144° 54'.620 E 144° 54'.613 E

1263* AUSTRALIA - BASS STRAIT - North East Isle - Light
 Australian Maritime Safety Authority (AA108500)

Aus 148 (plan, Kent Group) [734/2012]

Insert	light, <i>Fl(4)20s 107m 16M</i>	39° 26'.625 S	147° 22'.685 E
Delete	light	39° 26'.60 S	147° 22'.67 E

Aus 487 [1260/2013]

Amend	light range to 16M	39° 26'.6 S	147° 22'.7 E
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Aus 4644 (INT 644) [1092/2013]

Amend	light range to 16M	39° 26'.6 S	147° 22'.7 E
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1264* AUSTRALIA - TASMANIA - Macquarie Harbour - Light buoys
 Marine and Safety Tasmania Notice M125/2013 (AA710287)

Aus 177 [858/2013]

Insert	out of position west cardinal pillar light buoy, Q(9)15s, with topmark east cardinal pillar light buoy, Q(3)10s, with topmark	42° 21'.08 S 42° 20'.30 S	145° 24'.34 E 145° 25'.03 E
Delete	light buoy out of position light buoy	42° 21'.4 S 42° 20'.5 S	145° 24'.3 E 145° 25'.6 E

1265(T)/2013 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 1151(T)/2013 is cancelled
Newcastle Port Corporation (AA710740)

Available depths as at 28 November 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Eastern Basin 1	11.5	
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	12.7	
Dyke 4	16.5	
Dyke 5	16.4	
Dyke 6	5.0	
Mayfield 4 Ch 27 to 266	11.4	
BHP Wharf 6 to Ch 1050	7.1	
Kooragang 2	11.6	
Kooragang 2 North Dolphin Ch 182 to 243	11.6	
Kooragang 2 South Dolphin Ch -92 to 00	11.3	
Kooragang 3 Ch -40 to 00	11.8	
Kooragang 3 Ch 00 to 220	13.1	
Kooragang 4	16.5	
Kooragang 5	16.5	
Kooragang 6	16.5	
* Kooragang 7	16.5	
Kooragang 8	16.3	
Kooragang 9	16.3	
* Kooragang 10	16.2	
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	15.0	
Hunter River South Arm (Kooragang 6 to buoy 16)	15.0	
Hunter River South Arm (buoy 16 to buoy 20)	15.0	
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**1266(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Drilling operations completed**

Former Notice - 1054(T)/2013 is cancelled
Maritime Safety Queensland (AA712706)

Cancel this notice on receipt.

Chart formerly affected - Aus 262 - Aus 263 - AX 63262

1267(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notice - 1219(T)/2013 is cancelled

Brisbane Port Corporation (AA712968)

Available depths and under keel clearances (UKC) at 12 December 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No12	13.5	
Fisherman Islands No11	13.7	
* Fisherman Islands No10	14.0	
* Fisherman Islands No9	13.9	
* Fisherman Islands No8	14.0	
* Fisherman Islands No7	13.7	
* Fisherman Islands No6	13.9	
* Fisherman Islands No5	13.8	
* Fisherman Islands No4	13.7	
* Fisherman Islands No3	13.5	
* Fisherman Islands No2	13.8	
* Fisherman Islands No1	14.0	
* Fisherman Islands Grain and Woodchip	13.0	
* Caltex Fisherman Islands	14.0	
* Fisherman Islands Coal	13.8	
* Fisherman Islands General Purpose	11.4	
* BP Luggage Point	14.0	
* Caltex Products	10.1	
Cement Australia Co Wharf	9.3	
* BP Products	10.0	
* Shell	11.0	
Pacific Terminals	10.9	
* Incitec North	9.7	
* Incitec South	9.3	
* Pinkenba 1	10.0	
* Pinkenba 2	10.0	
Riverside Marina	-	
Sugar Terminal	9.8	
Cairncross Fitting Out Wharf	7.2	
Cairncross Breasting Wharf	4.9	
Brisbane Naval Wharf	4.3	
* Maritime No1	8.6	
* Hamilton No4	10.2	
* Hamilton No1	8.6	
* Brisbane Cruise Ship Terminal	8.8	
	<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	13.8	1.46
Inner Bar Cutting	13.7	1.46
* Fisherman Islands Swing Basin	13.6	1.3
River	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	9.0	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

1268(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Redland Bay - Light beacon destroyed
 Maritime Safety Queensland Notice 951(T)/2013 (AA712577)

The starboard light beacon, *Fl.G.3s* (27° 36'.83 S 153° 18'.84 E), has been destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

1269(T)/2013 AUSTRALIA - QUEENSLAND - Port Denison - Light buoy relit

Former Notice - 1106(T)/2013 is cancelled

Maritime Safety Queensland (AA712046)

Cancel this notice on receipt.

Chart formerly affected - Aus 268

1270(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Ningi Creek - Wreck

Maritime Safety Queensland Notice 938(T)/2013 (AA711733)

A wreck, marked by buoys, exists in position 27° 03'.91 S 153° 08'.04 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235 - Aus 236

1271(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Depth information

Former Notice - 868(T)/2013 is cancelled

Maritime Safety Queensland Notice 947(T)/2013 (AA712300)

Available depths as at 6 December 2013:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.6	
Platypus Channel	11.3	
<i>Outer Harbour:</i>		
Arrival Channel	5.7	
Departure Channel	10.0	Less depth at SE corner 9.1 metres
<i>Inner Harbour:</i>		
Harbour	11.4	
<i>Berths:</i>		
No 1	11.9	
* No 2	12.1	
No 3	11.4	
* No 4	10.3	
* No 7	11.7	
* No 8	12.8	
No 9	11.4	
* Between No 9 and No 10	7.3	Seaward of 0 mark at No 10
* No 10	12.6	
No 11	10.8	
Ross River Channel	2.3	Entrance to beacon No 6
Ross River	-	Upstream of beacon No 6
Ross Creek	-	
* Indicates new or revised entry.		

Chart temporarily affected - Aus 256 - Aus 257

1272(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations completed

Former Notice - 1026(T)/2013 is cancelled

Maritime Safety Queensland (AA712032)

Cancel this notice on receipt.

Chart formerly affected - Aus 256 - Aus 257 - Aus 827

1273(T)/2013 AUSTRALIA - QUEENSLAND - Tuesday Islets - Wreck northeastwards*Former Notice* - 1216(T)/2013 is cancelled

Australian Maritime Safety Authority Auscoast Warning 287/2013 (AA711612)

A wreck, marked by a virtual AIS isolated danger mark MMSI 995036080, exists in position 10° 31'.9 S 142° 24'.2 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 292 - Aus 293**1274(T)/2013 AUSTRALIA - QUEENSLAND - Two Islands - Wreck**

Maritime Safety Queensland Notice 933(T)/2013 (AA711818)

A wreck exists in position 15° 01'.72 S 145° 28'.01 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 831 - Aus 832**1275(T)/2013 PAPUA NEW GUINEA - Cape St George - Light relit***Former Notice* - 981(T)/2013 is cancelled

National Maritime Safety Authority PNG Notice 51/2013 (AA710741)

Cancel this notice on receipt.

Chart formerly affected - Aus 397 - Aus 398 - Aus 554 - Aus 668 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX 04604U**1276(T)/2013 PAPUA NEW GUINEA - Caution Bay - Harbour works completed***Former Notice* - 66(T)/2011 is cancelled

Australian Hydrographic Service (AA711891)

Cancel this notice on receipt.

Chart formerly affected - Aus 379**1277(T)/2013 PAPUA NEW GUINEA - Caution Bay - Nav aids established***Former Notice* - 609(P)/2012 is cancelled

Australian Hydrographic Service (AA711891)

Cancel this notice on receipt.

Chart formerly affected - Aus 379**1278(T)/2013 PAPUA NEW GUINEA - Kalibobo Point - Light relit***Former Notice* - 1224(T)/2013 is cancelled

National Maritime Safety Authority PNG Notice 52(T)/2013 (AA712319)

Cancel this notice on receipt.

Chart formerly affected - Aus 387 - Aus 646 - Aus 4060 (INT 60) - Aus 4603 (INT 603) - Aus 4622 (INT 622) - AX 04603U

1279(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Dredging operations

Former Notice - 1112(T)/2013 is cancelled

Date - Until 1 May 2014

Darwin Port Corporation Notice 228(T)/2013 (AA712331)

The dredge *Rotterdam* is conducting dredging operations in an area 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.

The dredges *Athena*, *Queen of the Netherlands* and *Vox Maxima* are conducting dredging operations in the vicinity of Walker Shoal (12° 29'.46 S 130° 52'.39 E).

The dredge *Athena* with deployed anchors marked by lights and a 750m floating pipeline marked by flashing yellow lights. The dredges *Queen of the Netherlands* and *Vox Maxima* will connect to the pipeline to receive dredge spoil.

The Orion barge is in position 12° 30'.49 S 130° 53'.42 E and is marked by lights.

A 250m safety zone exists around the dredges.

Mariners are advised to navigate with caution in the area.

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

1280(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Wickham Point - Scientific instruments

Former Notice - 1110(T)/2013 is cancelled

Date - Until 30 April 2014

Darwin Port Corporation Notice 230(T)/2013 (AA712561)

Scientific instruments marked by special spar light buoys, Q.Y, exist in positions 12° 29'.20 S 130° 51'.60 E and 12° 30'.13 S 130° 52'.79 E.

Chart temporarily affected - Aus 24 - Aus 26 - Aus 27 - Aus 28 - AX 00026T

1281(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Sadgroves Creek - Light buoy; wreck salvaged

Former Notice - 777(T)/2013 is cancelled

Darwin Port Corporation Notice 227(T)/2013 (AA712396)

A special light buoy, *Fl(2)Y.8s*, exists in position 12° 27'.19 S 130° 51'.23 E.

Chart temporarily affected - Aus 24 - Aus 26 - AX 00026T

1282(P)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Light beacons

Former Notice - 1225(P)/2013 is cancelled

Darwin Port Corporation Notice 217(P)/2013 (AA708867)

Light beacons will be established as follows:

<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
12° 29'.914 S 130° 53'.132 E	<i>Fl.R.2.5s</i>	MS2
12° 29'.927 S 130° 53'.276 E	<i>Fl.G.2.5s</i>	MS3
12° 29'.779 S 130° 53'.339 E	<i>Fl.R.2.5s</i>	MS4
12° 29'.807 S 130° 53'.417 E	<i>Fl.G.2.5s</i>	MS5
12° 29'.648 S 130° 53'.384 E	<i>Fl.R.2.5s</i>	MS6
12° 29'.662 S 130° 53'.443 E	<i>Fl.G.2.5s</i>	MS7
12° 29'.579 S 130° 53'.493 E	<i>Fl.G.2.5s</i>	MS9
12° 29'.650 S 130° 53'.583 E	<i>DirWRG & Fl.Y.2s</i>	SL with sectors Green 052.5° - 053.4° (0.9°), AI WG 053.4° - 054.4° (1°), White 054.4° - 055.6° (1.2°), AI WR 055.6° - 056.6° (1°), Red 056.6° - 057.5° (0.9°).

Chart which will be affected - Aus 28

1283(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Browse Island - Drill rig northwestwards moved

Former Notice - 656(T)/2013 is cancelled
 MODU *Jack Bates* (AA710968)

Cancel this notice on receipt.

Chart formerly affected - Aus 319 - Aus 322 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 00319U - AX 00322U - AX 04721U - AX 04722U

1284(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Light buoys

Date - Until 31 May 2014

Department of Transport WA Notice 194/2013 (AA710742)

Special cylindrical light buoys, Q, exist in positions 20° 43'.91 S 116° 09'.85 E and 20° 43'.75 S 116° 10'.13 E.

Chart temporarily affected - Aus 68 - Aus 742

1285(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Light buoy, racon and AIS unreliable

Dampier Port Authority Notice 40/2013 (AA712437)

The light buoy, Q(4)Y.6s *Racon (M) AIS* (20° 25'.44 S 116° 42.91 E), is unreliable.

Chart temporarily affected - Aus 57 - Aus 58 - Aus 741

1286(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Gulf - Drill rig

MODU *Atwood Falcon* (AA712435)

Drill rig *Atwood Falcon* is conducting drilling operations in position 21° 55'.0 S 114° 14'.0 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744

1287(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Drill rig

Date - Until 15 January 2014

MODU *Ocean America* (AA710730), Australian Maritime Safety Authority Auscoast Warning 286/2013 (AA710732)

Drill rig *Ocean America* is conducting drilling operations in position 20° 30'.77 S 113° 01'.28 E.

Chart temporarily affected - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U

1288(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Middle Channel to South Channel - Scientific instruments recovered

Former Notice - 832(T)/2013 is cancelled

Albany Port Authority (AA712739)

Cancel this notice on receipt.

Chart formerly affected - Aus 110 - Aus 118 - AX 00110S - AX 00118S

1289(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards moved

Former Notice - 358(T)/2013 is cancelled

MODU *Atwood Falcon* (AA712435)

Cancel this notice on receipt.

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

1290(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards

Former Notice - 1175(T)/2013 is cancelled
 MODU *Deepwater Frontier* (AA712217)

Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 49'.81 S 114° 34'.13 E.

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

1291(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands northwestwards - Mooring buoy; pipeline infrastructure

Former Notice - 314(T)/2013 is cancelled

Apache Energy Ltd (AA711597, AA711732, AA711758), Australian Maritime Safety Authority Auscoast Warning 289/2013 (AA711582)

A lit riser turret mooring buoy, *Mo(U)15s*, exists in position 20°03'.52 S 115°11'.52 E.

MV *Deep Orient* will be conducting pipeline installation in the area.

A 500m exclusion zone exists around the vessel and mooring buoy.

FPSO *Armada Claire* is scheduled to arrive on site mid February 2014.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 328

1292(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards

Date - Until 15 January 2014

MODU *Jack Bates* (AA710968)

Drill rig *Jack Bates* is conducting drilling operations in position 21° 26'.25 S 113° 53'.49 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U

1293(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Penneshaw - Dredging operations completed

Former Notice - 1120(T)/2013 is cancelled

Department of Planning, Transport and Infrastructure SA (AA712702)

Cancel this notice on receipt.

Chart formerly affected - Aus 125

1294(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Dredging operations completed

Former Notice - 934(T)/2013 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 36/2013 (AA712585)

Cancel this notice on receipt.

Chart formerly affected - Aus 137

1295(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Depth information

Former Notice - 838(T)/2013 is cancelled

Department of Planning, Transport and Infrastructure SA Notice 36/2013 (AA712585)

Available depths as at 5 December 2013:

<i>Berth</i>	<i>Metres</i>
Outer Harbor No1	11.0
Outer Harbor No2	10.5
Outer Harbor No3	10.5
Outer Harbor No4	10.5
Outer Harbor No6	13.8
Outer Harbor No8	15.7
Swinging Basin	13.7
Osborne Wharf No1	8.3
* Inner Harbor M	10.7
* Indicates new or revised entry	

Chart temporarily affected - Aus 137**1296(T)/2013 AUSTRALIA - VICTORIA - Western Port - Drilling operations; survey**

Date - Until 30 June 2014

Victorian Notices 162(T)/2013, 177(T)/2013 (AA712873, AA712875)

Survey and drilling operations are in progress between the fairway buoy (38° 30'.21 S 145° 05'.36 E) and Crawfish Rock (38° 16'.21 S 145° 17'.78 E); plus extends into East Arm within the area of the port limits.

Barges *Sealift 1* and *Sealift 2* and support vessels are on site. A 100m exclusion zone exists around the barges.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 150 - Aus 151 - Aus 152

1297(T)/2013 AUSTRALIA - TASMANIA - Macquarie Harbour - Scientific instrument*Date* - Until 11 June 2014

Marine and Safety Tasmania M129/2013 (AA711802)

A scientific instrument 15m below the surface exists in position 42° 20'.82 S 145° 25'.20 E

Chart temporarily affected - Aus 177 - Aus 792

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
PRODUCT- Aus 814	Notice number		M Templeton

NAVIGATION WARNINGS

The following radio messages have been received during the period to 13 December 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

285 Cancelled.
 286 Drill rig *Ocean America* in position 20° 30'.77 S 113° 01'.28 E. 2.5M clearance requested.
 287 Virtual AIS aid to navigation isolated danger mark MMSI 995036080 established in position 10° 31'.9 S 142° 24'.2 E to mark approximate location of sunken motor cruiser.
 288 Special purpose vessel *Viking II* conducting seismic survey in an area bounded by 38° 46'.03 S to 39° 13'.94 S and 142° 14'.96 E to 142° 53'.83 E. 6M clearance requested.
 289 Balnaves riser column established in position 20° 03'.52 S 115° 11'.52 E.
 290 Cancelled.
 291 Drill rig *Jack Bates* in position 21° 26'.24 S 113° 53'.49 E. 2.5M clearance requested.
 292 Drill rig *Atwood Falcon* in position 21° 55'.00 S 114° 14'.00 E. 2.5M clearance requested.
 293 Emergency wreck marking buoy in position 16° 07'.7 S 115° 31'.2 E unlit.

NAVAREA X WARNINGS

064 Cancelled.
 065 Cancelled.

Navigational warnings in force as at 130001UTC DEC 13.**Auscoast**

2013 099 134 217 237 257 263 264 270 272 276 278 281 286 287 288 289 291 292 293

Navarea X

2013 037

Summary of mobile drilling rigs as at 130001UTC DEC 13.

<i>Name</i>	<i>Position</i>
Ensco 104	10° 09'.20 S 128° 49'.60 E
Ensco 109	12° 40'.30 S 124° 32'.30 E
Noble Clyde Boudreaux	13° 49'.00 S 123° 19'.35 E
Transocean Legend	13° 19'.00 S 122° 16'.45 E
Atwood Eagle	19° 42'.41 S 115° 52'.53 E
Atwood Osprey	20° 24'.50 S 114° 51'.00 E
Deepwater Frontier	19° 47'.55 S 114° 38'.95 E
Atwood Falcon	21° 55'.00 S 114° 14'.00 E
Nan Hai 6	21° 32'.02 S 114° 09'.10 E
Jack Bates	21° 26'.24 S 113° 53'.49 E
Ocean America	20° 30'.77 S 113° 01'.28 E

NAVAREA XIV WARNINGS

100 Cancelled.
 101 Cancelled.
 102 Cancelled.
 103 Cancelled.
 104 Cancelled.

Navarea XIV warnings in force as at 130001UTC DEC 13.

2013 098

2.4.10 Department of Infrastructure and Regional Development

1. The Department of Infrastructure and Regional Development contributes to the wellbeing of all Australians by assisting the Government to promote, evaluate, plan and invest in infrastructure and by fostering an efficient, sustainable, competitive, safe and secure transport system.
2. The purpose of the department is to promote economic, social and regional development by enhancing Australia's infrastructure performance. Generally speaking, international and interstate shipping comes under Commonwealth jurisdiction, while ports and intrastate shipping comes under State jurisdiction. The department has policy responsibility for Commonwealth legislation in the transport sector, conducts research and safety investigations, performs regulatory functions, develops policy, administers programs, and delivers services. This broad portfolio is divided into:

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Website:	www.environment.gov.au/topics/marine/marine-reserves
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Website:	www.environment.gov.au/topics/marine/marine-reserves
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Website:	www.environment.gov.au/topics/marine/marine-reserves
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Page 66 (6.1)

Website:	www.environment.gov.au (Permits and Assessments Tab)
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Website:	www.environment.gov.au/topics/marine/marine-species/whales-dolphins-and-porpoises/research-permits
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Website:	www.environment.gov.au/topics/national-parks
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Location	Position	Chart	VHF Channel	Method
Hydrographers Passage (Blossom Bank)	19°43'S 150°26'E	Aus 821	16, 09	Helo Only
Cairns (Yorkeys Knob)	16°44'S 145°45'E	Aus 830	20	Launch or Helo
Cape Flattery (Two Mile opening)	14°21'S 145°29'E	Aus 831	16, 11	Helo Only
Great North East Channel (Dalrymple Is)	9°34'S 143°24'E	Aus 700	13	Launch
Torres Strait (Booby Island)	10°36'S 141°50'E	Aus 700	20	Launch or Helo
Torres Strait (Goods Island)	10°34'S 142°04'E	Aus 700	20	Launch or Helo

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