




19 November 2010

Edition 23

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

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# AUSTRALIAN NOTICES TO MARINERS

Notices 1219 – 1291 

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN  
*Hydrographer of Australia*

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## SECTIONS.

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## SUPPLEMENTS.

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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.

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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.

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**1219 AUSTRALIA - Product**

Australian Hydrographic Service (AA503326)

**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 357	19/11/2010	Australia - South Coast - Victoria - South East Point to Point Hicks 37° 45'0 S - 39° 18'5 S 146° 20'0 E - 149° 28'0 E <i>New metric chart providing improved coverage of south east Victoria.</i>	1:300 000	Aus 5001	\$35.00
Aus 390	19/11/2010	Papua New Guinea - South Pacific Ocean - Manus Island to Wuvulu Island 0° 20'0 S - 3° 19'0 S 142° 00'0 E - 146° 41'5 E <i>New metric chart providing improved coverage of northern Papua New Guinea.</i>	1:500 000	Aus 5000	\$35.00
Aus 668	19/11/2010	Papua New Guinea - New Ireland - North Coast - Plans in Papua New Guinea (Sheet 9) Plans: Sperber Point to Cape St George 4° 39'50 S - 4° 52'98 S 152° 43'00 E - 153° 00'68 E Nabuto Bay 3° 34'26 S - 3° 41'00 S 152° 23'30 E - 152° 32'13 E <i>New metric chart providing improved coverage of Sperber Point to Cape St George and Nabuto Bay.</i>	1:50 000  1:25 000	Aus 5001	\$35.00

**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 57	19/11/2010	Australia - North West Coast - Western Australia - Dampier Archipelago 20° 17'37 S - 20° 43'92 S 116° 21'50 E - 117° 06'08 E <i>New edition to incorporate Pluto Channel and pipeline.</i>	1:75 000	Aus 5001	\$35.00
Aus 58	19/11/2010	Australia - North West Coast - Western Australia - Port of Dampier 20° 18'22 S - 20° 40'93 S 116° 37'03 E - 116° 51'12 E <i>New edition to incorporate Pluto Channel and pipeline.</i>	1:37 500	Aus 5001	\$35.00
Aus 628	19/11/2010	Papua New Guinea - Louisiade Archipelago - Nuakata Passage 10° 06'8 S - 10° 26'8 S 150° 50'4 E - 161° 03'8 E <i>New edition to update for vertical datum adjustments.</i>	1:37 500	Aus 5001	\$35.00

**New Chart to be published shortly**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 327	Australia - North West Coast - Western Australia - Port Walcott to Montebello Islands	1:300 000	3 December 2010

**1219 AUSTRALIA – Product (continued)****Chart permanently withdrawn**

Chart On publication of new chart

Aus 57 Aus 57  
 Aus 58 Aus 58  
 Aus 628 Aus 628  
 Aus 668 Aus 668

**Chart permanently withdrawn without replacement**

Chart On publication of new chart

Aus 357A Aus 357  
 AX 0415F

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.

**1220 AUSTRALIA - Product - Amendment to Australian Seafarers Handbook AHP20**

Australian Hydrographic Service (AA500064, AA503385)

Substitute [accompanying tables](#) on pages 20 (2.4.2), 21 (2.4.3), 24 (2.4.6), 30 (2.5.3), 31 (2.5.5), 32 (2.5.8), 160 (9.5.1) and 195 (11.1.12).

Page 25

Substitute [accompanying page 25](#)

Page 26

2.4.10 (1) Heading and line 1

Delete Department of Infrastructure Transport Regional Development and Local Government

Insert Department of Infrastructure and Transport

Page 30

2.5.3 Heading and paragraph 1 & 2

Delete Marine and Safety Victoria (MSV)

Insert Transport Safety Victoria (TSV)

Page 32

2.5.7 Heading and line 1

Delete Department of Planning and Infrastructure

Insert Department of Lands and Planning

**1221\* AUSTRALIA - Nobbys Head to North Solitary Island - Obstruction; wreck**

UKHO (AA502189)

**Aus 4643 [NC 24/9/2010]**

Insert	depth, 39m, enclosed by danger circle with legend,		
	<i>Obstn</i>	32° 54'.5 S	151° 55'.5 E
	safe clearance depth, 55m, enclosed by danger circle		
	with legend, <i>Wk</i>	29° 49'.7 S	153° 27'.5 E

**1222\* AUSTRALIA - QUEENSLAND - Moreton Bay - Sandstone Point - Light beacon removed**

Maritime Safety Queensland Notice 971/2010 (AA502497)

**Aus 236 [1158/2010]**

Delete	light beacon	27° 06'.0 S	153° 08'.2 E
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**1223\* AUSTRALIA - QUEENSLAND - Capricorn Group - Depths**HMAS *Mermaid* and *Paluma* (DHDB 1586881)**Aus 366 [1160/2010]**

Substitute	depth, 13 <sub>8</sub> m, for depth, 15fm	23° 36'.9 S	151° 58'.3 E
	depth, 14 <sub>8</sub> m, for depth, 19fm	23° 43'.4 S	152° 01'.2 E

**Aus819 [899/2010]**

Insert	depth, 23 <sub>8</sub> m, and extend contour SW to enclose	23° 36'.90 S	151° 58'.18 E
	depth, 25 <sub>2</sub> m (a) and extend contour to enclose (a) and (b)	23° 42'.97 S	152° 01'.72 E

Substitute	depth, 25 <sub>4</sub> m (b) for depth, 35m	23° 43'.3 S	152° 01'.3 E
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Delete	depth, 28 <sub>6</sub> m	23° 36'.7 S	151° 58'.4 E
	depth, 29m	23° 43'.1 S	152° 01'.9 E

**1224\* AUSTRALIA - QUEENSLAND - Gladstone - Targinie Channel - Light buoy established**

Maritime Safety Queensland Notice 976/2010 (AA502494)

**Aus 244 (plan, Fishermans Landing Wharves) [654/2010]**

Insert	port lateral cylindrical light buoy, <i>Fl.R.4s T12</i> , without topmark	23° 47'.600 S	151° 11'.243 E
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**Aus 245 [899/2010]**

Insert	port lateral cylindrical light buoy, <i>Fl.R.4s T12</i> , without topmark	23° 47'.600 S	151° 11'.243 E
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**1225\* AUSTRALIA - QUEENSLAND - Whitsunday Island - Fitzalan Passage - Light buoy altered**

Maritime Safety Queensland Notice 935/2010 (AA500685)

**Aus 252 [949/2010]**

Amend	light buoy to <i>Fl.Y.2.5s</i>	20° 18'.4 S	148° 55'.4 E
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**Aus 253 [949/2010]**

Amend	light buoy to <i>Fl.Y.2.5s</i>	20° 18'.41 S	148° 55'.38 E
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**Aus 254 (plan, Fitzalan Passage) [655/2010]**

Amend	light buoy to <i>Fl.Y.2.5s</i>	20° 18'.41 S	148° 55'.38 E
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**1226\* AUSTRALIA - QUEENSLAND - Shute Bay - Obstruction***Former Notice - 1451(T)/2009 is cancelled*

Maritime Safety Queensland Notice 956/2010 (AA501899)

**Aus 253 [1225/2010]**

Insert	danger circle with legend <i>Obstrn</i> , centred on	20° 17'.524 S	148° 46'.903 E
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**1227\* AUSTRALIA - QUEENSLAND - Abbot Point - Infrastructure; nav aids; depths***Former Notice - 1044(T)/2008 is cancelled*

Maritime Safety Queensland (AA491006 - AA491009)

**Aus 255 [187/2009]**

Insert	<a href="#">accompanying block</a>	19° 51'.0 S	148° 05'.0 E
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**Aus 255 (plan, Abbot Point Wharf)**

Insert	<a href="#">accompanying block</a>	19° 51'.2 S	148° 05'.0 E
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**1228\* PAPUA NEW GUINEA - Redscar Bay - Depth**HMAS *Paluma* (AA501986)**Aus 379 [360/2009]**

Insert	depth, 8 <sub>9</sub> m, enclosed by contour	9° 07'.65 S	146° 37'.69 E
Delete	depth, 42m	9° 07'.5 S	146° 37'.3 E

**1229\* PAPUA NEW GUINEA - South Passage to Nivani Island - Beacons**

W Cray (AA501848, AA501849)

**Aus 512 [1111/2010]**

Delete	beacon	10° 47'.5 S	152° 23'.2 E
	beacon	10° 47'.4 S	152° 23'.8 E
	beacon	10° 46'.9 S	152° 24'.9 E
	beacon	10° 45'.3 S	152° 26'.5 E
	beacon	10° 47'.6 S	152° 26'.9 E
	beacon	10° 47'.4 S	152° 29'.2 E
	beacon	10° 49'.0 S	152° 29'.4 E
	beacon	10° 51'.3 S	152° 28'.7 E
	beacon	10° 50'.9 S	152° 30'.1 E

**1230\* AUSTRALIA - TORRES STRAIT - Hockings Patches to Bramble Patches - Depths**

LADS Flight (DHDB 1614849)

**Aus 296 [1054/2010]**

Insert	depth, 3 <sub>1</sub> m, enclosed by contour	10° 30'.59 S	141° 35'.14 E
	depth, 8 <sub>2</sub> m, enclosed by contour	10° 30'.66 S	141° 33'.97 E
	depth, 9 <sub>2</sub> m, enclosed by contour	10° 31'.31 S	141° 35'.65 E
	depth, 9 <sub>7</sub> m, enclosed by contour	10° 31'.97 S	141° 35'.05 E
	depth, 9m, enclosed by contour	10° 34'.25 S	141° 35'.95 E
	depth, 8 <sub>8</sub> m, enclosed by contour	10° 34'.91 S	141° 36'.24 E
	depth, 10 <sub>4</sub> m	10° 35'.67 S	141° 33'.64 E
Substitute	depth, 9m, enclosed by contour for depth, 13 <sub>6</sub> m	10° 33'.7 S	141° 36'.1 E
	depth, 8 <sub>6</sub> m, for depth, 9 <sub>5</sub> m SD	10° 34'.3 S	141° 35'.7 E
	depth, 14 <sub>9</sub> m, for depth, 11 <sub>2</sub> m Rep (1981)	10° 35'.7 S	141° 32'.1 E
Delete	depth, 3 <sub>6</sub> m, and enclosing contour	10° 30'.5 S	141° 35'.5 E
	depth, 12 <sub>4</sub> m	10° 32'.0 S	141° 35'.0 E
	depth, 9 <sub>6</sub> m SD, and enclosing contour	10° 34'.2 S	141° 36'.0 E
	depth, 9m SD, and enclosing contour	10° 34'.8 S	141° 36'.3 E
	depth, 10m, and enclosing contour with legend, Rep (1973)	10° 37'.8 S	141° 35'.0 E
	depth, 11 <sub>6</sub> m SD	10° 35'.6 S	141° 33'.8 E

**Aus 301 [904/2010]**

Insert	depth, 11 <sub>2</sub> m	10° 37'.97 S	141° 35'.29 E
	depth, 10 <sub>4</sub> m	10° 35'.67 S	141° 33'.64 E
Substitute	depth, 8 <sub>8</sub> m, for depth, 9m SD	10° 34'.7 S	141° 36'.3 E
Delete	depth, 10m, and enclosing contour with legend, Rep (1973)	10° 37'.8 S	141° 35'.0 E
	depth, 11 <sub>2</sub> m Rep (1981)	10° 35'.7 S	141° 32'.1 E

**1230\* AUSTRALIA - TORRES STRAIT - Hockings Patches to Bramble Patches – Depths (continued)****Aus 376 [1054/2010]**

Insert	depth, 8 <sub>2</sub> m, and extend contour W to enclose	10° 30'.57 S	141° 34'.02 E
	depth, 9m, and extend contour N to enclose	10° 33'.58 S	141° 36'.11 E
	depth, 11 <sub>2</sub> m	10° 37'.97 S	141° 35'.29 E

Substitute	depth, 3 <sub>1</sub> m, for depth, 3 <sub>3</sub> m	10° 30'.5 S	141° 35'.6 E
	depth, 9 <sub>7</sub> m, enclosed by contour for depth, 12 <sub>2</sub> m	10° 31'.90 S	141° 35'.10 E
	depth, 8 <sub>8</sub> m, for depth, 9m SD	10° 34'.7 S	141° 36'.3 E
	depth, 14 <sub>9</sub> m, for depth, 11 <sub>2</sub> m Rep (1981)	10° 35'.7 S	141° 32'.1 E
	depth, 10 <sub>4</sub> m, for depth, 11 <sub>6</sub> m SD	10° 35'.6 S	141° 33'.8 E

Delete	depth, 10m, and enclosing contour with legend, Rep (1973)	10° 37'.8 S	141° 35'.0 E
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**Aus 700 [1054/2010]**

Insert	depth, 3 <sub>1</sub> m, enclosed by contour	10° 30'.50 S	141° 35'.19 E
	depth, 8 <sub>2</sub> m, enclosed by contour	10° 30'.57 S	141° 34'.02 E
	depth, 9 <sub>2</sub> m, enclosed by contour	10° 31'.22 S	141° 35'.71 E
	depth, 9 <sub>7</sub> m, enclosed by contour	10° 31'.88 S	141° 35'.11 E

Substitute	depth, 9m, enclosed by contour for depth, 13 <sub>6</sub> m	10° 33'.6 S	141° 36'.1 E
	depth, 8 <sub>6</sub> m, for depth, 9 <sub>5</sub> m SD	10° 34'.3 S	141° 35'.7 E
	depth, 8 <sub>8</sub> m, for depth, 9m SD	10° 34'.7 S	141° 36'.3 E
	depth, 10 <sub>4</sub> m, for depth, 11 <sub>6</sub> m SD	10° 35'.6 S	141° 33'.8 E

Delete	depth, 3 <sub>6</sub> m, and enclosing contour	10° 30'.4 S	141° 35'.5 E
	depth, 12 <sub>4</sub> m	10° 31'.9 S	141° 35'.1 E
	depth, 10m, and enclosing contour with legend, Rep (1973)	10° 37'.8 S	141° 35'.0 E
	depth, 11 <sub>2</sub> m Rep (1981)	10° 35'.7 S	141° 32'.1 E

**Aus 4620 (INT 620) [783/2010]**

Substitute	depth, 8 <sub>6</sub> m, for depth, 9m SD	10° 34'.5 S	141° 36'.3 E
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**Aus 4720 (INT 720) [479/2010]**

Substitute	depth, 8 <sub>6</sub> m, for depth, 9m SD	10° 34'.5 S	141° 36'.3 E
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**AX 4620F [783/2010]**

Substitute	depth, 8 <sub>6</sub> m, for depth, 9m SD	10° 34'.5 S	141° 36'.3 E
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**AX 4720F [479/2010]**

Substitute	depth, 8 <sub>6</sub> m, for depth, 9m SD	10° 34'.5 S	141° 36'.3 E
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**1231\* AUSTRALIA - QUEENSLAND - Archer River to Nassau River - ZOC diagram**

Australian Hydrographic Service (AA499964)

**Aus 302 [634/2008]**

Substitute	<a href="#">accompanying ZOC diagram</a>	14° 30'.0 S	141° 45'.0 E
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**1232\* AUSTRALIA - NORTHERN TERRITORY - Cape Don to Cape Wessel - Chart limits**

Australian Hydrographic Service (AA500062)

**Aus 442 [1165/2010]**

Insert	magenta limits, with legend <i>Aus 721</i> in NE corner, between	10° 43'.4 S	131° 45'.0 E
		10° 43'.4 S	132° 11'.0 E
		11° 42'.0 S	132° 11'.0 E
		11° 42'.0 S	131° 45'.0 E
	magenta limits, with legend <i>Aus 720</i> in SE corner, between	11° 19'.9 S	131° 43'.0 E
		11° 19'.9 S	132° 43'.9 E
		12° 18'.4 S	132° 43'.9 E
		12° 18'.4 S	131° 45'.0 E
	magenta limits, with legend <i>Aus 714</i> in NE corner, between	10° 02'.2 S	133° 04'.8 E
		11° 35'.0 S	133° 04'.8 E
		11° 35'.0 S	132° 05'.4 E
		10° 02'.2 S	132° 05'.4 E
	magenta limits, with legend <i>Aus 719</i> in NE corner, between	10° 02'.2 S	133° 04'.8 E
		10° 23'.2 S	133° 56'.8 E
		11° 56'.0 S	133° 56'.8 E
		11° 56'.0 S	132° 57'.4 E
		10° 23'.2 S	132° 57'.4 E
		10° 23'.2 S	133° 56'.8 E
		11° 30'.0 S	132° 30'.0 E
		11° 30'.0 S	132° 30'.0 E

**Aus 720 [351/2007]**

Insert	magenta legend, <i>Adjoining Chart Aus 714</i> in N border	11° 19'.9 S	132° 20'.0 E
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**Aus 721 [205/2010]**

Insert	magenta legend, <i>Adjoining Chart Aus 714</i> in E border	10° 55'.0 S	132° 11'.0 E
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**Aus 4721 (INT 721) [1166/2010]**

Insert	magenta limits, with legend <i>Aus 721</i> in NE corner, between	10° 43'.4 S	132° 11'.0 E
		11° 42'.0 S	132° 11'.0 E
		11° 42'.0 S	130° 37'.1 E
		10° 43'.4 S	130° 37'.1 E
		10° 43'.4 S	132° 11'.0 E
	magenta limits, with legend <i>Aus 720</i> in NE corner, between	11° 19'.9 S	132° 43'.9 E
		12° 18'.4 S	132° 43'.9 E
		12° 18'.4 S	131° 10'.0 E
		11° 19'.9 S	131° 10'.0 E
		11° 19'.9 S	132° 43'.9 E
	magenta limits, with legend <i>Aus 722</i> in NW corner, between	11° 39'.5 S	129° 51'.0 E
		11° 39'.5 S	131° 24'.9 E
		12° 37'.9 S	131° 24'.9 E
		12° 37'.9 S	129° 51'.0 E
		11° 39'.5 S	129° 51'.0 E
Delete	magenta limits, with legend <i>Aus 308</i> , centred on	11° 30'.0 S	132° 00'.0 E

**1232\* AUSTRALIA - NORTHERN TERRITORY - Cape Don to Cape Wessel - Chart limits (continued)****AX 4721F [1166/2010]**

Insert	magenta limits, with legend <i>Aus 721</i> in NE corner, between	10° 43'.4 S 11° 42'.0 S 11° 42'.0 S 10° 43'.4 S 10° 43'.4 S	132° 11'.0 E 132° 11'.0 E 130° 37'.1 E 130° 37'.1 E 132° 11'.0 E
	magenta limits, with legend <i>Aus 720</i> in NE corner, between	11° 19'.9 S 12° 18'.4 S 12° 18'.4 S 11° 19'.9 S 11° 19'.9 S	132° 43'.9 E 132° 43'.9 E 131° 10'.0 E 131° 10'.0 E 132° 43'.9 E
	magenta limits, with legend <i>Aus 722</i> in NW corner, between	11° 39'.5 S 11° 39'.5 S 12° 37'.9 S 12° 37'.9 S 11° 39'.5 S	129° 51'.0 E 131° 24'.9 E 131° 24'.9 E 129° 51'.0 E 129° 51'.0 E
Delete	magenta limits, with legend <i>Aus 308</i> , centred on	11° 30'.0 S	132° 00'.0 E

**1233\* AUSTRALIA - NORTHERN TERRITORY - Melville Island - Depths**

*Former Notice - 790(P)/2009 is cancelled*  
 Australian Hydrographic Service (AA502449)

**Aus 20 [995/2009]**

Insert	<a href="#">accompanying block</a>	11° 56'.5 S	130° 56'.0 E
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**1234\* AUSTRALIA - NORTHERN TERRITORY - Darwin - Wrecks; aero beacon**

HMAS *Leeuwin* (AA494999), Northern Territory Government (AA497059, AA500006)

**Aus 24 [867/2009]**

Insert	depth, 3 <sub>9</sub> m, enclosed by danger circle with legend, <i>Wk</i>	12° 28'.138 S	130° 50'.086 E
Delete	depth, 8 <sub>5</sub> m	12° 28'.12 S	130° 50'.07 E
	depth, 18 <sub>1</sub> m, and enclosing danger circle with legend, <i>Wk</i>	12° 28'.20 S	130° 50'.05 E

**Aus 26 [907/2010]**

Insert	depth, 3 <sub>9</sub> m, enclosed by danger circle with legend, <i>Wk</i> dangerous wreck	12° 28'.14 S 12° 25'.60 S	130° 50'.09 E 130° 45'.92 E
Delete	depth, 18 <sub>1</sub> m, and enclosing danger circle with legend, <i>Wk</i> aero beacon	12° 28'.2 S 12° 25'.9 S	130° 50'.1 E 130° 57'.6 E

**Aus 309 [906/2010]**

Insert	dangerous wreck	12° 25'.60 S	130° 45'.92 E
Delete	aero beacon	12° 25'.9 S	130° 57'.6 E

**1234\* AUSTRALIA - NORTHERN TERRITORY - Darwin - Wrecks; aero beacon (continued)****Aus 722 [788/2010]**

Insert	dangerous wreck	12° 25'.60 S	130° 45'.92 E
Delete	depth, <u>1</u> <sub>3</sub> m aero beacon	12° 25'.5 S 12° 25'.9 S	130° 45'.7 E 130° 57'.6 E

**AX 0309F [906/2010]**

Insert	dangerous wreck	12° 25'.60 S	130° 45'.92 E
Delete	aero beacon	12° 25'.9 S	130° 57'.6 E

**AX 72026 [907/2010]**

Insert	depth, 3 <sub>9</sub> m, enclosed by danger circle with legend, Wk dangerous wreck	12° 28'.14 S 12° 25'.60 S	130° 50'.09 E 130° 45'.92 E
Delete	depth, 18 <sub>1</sub> m, and enclosing danger circle with legend, Wk aero beacon	12° 28'.2 S 12° 25'.9 S	130° 50'.1 E 130° 57'.6 E

**AX 72309 [906/2010]**

Insert	dangerous wreck	12° 25'.60 S	130° 45'.92 E
Delete	aero beacon	12° 25'.9 S	130° 57'.6 E

**AX 72722 [788/2010]**

Insert	dangerous wreck	12° 25'.60 S	130° 45'.92 E
Delete	depth, <u>1</u> <sub>3</sub> m aero beacon	12° 25'.5 S 12° 25'.9 S	130° 45'.7 E 130° 57'.6 E

**1235\* AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Depth  
HMAS *Leeuwin* (DHDB 1304810)****Aus 309 [1234/2010]**

Substitute	depth, 32m, for depth, 41m	12° 07'.0 S	130° 06'.5 E
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**Aus 722 [1234/2010]**

Substitute	depth, 32m, for depth, 41m	12° 07'.0 S	130° 06'.5 E
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**Aus 4721 (INT 721) [1232/2010]**

Substitute	depth, 32m, for depth, 41m	12° 07'.0 S	130° 06'.5 E
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**AX 0309F [1234/2010]**

Substitute	depth, 32m, for depth, 41m	12° 07'.0 S	130° 06'.5 E
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**AX 4721F [1232/2010]**

Substitute	depth, 32m, for depth, 41m	12° 07'.0 S	130° 06'.5 E
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**AX 72309 [1234/2010]**

Substitute	depth, 32m, for depth, 41m	12° 07'.0 S	130° 06'.5 E
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**AX 72722 [1234/2010]**

Substitute	depth, 32m, for depth, 41m	12° 07'.0 S	130° 06'.5 E
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**1236\* AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Wells**

Former Notice - 1296(T)/2009 is cancelled

HESS Exploration Australia (AA435937, AA502484)

**Aus 329 [NC 30/7/2010]**

Insert	depth, 1058m, enclosed by danger circle with legend, <i>Well</i>	20° 03'.86 S	113° 35'.99 E
	depth, 1116m, enclosed by danger circle with legend, <i>Well</i>	20° 28'.74 S	113° 55'.65 E
Delete	depth, 1123m	20° 28'.3 S	113° 54'.0 E

**Aus 4723 [NC 27/8/2010]**

Insert	depth, 1058m, enclosed by danger circle with legend, <i>Well</i>	20° 03'.9 S	113° 36'.0 E
	depth, 1116m, enclosed by danger circle with legend, <i>Well</i>	20° 28'.7 S	113° 55'.7 E

**1237\* AUSTRALIA - WESTERN AUSTRALIA - Warnbro Sound - Port Kennedy - Nav aids**

Department of Transport WA Notice 124/2010 (AA501930, AA501845, AA501846)

**Aus 116 (plan, Warnbro Sound) [998/2010]**

Insert	light, <i>F.Bu</i>	32° 21'.930 S	115° 43'.750 E
	special spar light buoy, <i>Fl.Y.3s</i> , without topmark	32° 22'.054 S	115° 43'.231 E
	special spar light buoy, <i>Fl.Y.3s</i> , without topmark	32° 21'.943 S	115° 43'.231 E
	special spar light buoy, <i>Fl.Y.3s</i> , without topmark	32° 21'.718 S	115° 43'.231 E
	special spar light buoy, <i>Fl.Y.3s</i> , without topmark	32° 21'.718 S	115° 43'.427 E
	special spar light buoy, <i>Fl.Y.3s</i> , without topmark	32° 21'.792 S	115° 43'.543 E
	special spar light buoy, <i>Fl.Y.3s</i> , without topmark	32° 21'.853 S	115° 43'.639 E

**Aus 755 [423/2010]**

Insert	light, <i>F.Bu</i>	32° 21'.93 S	115° 43'.75 E
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**AX 0755E [366/2010]**

Insert	light, <i>F.Bu</i>	32° 21'.93 S	115° 43'.75 E
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**AX 66002 [997/2010]**

Insert	light, <i>F.Bu</i>	32° 21'.93 S	115° 43'.75 E
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**1238\* AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Legends**

Bunbury Port Authority (AA502215)

**Aus 115 [794/2010]**

Insert	legend, <i>La Porte Leads</i> , centred on	33° 15'.9 S	115° 41'.1 E
	legend, <i>Power House Leads</i> , centred on	33° 19'.00 S	115° 40'.20 E

**Aus 115 (plan, Port of Bunbury)**

Insert	legend, <i>Power House Leads</i> , centred on	33° 19'.08 S	115° 39'.58 E
	legend, <i>Cable Sand Leads</i> , centred on	33° 19'.33 S	115° 39'.28 E
	legend, <i>Inner Harbour Leads</i> , centred on	33° 19'.53 S	115° 39'.72 E
	legend, <i>Inner Harbour Extension Leads</i> , centred on	33° 19'.62 S	115° 40'.45 E

**1239 INDIAN OCEAN - Madagascar Ridge - Depth**

BA Notice 43/5206/2010 (AA500411)

**Aus 4070 (INT 70) [1116/2010]**

Insert	depth, 743m, enclosed by contour	39° 25'.0 S	41° 24'.0 E
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**1240\* AUSTRALIA - SOUTH AUSTRALIA - Point Lowly - Light altered**

Former Notice - 455(T)/2009 is cancelled

The Corporation of the City of Whyalla (AA502158)

**Aus 136 [747/2010]**

Amend range to 7M 33° 00'.0 S 137° 47'.1 E

**Aus 136 (plan, Port Bonython)**

Amend range to 7M 32° 59'.98 S 137° 47'.13 E

**Aus 444 [1117/2010]**

Amend range to 7M 33° 00'.0 S 137° 47'.1 E

**Aus 778 [747/2010]**

Amend range to 7M 33° 00'.0 S 137° 47'.1 E

**1241\* AUSTRALIA - SOUTH AUSTRALIA - Troubridge Point to Eastern Cove - Depths**

UKHO (AA502550)

**Aus 780 [1174/2010]**

Insert depth, 10m, enclosed by contour 35° 46'.11 S 137° 49'.46 E

Substitute depth, 19<sub>5</sub>m, enclosed by contour for depth, 21m 35° 12'.3 S 137° 33'.8 E**1242\* AUSTRALIA - SOUTH AUSTRALIA - Port Stanvac to Adrossan - Wrecks**

UKHO (AA502552)

**Aus 139 (plan, Ardrossan Harbor Approaches) [1174/2010]**Insert [accompanying block](#) 34° 31'.0 S 138° 03'.0 E**Aus 781 [1174/2010]**Insert depth, 22<sub>1</sub>m, enclosed by danger circle 35° 06'.90 S 138° 24'.61 EAmend legend to *Historic Wk* (see Note) 34° 30'.6 S 138° 02'.5 EDelete protected zone, centred on  
depth, 19<sub>6</sub>, and enclosing danger circle 34° 30'.8 S 138° 03'.8 E  
35° 06'.9 S 138° 24'.7 E**1243\* AUSTRALIA - SOUTH AUSTRALIA - Kangaroo Island - Kingscote - Light beacon**

UKHO (AA502550)

**Aus 125 (plan, Kingscote Harbour) [1176/2010]**Insert [accompanying block](#) 35° 39'.5 S 137° 39'.0 E**Aus 780 [1241/2010]**Move light beacon 35° 38'.5 S 137° 38'.9 E  
to 35° 38'.30 S 137° 38'.84 E

**1244\* SOUTHERN OCEAN - Scientific instruments**

Former Notice - 400(T)/2010 is cancelled  
CSIRO (AA502594)

**Aus 4709 (INT 709) [597/2010]**

Insert	depth, 800m, enclosed by danger circle with legend, ODAS	46° 49'.8 S	141° 39'.0 E
.Move	light buoy to	46° 18'.0 S 46° 55'.9 S	140° 40'.0 E 142° 14'.7 E

**1245\* AUSTRALIA - TASMANIA - Cape Raoul - Scientific instrument southwestwards**

Marine and Safety Tasmania Notice M99/2010 (AA502501)

**Aus 796 [212/2010]**

Insert	depth, 20m, enclosed by danger circle with legend, ODAS	43° 18'.00 S	147° 39'.65 E
Delete	depth, 98m	43° 18'.0 S	147° 40'.0 E

**1246\* AUSTRALIA - TASMANIA - Burnie - Depths**

Former Notice - 922(T)/2009 is cancelled  
HydroSurvey Australia (DHDB 1608199)

**Aus 163 [213/2010]**

Insert	<a href="#">accompanying block</a>	41° 03'.0 S	145° 55'.0 E
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**Aus 163 (plan, Port of Burnie)**

Insert	<a href="#">accompanying block</a>	41° 03'.1 S	145° 55'.0 E
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**1247\* AUSTRALIA - VICTORIA - Port Phillip - Point Wilson Bank - Light beacon established**

Victorian Notice 109T/2010 (AA500717, AA502875)

**Aus 157 [1179/2010]**

Insert	starboard lateral light beacon, Fl.G.3s, with topmark	38° 06'.680 S	144° 30'.981 E
Delete	depth, 4m	38° 06'.70 S	144° 30'.93 E

**1248(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information**

Former Notice - 1182(T)/2010 is cancelled

Port of Brisbane Corporation (AA502881)

Available depths and under keel clearances (UKC) at 8 November 2010:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No10	14.2	
Fisherman Islands No9	14.1	
Fisherman Islands No8	14.1	
Fisherman Islands No7	14.1	
Fisherman Islands No6	14.0	
Fisherman Islands No5	14.0	
Fisherman Islands No4	14.0	
Fisherman Islands No3	14.0	
Fisherman Islands No2	14.1	
* Fisherman Islands No1	14.0	
Fisherman Islands Grain and Woodchip	13.1	
* Caltex Fisherman Islands	14.1	
BP Luggage Point	14.3	
Fisherman Islands Coal	13.5	
Fisherman Islands General Purpose	11.6	
Caltex Products	10.0	
* Cement Australia Co Wharf	9.7	
BP Products	10.9	
Shell	11.1	
Pacific Terminals	10.2	
Incitec North	10.2	
Incitec South	10.3	
Pinkenba 1	10.5	
Pinkenba 2	10.5	
Riverside Marina	5.0	
Sugar Terminal	9.7	
Cairncross Fitting Out Wharf	6.6	
Cairncross Breasting Wharf	6.5	
* Brisbane Naval Wharf	4.8	
Maritime No3	6.5	(not maintained)
Maritime No2	9.9	
Maritime No1	9.2	
Hamilton No4	10.3	
Hamilton No1	9.3	
Brisbane Cruise Ship Terminal	9.3	
	<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	14.0	1.46
Fisherman Islands Swing Basin	14.0	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 - 0.9

\*Indicates new or revised entry.

**Chart temporarily affected – Aus 235 – Aus 236 – Aus 237 – Aus 238**

**1249(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Dunwich - Harbour works completed**

*Former Notice* - 1069(T)/2010 is cancelled

Maritime Safety Queensland Notice 839(T)/2010 (AA496757)

Cancel this notice on receipt.

**Chart formerly affected – Aus 236 - AU428153****1250(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works completed**

*Former Notice* - 751(T)/2008 is cancelled

Maritime Safety Queensland Notice 963/2010 (AA503334)

Cancel this notice on receipt.

**Chart formerly affected – Aus 237****1251(T)/2010 AUSTRALIA - QUEENSLAND - Brisbane River - Pinkenba Reach - Dredging operations**

*Date* - Until 3 December 2010

Maritime Safety Queensland Notice 978(T)/2010 (AA502898)

The dredge *Ken Harvey* and support vessels *Sealion* and *Turtle* are conducting dredging operations in the vicinity of 27° 25'.77 S 153° 07'.15 E.

Vessels will monitor VHF Ch 12 and display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 238 - AU5237X8****1252(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Shoaling**

*Former Notice* - 774(T)/2007 is cancelled

Maritime Safety Queensland Notice 962(T)/2010 (AA502878)

Shoaling with a least depth of *1.7m* (LAT) exists within the western channel, close to the marina berths in the vicinity of 27° 11'.64 S 153° 06'.28 E.

Shoaling with a least depth of *0.8m* exists within the internal channel, approaching the eastern boat ramp.

Shoaling with a least depth of *2.2m* exists within the entrance channel, between beacon No7 and harbour breakwaters. Lesser depths exist close to the toe lines.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 236****1253(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Redcliffe - Scientific instrument recovered southeastwards**

*Former Notice* - 503(T)/2010 is cancelled

Maritime Safety Queensland Notice 963/2010 (AA503334)

Cancel this notice on receipt.

**Chart formerly affected – Aus 236 - AU428153**

**1254(T)/2010 AUSTRALIA - QUEENSLAND - Moreton Bay - Pumicestone Channel - Bellara - Wreck salvaged**

*Former Notice* - 504(T)/2010 is cancelled  
Maritime Safety Queensland Notice 963/2010 (AA503334)

Cancel this notice on receipt.

**Chart formerly affected – Aus 235 – Aus 236 - AU428153****1255(T)/2010 AUSTRALIA - QUEENSLAND - Caloundra - Harbour works completed**

*Former Notice* - 967(T)/2010 is cancelled  
Maritime Safety Queensland Notice 767(T)/2010 (AA493131)

Cancel this notice on receipt.

**Chart formerly affected – Aus 235 - AU427153****1256(T)/2010 AUSTRALIA - QUEENSLAND - Arkwright Point - Scientific instruments recovered northeastwards**

*Former Notice* - 1015(T)/2010 is cancelled  
Maritime Safety Queensland Notice 818(T)/2010 (AA495675)

Cancel this notice on receipt.

**Chart formerly affected – Aus 365****1257(T)/2010 AUSTRALIA - QUEENSLAND - Laird Point - Scientific instrument**

*Date* - Until 21 February 2011  
Maritime Safety Queensland Notice 975(T)/2010 (AA502495)

A special light beacon, *Fl. Y.2-5s*, exists in position 23° 44'.56 S 151° 10'.54 E.

**Chart temporarily affected – Aus 819****1258(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point - Harbour works**

*Date* - Until 31 March 2011  
Maritime Safety Queensland Notice 981(T)/2010 (AA503520)

The barge *Yarra 1* is conducting piling operations in the area bounded by the following positions:

23° 50'.13 S 151° 16'.00 E  
23° 50'.10 S 151° 16'.21 E  
23° 50'.18 S 151° 16'.45 E  
23° 50'.23 S 151° 16'.29 E.

The barge has deployed 4 anchors marked by light buoys.

The barge will display appropriate lights and symbols and will monitor VHF Ch 13 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 244 – Aus 245****1259(T)/2010 AUSTRALIA - QUEENSLAND - Gladstone - Curtis Island - Drilling operations completed**

*Former Notice* - 759(T)/2010 is cancelled  
Maritime Safety Queensland Notice 594(T)/2010 (AA480772)

Cancel this notice on receipt.

**Chart formerly affected – Aus 244 – Aus 245 - AU5244X5**

**1260(T)/2010 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations completed***Former Notice* - 1130(T)/2010 is cancelled

Maritime Safety Queensland Notices 895(T)/2010, 897(T)/2010, 911(T)/2010 (AA499285, AA499286, AA499504)

Cancel this notice on receipt.

**Chart formerly affected – Aus 250 - AU5250P2****1261(T)/2010 AUSTRALIA - QUEENSLAND - Hay Point - Scientific instruments recovered***Former Notice* - 1243(T)/2009 is cancelled

Maritime Safety Queensland Notice 707(T)/2009 (AA435460)

Cancel this notice on receipt.

**Chart formerly affected – Aus 249 – Aus 250 – Aus 823 – AX 0249E – AX 0823E - AU422149 - AU5250P2****1262(T)/2010 AUSTRALIA - QUEENSLAND - Freshwater Point to Slade Island - Scientific instruments recovered***Former Notice* - 222(T)/2010 is cancelled

Maritime Safety Queensland Notices 171/2010, 172/2010 (AA455890, AA455891)

Cancel this notice on receipt.

**Chart formerly affected - Aus 249 - Aus 250 - Aus 823 – AX 0249E – AX 0823E - AU422149 - AU5250P1****1263(T)/2010 AUSTRALIA - QUEENSLAND - Yorkeys Knob - Wreck***Former Notice* - 1196(T)/2010 is cancelled

Maritime Safety Queensland Notice 980(T)/2010 (AA503397)

A wreck exists in position 16° 46'.88 S 145° 42'.20 E.

**Chart temporarily affected - Aus 830****1264(T)/2010 AUSTRALIA - QUEENSLAND - Thursday Island - Depth information revoked***Former Notice* - 931(T)/2010 is cancelled

Maritime Safety Queensland Notice 700(T)/2010 (AA486499)

Cancel this notice on receipt.

**Chart formerly affected - Aus 293 - Aus 299****1265(T)/2010 PAPUA NEW GUINEA - Caution Bay - Drilling operations completed***Former Notice* - 972(T)/2010 is cancelled

National Maritime Safety Authority Notice 34/2010 (AA493389)

Cancel this notice on receipt.

**Chart formerly affected - Aus 379 - AU410146****1266(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Woodbine Bank to Johnson Bank - Seismic survey completed***Former Notice* - 975(T)/2010 is cancelled

Fugro Multi Client Services Pty Ltd (AA493386)

Cancel this notice on receipt.

**Chart formerly affected - Aus 314 - Aus 317 - Aus 319 – AX 0314F – AX 0317F – AX 0319F - AU313123**

**1267(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Drilling operations completed***Former Notice* - 1086(T)/2010 is cancelled

Department of Transport WA Notice 106/2010 (AA496797)

Cancel this notice on receipt.

**Chart formerly affected - Aus 324 - AU418122****1268(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Bedout Islet - Seismic survey northwards***Date* - Until 14 January 2011

Fugro Multi Client Services Pty Ltd (AA503347, AA503349)

MV *Geo Celtic*, with a 7050m towed array, and support vessel MV *Tanux I* are conducting survey operations in the area bounded by 18° 30'.0 S to 19° 00'.0 S and 118° 30'.0 E to 119° 00'.0 E.

**Chart temporarily affected - Aus 325 - Aus 326 - Aus 739****1269(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments***Former Notice* - 813(T)/2010 is cancelled*Date* - Until 30 November 2011

MetOcean Engineers (AA502880)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
20° 15'.56 S 118° 33'.37 E	5 poly floats
20° 15'.53 S 118° 33'.45 E	Fl(5)Y.20s
20° 13'.60 S 118° 30'.63 E	5 poly floats
20° 10'.62 S 118° 30'.50 E	5 poly floats
20° 08'.07 S 118° 23'.87 E	5 poly floats
20° 08'.05 S 118° 24'.15 E	5 poly floats
20° 08'.02 S 118° 24'.10 E	Fl(5)Y.20s
20° 07'.85 S 118° 24'.18 E	Fl(5)Y.20s
20° 07'.81 S 118° 24'.13 E	Fl(5)Y.20s and 5 poly floats

**Chart temporarily affected - Aus 52 - Aus 53 - Aus 54 - Aus 739 - Aus 740****1270(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Scientific instruments northwards***Former Notice* - 630(T)/2010 is cancelled*Date* - Until 31 May 2011

MetOcean Engineers (AA502482)

Special light buoys, Fl(5)Y.20s, exist in positions (WGS84 datum):

18° 45'.51 S 117° 01'.86 E  
 19° 31'.30 S 117° 03'.12 E  
 19° 31'.39 S 117° 03'.06 E.

**Chart temporarily affected - Aus 327 - Aus 741**

**1271(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northwestwards**

*Former Notice* - 1207(T)/2010 is cancelled

*Date* - Until 15 December 2010

Fugro Multi Client Services Pty Ltd (AA501545, AA503347, AA503349)

MV *Geo Atlantic*, with a 6600m towed array, and support vessel MV *Cassandra VI* are conducting a survey in the area bounded by the following positions (WGS84 datum):

18° 47'.70 S 116° 50'.08 E  
 19° 14'.92 S 116° 50'.08 E  
 19° 14'.92 S 116° 15'.08 E  
 19° 19'.92 S 116° 15'.08 E  
 19° 19'.92 S 116° 09'.10 E  
 19° 24'.92 S 116° 09'.10 E  
 19° 24'.92 S 115° 55'.08 E  
 18° 47'.70 S 115° 55'.08 E.

**Chart temporarily affected - Aus 327 - Aus 741****1272(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Regnard Bay - Platform; pipeline northwards**

*Former Notice* - 1030(T)/2010 is cancelled

*Date* - Until 28 February 2011

Apache Energy Ltd ((AA495350, AA493059, AA501959)

Pipelay vessel *Leighton Stealth* and support vessels are conducting pipelay operations between 20° 37'.09 S 116° 21'.01 E (WGS84 datum) and 20° 01'.43 S 116° 18'.57 E.

The Reindeer platform (20° 01'.43 S 116° 18'.57 E) will be established in mid February 2011.

A pipeline exists between the following positions:

20° 37'.09 S 116° 21'.01 E  
 20° 49'.48 S 116° 21'.13 E  
 20° 50'.42 S 116° 20'.94 E.

A 300m exclusion zone exists along the pipeline in depths <10m and 500m in depths >10m.

**Chart temporarily affected - Aus 327 - Aus 741 - Aus 742****1273(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Regnard Bay - Scientific instruments recovered**

*Former Notice* - 457(T)/2010 is cancelled

Cardno Lawson Treloar (AA503470)

Cancel this notice on receipt.

**Chart formerly affected - Aus 741 - Aus 742 - AU421116****1274(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instruments**

*Former Notice* - 394(T)/2010 is cancelled

*Date* - Until 30 April 2011

MetOcean Engineers (AA502894)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
19° 56'.12 S 115° 22'.85 E	subsurface
19° 56'.59 S 115° 22'.87 E	lit buoy, <i>F(5)Y.20s</i>
19° 56'.60 S 115° 23'.00 E	5 poly floats

**Chart temporarily affected - Aus 328**

**1275(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank to Serrurier Island - Survey and drilling operations**

*Date* - Until 30 November 2010

Advanced Geomechanics (AA502890), Department of Transport WA (AA503179)

MV *Silver Star* is conducting survey and drilling operations in the area bounded by 19° 55'.0 S to 21° 37'.0 S and 114° 43'.0 E to 115° 25'.0 E (WGS84 datum).

**Chart temporarily affected - Aus 63 - Aus 64 - Aus 328 - Aus 742 - Aus 744 - AU320114 - AU320115 - AU321114 - AU421115 - AU422114 - AU422115 - AU5X64P1**

**1276(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Drilling operations**

*Date* - Until 6 December 2010

Northern Territory Shipping Agencies (AA503432, AA503433)

Vessel *Fugro Synergy* is conducting drilling operations in the area bounded by 19° 45'.96 S to 19° 55'.73 S and 113° 05'.65 E to 113° 15'.35 E.

**Chart temporarily affected - Aus 4723**

**1277(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments**

*Former Notice* - 938(T)/2010 is cancelled

*Date* - Until 31 August 2011

MetOcean Engineers (AA502482)

Scientific instruments marked by special light buoys, *F(5)Y.20s*, exist in positions 21° 28'.41 S 115° 08'.41 E and 21° 28'.43 S 115° 08'.51 E (WGS84 datum).

**Chart temporarily affected - Aus 64 - Aus 328 - Aus 743**

**1278(T)/2010 AUSTRALIA - WESTERN AUSTRALIA - Ningaloo Reef - Scientific instruments recovered**

*Former Notice* - 1031(T)/2010 is cancelled

Australian Institute of Marine Science (AA494305)

Cancel this notice on receipt.

**Chart formerly affected - Aus 329 - Aus 745 - AU323113**

**1279(P)/2010 AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Thomson Bay - Nav aids**

*Date* - On or about 28 November 2010

Department of Transport WA Notice 129/2010 (AA502883)

Existing cardinal beacons, between 31° 59'.64 S 115° 32'.80 E and 31° 59'.78 S 115° 33'.08 E, will be altered to lit lateral beacons.

A starboard lateral light buoy (31° 59'.65 S 115° 32'.98 E) and a south cardinal light buoy (31° 59'.78 S 115° 33'.04 E) will be established.

The leading lights (*F.Bu*) in position 31° 59'.76 S 115° 32'.49 E will be permanently discontinued.

Mariners are advised to navigate with caution in the area.

**Chart which will be affected - Aus 112 – AX 63112 - AU432115**

**1280(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Goat Island - Light buoy off station**

Department for Transport, Energy and Infrastructure SA Notice 47/2010 (AA502761)

The north cardinal light buoy (32° 17'.9 S 133° 31'.6 E (WGS84 datum)) is off station.

**Chart temporarily affected - Aus 120**

**1281(T)/2010 AUSTRALIA - SOUTH AUSTRALIA - Rosalind Shoal - Scientific instrument recovered**

*Former Notice* - 876(T)/2010 is cancelled

South Australian Research and Development Institute (AA484984, AA485034)

Cancel this notice on receipt.

**Chart formerly affected - Aus 776 – AX 0776E - AU435136**

**1282(T)/2010 AUSTRALIA - BASS STRAIT - Drilling operations**

*Date* - Until 20 December 2010

Aventus Consulting (AA503337)

The drill rig *Kan Tan IV* will be conducting drilling operations at well *Silvereye-1* (39° 54'.33 S 145° 03'.41 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 487 - AU340145**

**1283(T)/2010 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Huon Island - Scientific instrument recovered**

*Former Notice* - 940(T)/2010 is cancelled

Marine and Safety Tasmania M89/2010 (AA489843)

Cancel this notice on receipt.

**Chart formerly affected - Aus 173 - Aus 795 - AU444147**

**1284(T)/2010 AUSTRALIA - TASMANIA - Five Mile Bluff - Scientific instruments recovered**

*Former Notice* - 726(T)/2010 is cancelled

Marine and Safety Tasmania Notice M74/2010 (AA478775)

Cancel this notice on receipt.

**Chart formerly affected - Aus 167 - Aus 799 - AU442146**

**1285(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Dredging operations**

*Date* - Until 4 December 2010

Victorian Notice 117(T)/2010 (AA502749)

Dredging operations are in progress in the vicinity of 38° 15'.69 S 144° 39'.99 E.

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 158 - AU439144 - AU5XX144**

**1286(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Dredging operations**

*Date* - Until 17 December 2010

Victorian Notice 119(T)/2010 (AA502893)

The dredge *Cornelis Zanen* is conducting dredging operations in the south east spoil ground (38° 15'.0 S 144° 57'.5 E) and the dredge material will be deposited in the Port of Melbourne spoil ground (38° 00'.5 S 144° 53'.0 E).

Updated information on the location of the dredge can be obtained from Melbourne VTS or Lonsdale VTS on VHF Ch 12.

The dredge can be contacted on VHF Ch 12.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 155 - Aus 158 - AU439144****1287(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Altona - Harbour works completed**

*Former Notice* - 944(T)/2010 is cancelled

Victorian Notice 79(T)/2010 (AA489842)

Cancel this notice on receipt.

**Chart formerly affected - Aus 155 - AU438144****1288(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works**

*Date* - Until 22December2010

Victorian Notice 121(T)/2010 (AA503547)

Harbour works are in progress at the Royal Yacht Club (37° 51'.54 S 144° 54'.55 E).

All hazards to navigation will display appropriate lights and symbols.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154 - Aus 155 - AU438144 - AU5XX154****1289(T)/2010 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Maribyrnong River - Harbour works**

*Date* - Until 10 December 2010

Victorian Notice 120(T)/2010 (AA503549)

Remediation works on berth No 1 (37° 49'.05 S 144° 54'.38 E) are in progress.

During this period the berth will be closed to shipping.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 154 - AU5XX154**

**1290(T)/2010 AUSTRALIA - BASS STRAIT - Drilling operations**

*Former Notice* - 687(T)/2010 is cancelled

Esso Australia Pty Ltd (AA473643, AA473644, AA475218)

The drill rig *Ocean Patriot* and support vessels *MV Coral* and *MV Tourmaline* are conducting drilling operations in the following positions:

38° 07'.22 S 148° 23'.16 E  
38° 10'.87 S 148° 35'.59 E  
38° 10'.86 S 148° 35'.59 E  
38° 10'.85 S 148° 35'.62 E  
38° 10'.85 S 148° 35'.63 E  
38° 34'.65 S 148° 21'.07 E.

A 500m safety zone exists at each location.

Anchors will be deployed and may exist up to 1500m from the mobile drilling unit, with a 4630m clearance zone requested.

*MV Rem Etive* is conducting the installation of subsea production wells.

Pipelines will be installed between Snapper (38° 11'.49 S 148° 01'.57 E) to Marlin B (38° 13'.81 S 148° 13'.34 E), Marlin B to West Tuna (38° 11'.41 S 148° 23'.39 E) and from West Tuna to Kipper (38° 10'.86 S 148° 35'.61 E).

**Chart temporarily affected - Aus 357 - Aus 487****1291(T)/2010 AUSTRALIA - VICTORIA - Ninety Mile Beach - Obstructions**

*Former Notice* - 458(T)/2007 is cancelled

Victorian Notice 51(T)/2007 (AA242065)

Suspended well heads exists within a 300m radius of position 38° 37'.65 S 146° 53'.75 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 357 - AU439146**

II

**HYDROGRAPHIC REPORTS**

Nil Reports

**NAVIGATION WARNINGS**

The following radio messages have been received during the period to 19 November 2010. 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**

- 276 AIS aid to navigation MMSI 995031022 on Herald Patches buoy in position 10° 30'.2 S 142° 21'.5 E unreliable.
- 277 Special purpose vessel *Pacific Explorer* conducting seismic survey towing six 3-8M cables in area bounded by 11° 37'.00 S to 12° 10'.00 S and 124° 13'.00 E to 124° 42'.00 E. 6M clearance requested.
- 278 Cancelled.
- 279 Cancelled.
- 280 Drill rig *Maersk Discoverer* in position 19° 14'.9 S 114° 12'.7 E. 2.5M clearance requested.
- 281 Lit mooring buoys, *Fl.4s*, in positions:  
 20° 03'.10 S 113° 36'.10 E  
 20° 03'.60 S 113° 36'.60 E  
 20° 05'.00 S 113° 36'.01 E  
 20° 04'.56 S 113° 35'.80 E  
 1M clearance requested.
- 282 FPSO Jabiru Venture permanently departed station. Riser turret mooring remains in position 11° 55'.5 S 125° 00'.4 E. Marked by racon (U) and 2 lights Mo(U)Y.

**NAVAREA X WARNINGS**

- 010 Mariners are advised that ECDIS may not display some isolated shoal depths when operating in base or standard display mode. Route planning and monitoring alarms for these shoal depths may not always be activated. Mariners using ECDIS are reminded not to rely solely on automated voyage planning and monitoring checks and alarms. The existence of these issues highlights the importance of maintaining ECDIS software to ensure that the operational capability and reliability are maintained. It is recommended that appropriate checks are made with the equipment manufacturer. This is of particular importance where ECDIS is the only source of chart information available to the mariner.

**Navigational warnings in force as at 190001UTC NOV 10.****Auscoast**

247 248 253 257 259 260 271 272 274 275 276 277 280 281 282

**Navarea X**

010

**Summary of mobile drilling rigs as at 190001UTC NOV 10.**

<i>Name</i>	<i>Position</i>
EnSCO 109	20° 17'.23 S 116° 16'.31 E
Stena Clyde	20° 36'.50 S 114° 54'.40 E
Ocean America	19° 23'.59 S 114° 18'.43 E
Maersk Discoverer	19° 14'.90 S 114° 12'.70 E
Ocean Epoch	21° 34'.30 S 114° 09'.77 E
Nan Hai 6	21° 26'.70 S 113° 58'.15 E
Jack Bates	20° 04'.24 S 113° 46'.46 E
Ocean Patriot	38° 07'.02 S 148° 23'.01 E

**NAVAREA XIV WARNINGS**

039 Cancelled.  
040 Cancelled.  
041 Cancelled.  
042 Cancelled.  
043 Cancelled.  
044 Cancelled.  
045 Cancelled.  
046 Cancelled.

047 As previously notified by NAVAREA warning, Mariners using ECDIS are reminded not to rely solely on automated voyage planning and monitoring checks and alarms. Some ECDIS appear only to undertake route check functions on larger scale ENCs and therefore alarms might not activate. This may not be clearly indicated on the ECDIS display. Mariners should always undertake careful visual inspection of the entire planned route using the 'other / all' display mode to confirm that it, and any deviations from it, is clear of dangers.

Recent preliminary investigation indicates that some ECDIS may not display certain combinations of chart features and attributes correctly and on rare occasions may fail to display a navigationally significant feature. This appears to be caused by anomalous behaviour in some ECDIS software, especially early versions. The existence of such anomalies highlights the importance of maintaining ECDIS software to ensure that operational capability and reliability are maintained. It is recommended that appropriate checks are made with the equipment manufacturer. This is of particular importance where ECDIS is the only source of chart information available to the Mariner.

The International Hydrographic Organization (IHO) is investigating these matters in consultation with ECDIS equipment manufacturers. Further information will be made available through notices to Mariners.

**Navarea XIV warnings in force as at 190001UTC NOV 10.**

019 038 047