



16 December 2011

Edition 25

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

AUSTRALIAN NOTICES TO MARINERS

Notices 1294 – 1347 



*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 2012.*



Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

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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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1294 AUSTRALIA - Product

Australian Hydrographic Service (AA571322)

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 133	16/12/2011	Australia - South Coast - Plans in South Australia - (Sheet 3) Wallaroo 33° 52'.27 S - 33° 57'.56 S 137° 30'.73 E - 137° 38'.14 E Port Lincoln 34° 41'.60 S - 34° 43'.35 S 135° 51'.21 E - 135° 54'.42 E <i>New chart providing improved coverage of Port Lincoln and Wallaroo.</i>	1:17 500 1:7 500	Aus 5001	\$35.00
Aus 135	16/12/2011	Australia - South Coast - Plans in South Australia - (Sheet 4) Port Bonython 32° 59'.30 S - 33° 02'.25 S 137° 42'.66 E - 137° 47'.90 E Whyalla 33° 00'.54 S - 33° 04'.00 S 137° 34'.87 E - 137° 39'.06 E <i>New chart providing improved coverage of Port Bonython and Whyalla.</i>	1:12 500 1:10 000	Aus 5001	\$35.00
Aus 346	16/12/2011	Australia - South Coast - South Australia - Kangaroo Island (South Coast) 35° 50'.0 S - 37° 26'.0 S 135° 22'.0 E - 138° 30'.0 E <i>New metric chart referred to WGS84 datum and LAT; including the latest surveys.</i>	1:300 000	Aus 5001	\$35.00
Aus 448 (INT 9038)	16/12/2011	Australian Antarctic Territory - Kirkby Head to Magnet Bay 64° 38'.0 S - 67° 47'.0 S 45° 00'.0 E - 57° 21'.0 E <i>New metric chart referred to WGS84 datum and LAT; including the latest surveys. Part of 0.5M international series.</i>	1:500 000	Aus 5001	\$35.00

New Edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 839	Australia - East Coast - Queensland - Cairncross Islets to Arden Island	1:150 000	13 January 2011

Chart permanently withdrawn

<i>Chart</i>	<i>On publication of new chart</i>
Aus 346	Aus 346

Chart permanently withdrawn without replacement

<i>Chart</i>	<i>On publication of new chart</i>
Aus 402	Aus 448

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.

1295* AUSTRALIA - NEW SOUTH WALES - East Boyd Bay - Naval waters

Australian Hydrographic Service (AA571315, AA571316)

Aus 192 [586/2011]Insert magenta dashed line with legend, *Naval Waters*,
between

37° 06'.620 S	149° 55'.085 E
37° 06'.095 S	149° 55'.215 E
37° 06'.180 S	149° 55'.700 E

Aus 192 (plan, East Boyd Bay Wharves)Insert magenta dashed line with legend, *Naval Waters*,
between

37° 06'.620 S	149° 55'.085 E
37° 06'.095 S	149° 55'.215 E
37° 06'.180 S	149° 55'.700 E

1296* AUSTRALIA - NEW SOUTH WALES - Dunbar Head - Artificial reef

Department of Primary Industries (AA570418)

Aus 197 [1236/2011]Insert depth, 26m, enclosed by danger circle with legend,
Obstn

33° 50'.80 S	151° 17'.99 E
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Aus 200 [1235/2011]Insert depth, 26m, enclosed by danger circle with legend,
Obstn

33° 50'.797 S	151° 17'.988 E
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Aus 808 [1234/2011]Insert depth, 26m, enclosed by danger circle with legend,
Obstn

33° 50'.80 S	151° 17'.99 E
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Aus 809 [1236/2011]Insert depth, 26m, enclosed by danger circle with legend,
Obstn

33° 50'.80 S	151° 17'.99 E
--------------	---------------

AX 0808E [1234/2011]Insert depth, 26m, enclosed by danger circle with legend,
Obstn

33° 50'.80 S	151° 17'.99 E
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AX 0809E [1236/2011]Insert depth, 26m, enclosed by danger circle with legend,
Obstn

33° 50'.80 S	151° 17'.99 E
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AX 63200 [1235/2011]Insert depth, 26m, enclosed by danger circle with legend,
Obstn

33° 50'.797 S	151° 17'.988 E
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1297* AUSTRALIA - NEW SOUTH WALES - Port Jackson - The Sound - Depth

Australian Hydrographic Service (AA571190)

Aus 200 [1296/2011]*On certain copies only*Delete depth, 14₂m, and enclosing contour

33° 49'.10 S	151° 16'.76 E
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AX 63200 [1296/2011]Delete depth, 14₂m, and enclosing contour

33° 49'.10 S	151° 16'.76 E
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1298* AUSTRALIA - QUEENSLAND - Brisbane River - Whyte Island - Infrastructure*Former Notice - 560(T)/2010 is cancelled*

Maritime Safety Queensland (AA552263, AA552266)

Aus 237 [1001/2011]

Insert	accompanying block	27° 24'.0 S	153° 09'.9 E
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1299* AUSTRALIA - QUEENSLAND - Brisbane River - Pinkenba Reach - Berth pocket

Maritime Safety Queensland Notice 1145/2011 (AA569320)

Aus 238 [1002/2011]

Insert	accompanying block	27° 25'.8 S	153° 07'.2 E
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1300* AUSTRALIA - QUEENSLAND - Sandy Cape - Wreck northwards

Maritime Safety Queensland (AA569939)

Aus 816 [844/2011]

Substitute	depth, 57m, for depth, 54m	24° 23'.7 S	153° 15'.1 E
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Aus 818 [844/2011]

Substitute	depth, 57m, for depth, 54m	24° 23'.7 S	153° 15'.1 E
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1301* AUSTRALIA - QUEENSLAND - Gladstone - Fishermans Landing Wharves - Reclamation*Former Notice - 163(T)/2011 is cancelled*

Maritime Safety Queensland (AA562300, AA562301)

Aus 244 (plan, Fishermans Landing Wharves) [957/2011]

Insert	accompanying block	23° 47'.0 S	151° 10'.0 E
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Aus 245 [957/2011]

Insert	accompanying block	23° 46'.5 S	151° 09'.5 E
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Aus 819 [845/2011]

Insert	accompanying block	23° 46'.5 S	151° 12'.5 E
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1302* PAPUA NEW GUINEA - Lou Island - Legend

Australian Hydrographic Service (AA569918)

Aus 391 [NC 4/11/2011]

Delete	legend, (28)	2° 19'.5 S	147° 18'.5 E
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1303* AUSTRALIA - TORRES STRAIT - Flinders Passage - Tuesday Islets - No 4 Islet - Light

UKHO (AA570716)

Aus 292 [1180/2011]

Amend	light range to 10/7M	10° 33'.2 S	142° 19'.8 E
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1304* AUSTRALIA - QUEENSLAND - Red Island Point - Light buoys repositioned; anchoring prohibited area
Maritime Safety Queensland Notice 1213/2011 (AA570594)

Aus 294 (plan, Approaches to Red Island Point) [1183/2011]

Insert	anchoring prohibited area, between	10° 50'.890 S	142° 21'.870 E
		10° 50'.958 S	142° 21'.850 E
		10° 50'.958 S	142° 21'.780 E
		10° 50'.842 S	142° 21'.755 E
		10° 50'.380 S	142° 22'.118 E
		10° 50'.199 S	142° 22'.149 E
		10° 49'.851 S	142° 21'.300 E
		10° 49'.807 S	142° 21'.322 E
		10° 50'.185 S	142° 22'.287 E
		10° 50'.403 S	142° 22'.179 E
		10° 50'.870 S	142° 21'.878 E
Move	light buoy to light buoy to	10° 50'.15 S	142° 22'.14 E
		10° 50'.141 S	142° 22'.179 E
		10° 50'.19 S	142° 22'.14 E
		10° 50'.199 S	142° 22'.149 E

1305* AUSTRALIA - TORRES STRAIT - Endeavour Strait - Depths
HMAS *Mermaid* and HMAS *Paluma* (DHDB 1672898)

Aus 294 [1304/2011]

Insert	depth, 7 ₁ m, enclosed by contour	10° 50'.76 S	142° 02'.50 E
	depth, 7 ₈ m, and extend contour NE to enclose	10° 53'.91 S	142° 06'.19 E

Aus 301 [1242/2011]

Insert	depth, 7 ₈ m, and extend contour NE to enclose	10° 53'.82 S	142° 06'.25 E
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Aus 376 [1242/2011]

Insert	depth, 7 ₈ m, and extend contour NE to enclose	10° 53'.82 S	142° 06'.25 E
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Aus 700 [1242/2011]

Insert	depth, 7 ₁ m, enclosed by contour	10° 50'.67 S	142° 02'.56 E
	depth, 7 ₈ m, and extend contour NE to enclose	10° 53'.82 S	142° 06'.25 E

1306* AUSTRALIA - NORTHERN TERRITORY - Darwin - Depths
Darwin Port Corporation, Geoscience Australia (DHDB 1969099)

Aus 24 [959/2011]

Insert	depth, 9 ₃ m, enclosed by contour	12° 31'.937 S	130° 50'.893 E
	depth, 8 ₈ m, enclosed by contour	12° 29'.119 S	130° 49'.752 E
	depth, 13 _m	12° 29'.856 S	130° 49'.588 E
Substitute	depth, 9 ₅ m, enclosed by contour for depth, 11 ₁ m	12° 30'.87 S	130° 50'.67 E
	depth, 0 ₁ m, enclosed by contour for depth, 0 ₉ m	12° 31'.97 S	130° 51'.53 E
	depth, 14 ₈ m, enclosed by contour for depth, 15 ₄ m	12° 30'.33 S	130° 50'.01 E
Delete	depth, 13 ₈ m	12° 29'.86 S	130° 49'.58 E

1306* AUSTRALIA - NORTHERN TERRITORY - Darwin – Depths (continued)**Aus 26 [1184/2011]**

Insert	depth, 9 ₅ m, and extend contour W to enclose	12° 30'.868 S	130° 50'.666 E
	depth, 8 ₈ m, enclosed by contour	12° 29'.119 S	130° 49'.752 E
	depth, 1 ₈ m, enclosed by contour	12° 29'.932 S	130° 54'.627 E
	depth, 0 ₃ m, enclosed by contour	12° 27'.107 S	130° 46'.270 E
	depth, 2m, enclosed by contour	12° 24'.843 S	130° 45'.123 E
	depth, 0 ₈ m, enclosed by contour	12° 23'.037 S	130° 47'.987 E
	depth, 3m, and extend contour NE to enclose	12° 23'.560 S	130° 47'.935 E
	depth, 4 ₄ m, enclosed by contour	12° 22'.692 S	130° 46'.401 E

Substitute	depth, 9 ₃ m, for depth, 9m	12° 31'.94 S	130° 50'.89 E
	depth, 13m, for depth, 13 ₈ m	12° 29'.86 S	130° 49'.59 E
	depth, 2 ₂ m, for depth, 3 ₅ m	12° 28'.31 S	130° 47'.20 E
	depth, 7 ₉ m, for depth, 9 ₃ m	12° 28'.80 S	130° 47'.87 E
	depth, 3 ₉ m, for depth, 4 ₆ m	12° 24'.10 S	130° 47'.44 E
	depth, 9 ₈ m, enclosed by contour for depth, 10 ₆ m	12° 21'.46 S	130° 44'.02 E

Delete	depth, 9 ₆ m	12° 30'.88 S	130° 50'.73 E
	depth, 10 ₅ m	12° 29'.12 S	130° 49'.66 E
	depth, 4 ₅ m	12° 27'.03 S	130° 46'.23 E
	depth, 3 ₃ m	12° 24'.91 S	130° 45'.19 E
	depth, 6 ₃ m	12° 22'.74 S	130° 46'.35 E
	depth, 0 ₂ m	12° 23'.10 S	130° 48'.02 E
	depth, 4 ₂ m	12° 23'.62 S	130° 47'.87 E

Aus 27 [1422/2009]

Insert	depth, 9 ₃ m, enclosed by contour	12° 31'.937 S	130° 50'.893 E
Substitute	depth, 9 ₅ m, enclosed by contour for depth, 11 ₁ m	12° 30'.87 S	130° 50'.67 E
	depth, 0 ₁ m, enclosed by contour for depth, 0 ₉ m	12° 31'.97 S	130° 51'.53 E
	depth, 14 ₈ m, enclosed by contour for depth, 15 ₄ m	12° 30'.33 S	130° 50'.01 E

Aus 28 [1184/2011]

Insert	depth, 1 ₈ m, enclosed by contour	12° 29'.932 S	130° 54'.627 E
	depth, 1 ₄ m, enclosed by contour	12° 30'.119 S	130° 53'.670 E
	depth, 1 ₅ m, enclosed by contour	12° 30'.742 S	130° 54'.177 E
Substitute	depth, 9 ₅ m, enclosed by contour for depth, 11 ₁ m	12° 30'.87 S	130° 50'.67 E
Delete	depth, 2 ₅ m	12° 29'.93 S	130° 54'.61 E
	depth, 4 ₂ m	12° 30'.72 S	130° 54'.17 E

Aus 722 [959/2011]

Substitute	depth, 0 ₈ m, enclosed by contour for depth, 0 ₂ m	12° 23'.0 S	130° 48'.0 E
	depth, 3m, for depth, 4 ₂ m	12° 23'.6 S	130° 47'.9 E

1306* AUSTRALIA - NORTHERN TERRITORY - Darwin – Depths (continued)**AX 72026 [1184/2011]**

Insert	depth, 8_m , enclosed by contour	12° 29'.119 S	130° 49'.752 E
	depth, 9_m , and extend contour W to enclose	12° 30'.868 S	130° 50'.667 E
	depth, 1_m , enclosed by contour	12° 29'.932 S	130° 29'.932 E
	depth, 0_m , enclosed by contour	12° 27'.107 S	130° 46'.270 E
	depth, 2_m , enclosed by contour	12° 24'.843 S	130° 45'.123 E
	depth, 0_m , enclosed by contour	12° 23'.037 S	130° 47'.987 E
	depth, 3_m , and extend contour NE to enclose	12° 23'.560 S	130° 47'.935 E
	depth, 4_m , enclosed by contour	12° 22'.692 S	130° 46'.401 E
Substitute	depth, 9_m , for depth, 9_m	12° 31'.94 S	130° 50'.89 E
	depth, 13_m , for depth, 13_m	12° 29'.86 S	130° 49'.59 E
	depth, 2_m , for depth, 3_m	12° 28'.31 S	130° 4'.20 E
	depth, 7_m , for depth, 9_m	12° 28'.80 S	130° 47'.87 E
	depth, 3_m , for depth, 4_m	12° 24'.10 S	130° 47'.44 E
	depth, 9_m , enclosed by contour for depth, 10_m	12° 21'.46 S	130° 44'.02 E
Delete	depth, 10_m	12° 29'.12 S	130° 49'.66 E
	depth, 9_m	12° 30'.88 S	130° 50'.73 E
	depth, 4_m	12° 27'.03 S	130° 46'.23 E
	depth, 3_m	12° 24'.91 S	130° 45'.19 E
	depth, 6_m	12° 22'.74 S	130° 46'.35 E
	depth, 0_m	12° 23'.10 S	130° 48'.02 E
	depth, 4_m	12° 23'.62 S	130° 47'.87 E

AX 72722 [959/2011]

Substitute	depth, 0_m , enclosed by contour for depth, 0_m	12° 23'.0 S	130° 48'.0 E
	depth, 3_m , for depth, 4_m	12° 23'.6 S	130° 47'.9 E

1307* AUSTRALIA - WESTERN AUSTRALIA - Mary Anne Group - Mooring buoy

Department of Transport WA (AA571352, AA571353)

Aus 327 [1248/2011]

Insert	lit yellow mooring buoy, <i>Fl.Y.1-5s</i>	21° 21'.0 S	115° 30'.0 E
Delete	depth, 7_m	21° 20'.9 S	115° 29'.9 E

Aus 328 [1248/2011]

Insert	lit yellow mooring buoy, <i>Fl.Y.1-5s</i>	21° 21'.0 S	115° 30'.0 E
Delete	depth, 7_m	21° 20'.9 S	115° 29'.9 E

Aus 743 [1190/2011]

Insert	lit yellow mooring buoy, <i>Fl.Y.1-5s</i>	21° 21'.0 S	115° 30'.0 E
Delete	depth, 7_m	21° 20'.9 S	115° 29'.9 E

1308* AUSTRALIA - WESTERN AUSTRALIA - Gascoyne River - Light beacon

Australian Hydrographic Service (AA570639)

Aus 73 (plan, Carnarvon) [1191/2011]

Delete	light beacon	24° 53'.80 S	113° 38'.88 E
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1309* AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island - Nav aids

Department of Transport WA (AA86991, AA570342 - AA570350, AA571065)

Aus 112 [903/2011]

Insert	north cardinal spar light buoy, <i>Q</i> , with topmark	31° 58'.963 S	115° 31'.254 E
	light, <i>F.Bu</i>	32° 01'.144 S	115° 31'.661 E
	light, <i>F.Bu</i>	32° 01'.222 S	115° 31'.817 E
	a dashed line in a direction 120.2° for a distance of 500m, thence a continuous line for 2200m, with legend 300.2°, emanating from light	32° 01'.144 S	115° 31'.661 E
	light, <i>F.Bu</i>	31° 59'.313 S	115° 31'.550 E
	light, <i>F.Bu</i>	31° 59'.294 S	115° 31'.625 E
	a dashed line in a direction 073.4° for a distance of 700m, thence a continuous line for 1800m, with legend 253.4°, emanating from light	31° 59'.313 S	115° 31'.550 E
	danger line, between	32° 01'.302 S	115° 31'.974 E
		32° 01'.404 S	115° 31'.998 E
Substitute	light, <i>F.Bu</i> , for beacon	31° 59'.56 S	115° 30'.43 E
	light, <i>F.Bu</i> , for beacon	31° 59'.38 S	115° 30'.80 E
	light, <i>F.Bu</i> , for beacon	31° 59'.36 S	115° 30'.85 E
	starboard lateral light beacon, <i>Fl.G.3s</i> , with topmark for beacon	31° 59'.22 S	115° 31'.91 E
	starboard lateral light beacon, <i>Fl.G.3s</i> , with topmark for beacon	31° 59'.14 S	115° 32'.19 E
	port lateral light beacon, <i>Fl.R.3s</i> , with topmark for beacon	31° 59'.14 S	115° 32'.27 E
	north cardinal light beacon, <i>Q</i> , with topmark for beacon	31° 59'.15 S	115° 32'.41 E
	port lateral spar light buoy, <i>Fl.R.3s</i> , without topmark for beacon	31° 59'.12 S	115° 31'.37 E
Delete	buoy	31° 59'.00 S	115° 31'.23 E
	danger line, between	32° 01'.30 S	115° 31'.97 E
		32° 01'.31 S	115° 32'.01 E
		32° 01'.36 S	115° 32'.01 E

1309* AUSTRALIA - WESTERN AUSTRALIA - Rottnest Island – Nav aids (continued)**AX 63112 [903/2011]**

Insert	north cardinal spar light buoy, <i>Q</i> , with topmark	31° 58'.963 S	115° 31'.254 E
	light, <i>F.Bu</i>	32° 01'.144 S	115° 31'.661 E
	light, <i>F.Bu</i>	32° 01'.222 S	115° 31'.817 E
	a dashed line in a direction 120.2° for a distance of 500m, thence a continuous line for 2200m, with legend 300.2°, emanating from light	32° 01'.144 S	115° 31'.661 E
	light, <i>F.Bu</i>	31° 59'.313 S	115° 31'.550 E
	light, <i>F.Bu</i>	31° 59'.294 S	115° 31'.625 E
	a dashed line in a direction 073.4° for a distance of 700m, thence a continuous line for 1800m, with legend 253.4°, emanating from light	31° 59'.313 S	115° 31'.550 E
	danger line, between	32° 01'.302 S	115° 31'.974 E
		32° 01'.404 S	115° 31'.998 E
Substitute	light, <i>F.Bu</i> , for beacon	31° 59'.56 S	115° 30'.43 E
	light, <i>F.Bu</i> , for beacon	31° 59'.38 S	115° 30'.80 E
	light, <i>F.Bu</i> , for beacon	31° 59'.36 S	115° 30'.85 E
	starboard lateral light beacon, <i>Fl.G.3s</i> , with topmark for beacon	31° 59'.22 S	115° 31'.91 E
	starboard lateral light beacon, <i>Fl.G.3s</i> , with topmark for beacon	31° 59'.14 S	115° 32'.19 E
	port lateral light beacon, <i>Fl.R.3s</i> , with topmark for beacon	31° 59'.14 S	115° 32'.27 E
	north cardinal light beacon, <i>Q</i> , with topmark for beacon	31° 59'.15 S	115° 32'.41 E
	port lateral spar light buoy, <i>Fl.R.3s</i> , without topmark for beacon	31° 59'.12 S	115° 31'.37 E
Delete	buoy	31° 59'.00 S	115° 31'.23 E
	danger line, between	32° 01'.30 S	115° 31'.97 E
		32° 01'.31 S	115° 32'.01 E
		32° 01'.36 S	115° 32'.01 E

1310* AUSTRALIA - SOUTH AUSTRALIA - Point Sinclair to Eyre Island - Marine farms

Primary Industries and Regions SA (DHDB 1955512)

Aus 120 [966/2011]

Insert	marine farm symbol with legend, (see Note), centred on	32° 20'.98 S	133° 54'.81 E
	marine farm symbol with legend, (see Note), centred on	32° 20'.17 S	133° 52'.82 E
	marine farm symbol with legend, (see Note), centred on	32° 21'.39 S	133° 53'.36 E
	marine farm symbol with legend, (see Note), centred on	32° 22'.05 S	133° 51'.73 E
	marine farm symbol with legend, (see Note), centred on	32° 15'.68 S	133° 45'.49 E
	marine farm symbol with legend, (see Note), centred on	32° 14'.87 S	133° 41'.34 E
Delete	marine farm, centred on	32° 16'.6 S	133° 31'.4 E
	marine farm, centred on	32° 17'.4 S	133° 31'.2 E

Aus341 [487/2010]

Substitute	marine farm symbol, for depth, 7 ₃ m	32° 05'.6 S	132° 59'.8 E
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1311* AUSTRALIA - VICTORIA - Warrnambool - Depths

Redborough Mapping Service (DHDB 1920452)

Aus 141 [1254/2011]

Insert	accompanying block	38° 24'.5 S	142° 29'.5 E
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1312* AUSTRALIA - VICTORIA - Port Phillip - Chart note; anchorage

Australian Hydrographic Service (AA571250, AA571251), UKHO (AA570701, AA570704)

Aus 143 [1258/2011]

Substitute	accompanying note	37° 57'.5 S	144° 31'.0 E
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Delete	anchorage	38° 16'.4 S	144° 43'.9 E
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Aus 144 [1016/2011]

Insert	accompanying note	38° 16'.4 S	144° 36'.0 E
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Aus 158 [1016/2011]

Substitute	accompanying note	38° 12'.8 S	144° 32'.7 E
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1313* AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Light beacon

Parks Victoria (AA570116, AA570117), Victorian Notice 139/2011 (AA569524)

Aus 143 [1312/2011]

Insert	light, <i>Fl.G.5s</i>	37° 51'.64 S	144° 57'.66 E
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Delete	light beacon	37° 51'.64 S	144° 57'.59 E
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Aus 155 [1137/2011]

Amend	light to <i>Fl.G.5s</i>	37° 51'.64 S	144° 57'.66 E
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Aus 155 (plan, St Kilda)

Substitute	starboard lateral light beacon, <i>Fl.G.5s 6m 3M</i> , without topmark for light beacon	37° 51'.64 S	144° 57'.66 E
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1314* AUSTRALIA - VICTORIA - Port Phillip - Blairgowrie to Rye - Light buoys

Victorian Notice 138/2011 (AA569523)

Aus 143 (plan, Blairgowrie) [1313/2011]

Insert	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 21'.015 S	144° 46'.115 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 21'.265 S	144° 46'.565 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 21'.305 S	144° 46'.695 E

Aus 158 [1312/2011]

Insert	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 19'.930 S	144° 46'.400 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 21'.015 S	144° 46'.115 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 21'.305 S	144° 46'.695 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 21'.335 S	144° 46'.985 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 20'.950 S	144° 47'.065 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 21'.610 S	144° 49'.130 E
	special cylindrical light buoy, <i>Mo(B)Y.15s</i> , without topmark	38° 20'.630 S	144° 49'.375 E
Delete	depth, 16 ₆ m	38° 21'.35 S	144° 46'.95 E
	depth, 12 ₂ m	38° 21'.63 S	144° 49'.15 E

1315* AUSTRALIA - SOUTH AUSTRALIA - Lakes Entrance - Light

Australian Hydrographic Service (AA571562)

Aus 182 (plan, Lakes Entrance) [1260/2011]

Amend	light range to 12M	37° 52'.84 S	147° 57'.85 E
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1316(T)/2011 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Raft removed

Former Notice - 1262(T)/2011 is cancelled
Department of Defence (AA565572)

Cancel this notice on receipt.

Chart formerly affected – Aus 193 – Aus 807 – Aus 808 – AX 0808E – AX 60193 – AX 67192 – AX 70193

1317(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Hacking - Hungry Point to Gogerlys Point - Shoaling

NSW Maritime Notice SU1110/2011 (AA12869)

Shoaling exists between Hungry Point (34° 04'.40 S 151° 08'.88 E) and Gogerlys Point (34° 04'.30 S 151° 06'.36 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 198

1318(T)/2011 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Georges River - Taren Point - Harbour works

Date - Until 31 March 2012

NSW Maritime Notice SU1109/2011 (AA572351)

Maintenance works on Captain Cook Bridge are in progress (34° 00'.45 S 151° 07'.65 E).

Only the centre span of the bridge will remain open to vessels and the two spans closed to vessels will be marked by lights and shapes. Special light buoys exist 150m upstream and downstream of the affected spans of the bridge.

The barge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 198

1319(T)/2011 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Sow and Pigs - Beacon destroyed

Roads and Maritime Services NSW (AA572337)

The north cardinal beacon (33° 50'.16 S 151° 16'.21E) has been destroyed; a north cardinal buoy exists in situ.

Chart temporarily affected – Aus 200 – Aus 201 – AX 6201F

1320(T)/2011 AUSTRALIA - NEW SOUTH WALES - Long Reef Point - Scientific instruments recovered

Former Notice - 751(T)/2011 is cancelled

Manly Hydraulics Laboratory (AA571762)

Cancel this notice on receipt.

Chart formerly affected – Aus 197 – Aus 809 – AX 0809E

1321(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notice - 1265(T)/2011 is cancelled

Brisbane Port Corporation (AA572523)

Available depths and under keel clearances (UKC) at 15 December 2011:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
Fisherman Islands No10	13.9	
* Fisherman Islands No9	13.9	
Fisherman Islands No8	14.0	
Fisherman Islands No7	14.0	
Fisherman Islands No6	14.1	
Fisherman Islands No5	14.0	
Fisherman Islands No4	13.9	
Fisherman Islands No3	14.0	
* Fisherman Islands No2	14.0	
* Fisherman Islands No1	13.9	
Fisherman Islands Grain and Woodchip	13.2	
* Caltex Fisherman Islands	14.6	
Fisherman Islands Coal	14.0	
Fisherman Islands General Purpose	11.5	
BP Luggage Point	14.0	
Caltex Products	9.8	
Cement Australia Co Wharf	9.8	
BP Products	10.8	
Shell	10.9	
Pacific Terminals	10.8	
Incitec North	10.0	
* Incitec South	10.0	
* Pinkenba 1	10.4	
* Pinkenba 2	10.4	
Riverside Marina	-	
Sugar Terminal	9.7	
Cairncross Fitting Out Wharf	8.0	
Cairncross Breasting Wharf	6.3	
Brisbane Naval Wharf	-	
Maritime No3	5.6 (not maintained)	
* Maritime No2	8.6	
Maritime No1	9.1	
Hamilton No4	10.0	
* Hamilton No1	8.9	
* Brisbane Cruise Ship Terminal	8.9	

	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay :</i>		
North East Channel	5.5	1.5
* North West Channel	14.8	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	13.2	1.3
Pelican Banks Reach to Hamilton Reach	9.0	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.0	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.0	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

1322(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Coochiemudlo Island - Wreck
Maritime Safety Queensland Notice 1220(T)/2011 (AA571709)

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 27° 34'.51 S 153° 19'.92 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

1323(T)/2011 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Ningi Creek - Beacons destroyed
Maritime Safety Queensland Notice 1221(T)/2011 (AA571614)

The port lateral beacons (27° 03'.50 S 153° 07'.25 E and 27° 03'.58 S 153° 06'.54 E) have been destroyed.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

1324(T)/2011 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations
Maritime Safety Queensland Notices 1238(T)/2011, 1241(T)/2011 (AA571938, AA572340)

Shoaling with a least depth of *1m* exists between positions 26° 40'.74 S 153° 07'.95 E, 26° 40'.73 S 153° 07'.94 E and 26° 40'.75 S 153° 07'.91 E.

The dredge *Navua* is conducting dredging operations at the entrance to Mooloolah River (26° 40'.75 S 153° 07'.90 E).

The dredge will monitor VHF Ch 12, Ch 16 and UHF Ch 25.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 235

1325(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations
Date - Until 20 January 2012
Maritime Safety Queensland Notice 1235(T)/2011 (AA571773)

The dredge *Brisbane* is conducting dredging operations in and around the main channels of Gladstone harbour.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 13 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 244 – Aus 245 – Aus 246

1326(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island - Obstructions removed
Former Notice - 816(T)/2011 is cancelled
Maritime Safety Queensland Notice 1212/2011 (AA571626)

Cancel this notice on receipt.

Chart formerly affected – Aus 245

1327(P)/2011 AUSTRALIA - QUEENSLAND - Victor Island - Mooring buoys to be established

Date - On or about 15 January 2012

Maritime Safety Queensland Notice 1240(T)/2011 (AA572201, AA572259, AA572260)

Mooring buoys will be established as follows:

21° 19'.97 S 149° 23'.04 E	21° 19'.98 S 149° 23'.29 E
21° 20'.00 S 149° 23'.58 E	21° 20'.14 S 149° 22'.85 E
21° 20'.14 S 149° 23'.08 E	21° 20'.22 S 149° 23'.34 E
21° 20'.37 S 149° 22'.62 E	21° 20'.38 S 149° 22'.84 E
21° 20'.43 S 149° 23'.12 E	21° 20'.57 S 149° 22'.39 E
21° 20'.59 S 149° 22'.65 E	21° 20'.63 S 149° 22'.90 E
21° 20'.78 S 149° 22'.46 E	21° 20'.83 S 149° 22'.69 E
21° 20'.98 S 149° 22'.23 E	21° 21'.02 S 149° 22'.48 E
21° 21'.16 S 149° 22'.00 E	21° 21'.22 S 149° 22'.27 E.

Chart which will be affected – Aus 249 – Aus 823 – AX 0249E – AX 0823E

1328(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations completed

Former Notice - 1214(T)/2011 is cancelled

Maritime Safety Queensland Notices 1043(T)/2011, 1236/2011 (AA564684, AA571937)

Cancel this notice on receipt.

Chart formerly affected – Aus 256 – Aus 257

1329(T)/2011 AUSTRALIA - QUEENSLAND - Magnetic Island - Picnic Bay - Harbour works completed

Former Notice - 1035(T)/2011 is cancelled

Maritime Safety Queensland Notice (AA571739)

Cancel this notice on receipt.

Chart formerly affected – Aus 256

1330(T)/2011 AUSTRALIA - QUEENSLAND - Palm Isles to Torres Strait - Two-way route symbology altered

Former Notice - 1217(P)/2011 is cancelled

Australian Hydrographic Service (AA567145)

Cancel this notice on receipt.

Chart formerly affected – Aus 258 – Aus 262 – Aus 270 – Aus 281 – Aus 292 – Aus 299 – Aus 376 – Aus 377 – Aus 700 – Aus 828 – Aus 829 – Aus 830 – Aus 831 – Aus 832 – Aus 833 – Aus 835 – Aus 836 – Aus 837 – Aus 840

1331(T)/2011 AUSTRALIA - TORRES STRAIT - Adolphus Channel to Goods Island - AIS trial

Former Notice - 1218(T)/2011 is cancelled

Date - Until 30 June 2012

Australian Maritime Safety Authority (AA567095, AA572149, AA572150)

AIS units have been attached to nav aids as follows:

MMSI	Position (WGS84 datum)	Type	Remarks
995031033	10° 28'.43 S 142° 22'.61 E	Real	Alert Patches north cardinal light buoy
995031038	10° 29'.77 S 142° 27'.08 E	Synthetic	East Strait Island rear light
995031022	10° 30'.16 S 142° 21'.51 E	Real	Herald Patches starboard lateral light buoy
995031023	10° 33'.91 S 142° 09'.13 E	Real	Goods Island rear light
995036032	10° 40'.20 S 142° 37'.80 E	Virtual	Quetta Rock.

Chart temporarily affected – Aus 292 – Aus 293 – Aus 296 – Aus 299 – Aus 376 – Aus 700 – Aus 839

1332(T)/2011 AUSTRALIA - QUEENSLAND - Weipa - Mission River - Harbour works completed*Former Notice* - 830(T)/2011 is cancelled

Maritime Safety Queensland Notice 1233/2011 (AA571767)

Cancel this notice on receipt.

Chart formerly affected – Aus 4 – Aus 701**1333(T)/2011 AUSTRALIA - TIMOR SEA - Osborn Passage - Drilling and pipelay operations***Former Notice* - 120(T)/2011 is cancelled*Date* - Until 29 June 2012

PTTEP Australasia Pty Ltd (AA353657, AA353658, AA571901, AA571902)

Drill rig *Ensco 109* is conducting drilling operations in position 12° 40'.20 S 124° 32'.22 E. A 500m exclusion zone exists around the drill rig.

MV *Sapura-3000* and MV *Rockwater-2* are conducting pipelay operations between the following positions:

12° 40'.34 S 124° 32'.37 E

12° 30'.08 S 124° 25'.09 E

and

12° 32'.49 S 124° 26'.63 E

12° 31'.50 S 124° 27'.56 E.

The FPSO *Montara Venture* will be established mid 2012 in position 12° 39'.59 S 124° 32'.69 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 314 – Aus 319 – Aus 4721 (INT 721) – Aus 4722 (INT 722) – AX 0314F – AX 0319F – AX 4721F – AX 4722F**1334(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Light buoy removed***Former Notice* - 484(T)/2011 is cancelled

CGL Wyndham Port (AA571755), Notice 594/2011 refers

Cancel this notice on receipt.

Chart formerly affected – Aus 32**1335(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Survey operations completed***Former Notice* - 986(T)/2011 is cancelled

Department of Transport WA (AA571924)

Cancel this notice on receipt.

Chart formerly affected – Aus 324**1336(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Broome - Electronic navigation aid trial completed***Former Notice* - 1079(T)/2009 is cancelled

Broome Port Authority (AA570409)

Cancel this notice on receipt.

Chart formerly affected – Aus 50 – Aus 51 – Aus 324

1337(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Broome - Scientific instruments*Former Notice - 977(T)/2010 is cancelled**Date - Until 2 December 2012**Broome Port Authority Notice 29/2011 (AA571726)*

Scientific instruments marked by special light buoys exist as follows:

<i>Position</i>	<i>Remarks</i>
17° 59'.53 S 122° 10'.88 E	<i>Fl.Y.2s</i>
18° 03'.60 S 122° 11'.90 E	<i>Fl.Y.2s</i>
18° 01'.87 S 122° 12'.78 E	<i>Fl.Y.2s</i>
18° 00'.66 S 122° 12'.52 E	unmarked
18° 00'.35 S 122° 13'.20 E	unmarked
18° 00'.09 S 122° 12'.93 E	<i>Fl.Y.3s</i>
18° 00'.06 S 122° 12'.93 E	<i>Fl.Y.3s</i>
17° 59'.25 S 122° 13'.96 E	<i>Fl.Y.3s.</i>

Chart temporarily affected – Aus 50 – Aus 51**1338(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey completed***Former Notice - 875(T)/2011 is cancelled**Auscoast Warning 324/2011 (AA571966)*

Cancel this notice on receipt.

Chart formerly affected – Aus 327 – Aus 328 – Aus 4723 (INT 723) – AX 4723F**1339(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Seismic survey***Former Notice - 1103(T)/2011 is cancelled**Date - Until 29 February 2012**TGS-NOPEC (AA570395)*SRV *Viking Vision*, with a 6000m towed array, and support vessel, *Pacific Peacock* are conducting a survey in an area bounded by the following positions:

19° 09'.91 S 112° 43'.22 E
 19° 09'.92 S 113° 03'.81 E
 19° 08'.82 S 113° 03'.74 E
 19° 08'.87 S 113° 49'.08 E
 19° 21'.01 S 113° 49'.08 E
 19° 21'.01 S 113° 21'.94 E
 19° 29'.93 S 113° 16'.35 E
 19° 29'.92 S 113° 05'.08 E
 19° 26'.77 S 113° 05'.08 E
 19° 27'.03 S 112° 43'.41 E
 19° 09'.91 S 112° 43'.22 E.

Chart temporarily affected – Aus 4723 (INT 723) – AX 4723F

1340(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments*Former Notice* - 1224(T)/2011 is cancelled

Date - Until 30 November 2012

MetOcean Engineers (AA572541)

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

21° 22'.08 S 114° 50'.93 E

21° 28'.41 S 115° 08'.41 E

21° 28'.43 S 115° 08'.51 E

21° 31'.75 S 115° 01'.82 E

21° 31'.84 S 115° 01'.87 E

21° 35'.00 S 115° 01'.28 E

21° 39'.29 S 115° 00'.09 E.

Chart temporarily affected – Aus 64 – Aus 328 – Aus 743**1341(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Jurien Bay - Harbour works completed***Former Notice* - 1168(T)/2011 is cancelled

Department of Transport WA Notice 137/2011 (AA565369)

Cancel this notice on receipt.

Chart formerly affected – Aus 84**1342(P)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Parmelia Channel - Light buoy established***Former Notice* - 773(T)/2010 is cancelled

Fremantle Ports (AA571760)

A starboard lateral pillar light buoy, *Fl.G.2s*, exists in position 32° 07'.79 S 115° 42'.12 E.**Chart which will be affected – Aus 117 – AX 70117****1343(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Jervoise Bay - Dredging operations completed***Former Notice* - 1169(T)/2011 is cancelled

Fremantle Ports Notice 18(P)/2011 (AA565592)

Cancel this notice on receipt.

Chart formerly affected – Aus 114 – Aus 117 – AX 70117**1344(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Gulf St Vincent - Obstruction***Former Notice* - 534(T)/2011 is cancelled

Fugro LADS Corporation (AA534581)

An obstruction is reported to exist in position 34° 42'.37 S 138 15'.94 E.

Chart temporarily affected – Aus 781**1345(T)/2011 AUSTRALIA - TASMANIA - River Tamar - Long Reach - Light beacon restored***Former Notice* - 883(T)/2010 is cancelled

Marine and Safety Tasmania Notice M154/2011 (AA572198)

Cancel this notice on receipt.

Chart formerly affected – Aus 167 – Aus 168

1346(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Exclusion zones
 Victorian Notice 146(T)/2011 (AA571787)

As a result of shoaling, exclusion zones exist in the areas bounded by the following positions:

38° 17'.50 S 144° 39'.08 E
 38° 17'.50 S 144° 39'.45 E
 38° 17'.56 S 144° 39'.45 E
 38° 17'.55 S 144° 39'.08 E,

and

38° 17'.65 S 144° 41'.13 E
 38° 17'.88 S 144° 42'.27 E
 38° 17'.90 S 144° 42'.27 E
 38° 17'.67 S 144° 41'.13 E,

and

38° 17'.99 S 144° 42'.65 E
 38° 18'.01 S 144° 42'.72 E
 38° 18'.02 S 144° 42'.72 E
 38° 18'.00 S 144° 42'.65 E,

and

38° 17'.80 S 144° 42'.85 E
 38° 18'.14 S 144° 44'.52 E
 38° 18'.17 S 144° 44'.51 E
 38° 17'.83 S 144° 42'.84 E,

and

38° 18'.18 S 144° 45'.07 E
 38° 18'.37 S 144° 46'.35 E
 38° 18'.38 S 144° 46'.35 E
 38° 18'.19 S 144° 45'.07 E.

Chart temporarily affected – Aus 144 – Aus 158

1347(P)/2011 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Light beacon to be established

Date - On or about 12 December 2011

Victorian Notices 143/2011, 145(T)/2011 (AA571850, AA571851)

A light beacon, *F(3)R.10s No22*, exists in position 38° 19'.642 S 144° 54'.207 E; charts will be updated in Edition 1/2012.

Chart which will be affected – Aus 143 – Aus 158

HYDROGRAPHIC REPORTS

Nil Reports

NAVIGATION WARNINGS

The following radio messages have been received during the period to 16 December 2011. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

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

AUSCOAST WARNING

- 312 Special purpose vessel *Viking II* conducting seismic survey in an area bounded by 9° 18'·0 S to 10° 36'·0 S and 128° 44'·0 E to 130° 45'·0 E. 5·0M clearance requested.
- 313 Cancelled.
- 314 Cancelled.
- 315 Cancelled.
- 316 Cancelled.
- 317 Drill rig *Ocean Patriot* in position 12° 06'·14 S 125° 02'·30 E. 2·5M clearance requested.
- 318 AIS aid to navigation MMSI 995031038 established at East Strait Island rear (10° 29'·77 S 142° 27'·08 E).
- 319 Virtual AIS aid to navigation MMSI 995036032 established at Quetta Rock (10° 40'·2 S 142° 37'·8 E).
- 320 Drill rig *Stena Clyde* in position 38° 20'·97 S 141° 41'·01 E. 2·5M clearance requested.
- 321 Special purpose vessel *Lorelay* conducting pipe laying operations in an area bounded by 19° 46'·0 S to 20° 48'·0 S and 114° 31'·0 E to 115° 26'·0 E. 1·0M clearance requested.
- 322 Cancelled.
- 323 Special purpose vessel *Voyager Explorer* conducting seismic survey in an area bounded by 10° 55'·0 S to 12° 38'·0 S and 125° 40'·0 E to 127° 50'·0 E towing four 6500m cables each transmitting morse code U. 5·0M clearance requested.
- 324 Special purpose vessel *Seisquest* conducting seismic survey in an area bounded by 17° 45'·0 S to 18°30'·0 S and 118° 30'·0 E to 120° 00'·0 E. 5·0M clearance requested.
- 325 McDermott Derrick barge 30 in position 38° 13'·0 S 148° 13'·0 E is marked by unlit yellow cylindrical buoys. 3·0M clearance requested.
- 326 Cancelled.
- 327 Cape Capricorn light K2992.1 in position 23° 29'·19 S 151° 14'·19 E unlit.
- 328 Special purpose vessel *Geo Atlantic* conducting seismic survey in an area bounded by 18° 10'·0 S to 20° 25'·0 S and 111° 40'·0 E to 114° 55'·0 E. 6·0M clearance requested.

NAVAREA X WARNINGS

- 024 Cancelled.
- 025 Cancelled.

Navigational warnings in force as at 160001UTC DEC 11.

Auscoast

2011 206 228 243 262 264 267 268 272 273 278 280 281 282 286 288 289 290 291 293 298 303 309 312 317 318 319 320
321 323 324 325 327 328

Navarea X

2011 018 023

Summary of mobile drilling rigs as at 160001UTC DEC 11.

Name	Position
Stena Clyde	38° 20'·87 S 141° 41'·01 E
Ocean Patriot	12° 06'·14 S 125° 02'·30 E
Ensco 109	12° 40'·20 S 124° 32'·22 E
Transocean Legend	20° 31'·70 S 116° 40'·60 E
Ensco 104	20° 17'·40 S 116° 14'·70 E
Nan Hai 6	19° 46'·00 S 115° 53'·00 E
Atwood Osprey	20° 24'·51 S 114° 50'·98 E
Atwood Eagle	20° 18'·65 S 114° 23'·90 E
Ocean America	21° 20'·10 S 113° 36'·50 E

NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 160001UTC DEC 11.

2011 111 115

To accompany Australian Notice to Mariners 1312/2011

NON-TIDAL CHANGES IN SEA LEVEL AND
TIDAL STREAMS

Water level within Port Phillip is much affected by winds blowing for a long period in one direction and may remain above mean level continuously for some time after southerly gales, or below mean level continuously for some time after northerly gales.

At about the time of high and low water in the entrance the stream runs at its strongest, 4-7 knots. For details see Australia Pilot Vol II NP 14.

Note for chart Aus 143.

To accompany Australian Notice to Mariners 1312/2011

NON-TIDAL CHANGES IN SEA LEVEL AND
TIDAL STREAMS

Water level within Port Phillip is much affected by winds blowing for a long period in one direction and may remain above mean level continuously for some time after southerly gales, or below mean level continuously for some time after northerly gales.

At about the time of high and low water in the entrance the stream runs at its strongest, 4-7 knots. For details see Australia Pilot Vol II NP 14.

Note for chart Aus 144.

To accompany Australian Notice to Mariners 1312/2011

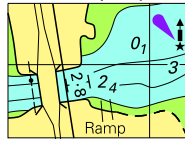
NON-TIDAL CHANGES IN SEA LEVEL AND
TIDAL STREAMS

Water level within Port Phillip is much affected by winds blowing for a long period in one direction and may remain above mean level continuously for some time after southerly gales, or below mean level continuously for some time after northerly gales.

At about the time of high and low water in the entrance the stream runs at its strongest, 4-7 knots. For details see Australia Pilot Vol II NP 14.

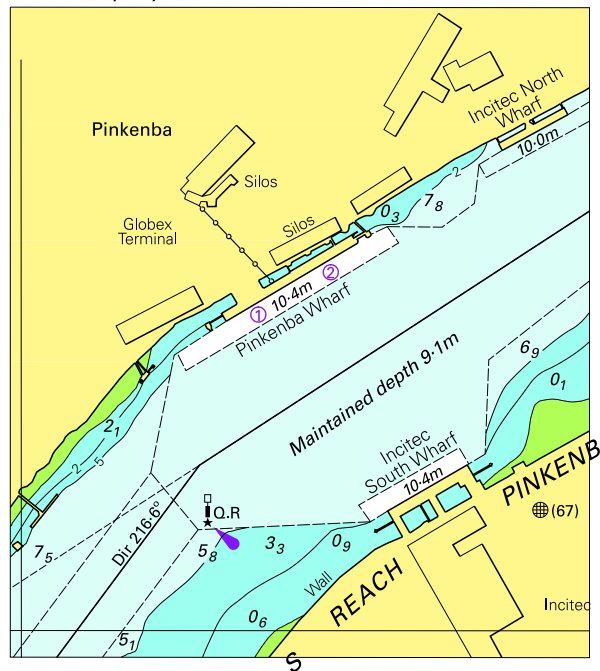
Note for chart Aus 158.

To accompany Australian Notice to Mariners 1298/2011



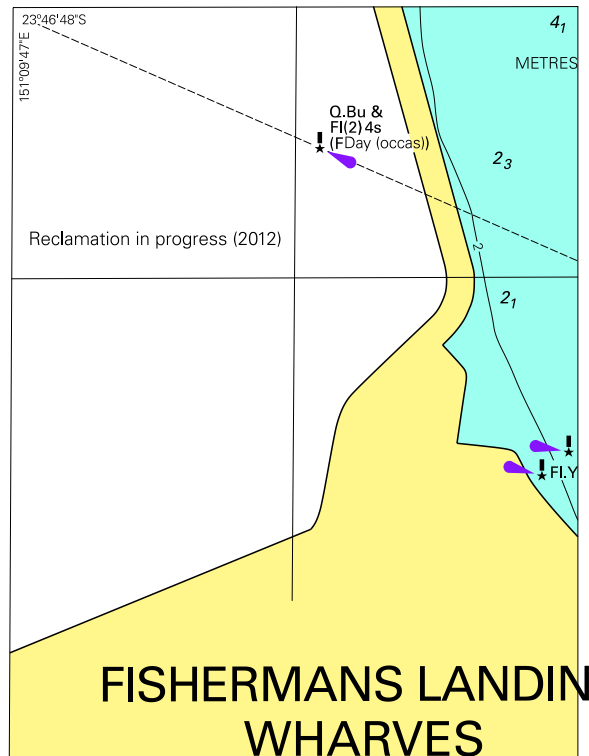
© Commonwealth of Australia 2011
Block for chart Aus 237
 (23.7 x 17.8mm)

To accompany Australian Notice to Mariners 1299/2011



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Block for chart Aus 238
 (76.6 x 86.0mm)

To accompany Australian Notice to Mariners 1301/2011

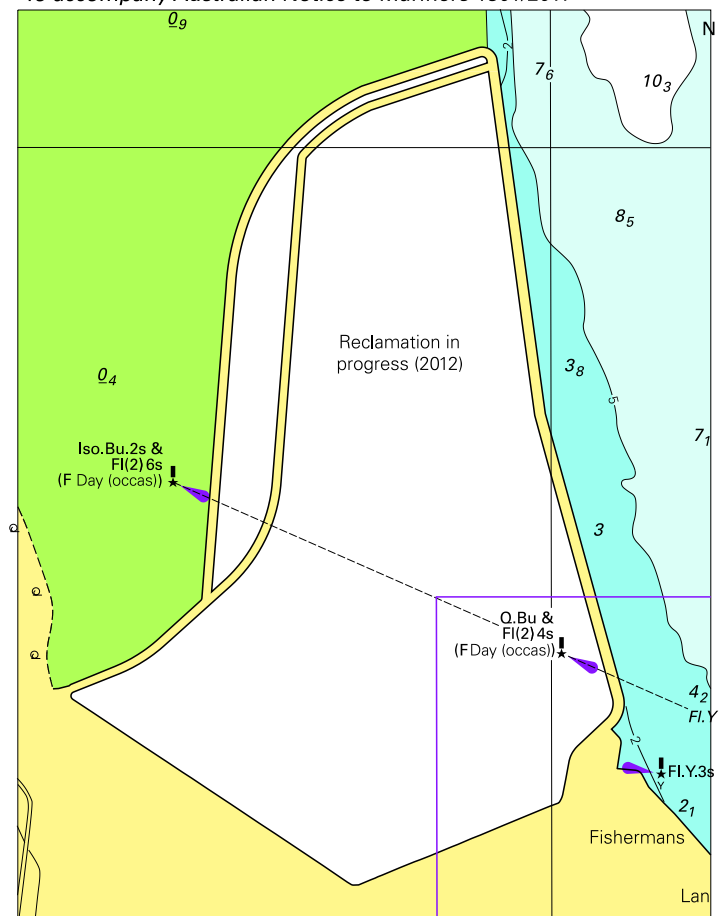


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Block for chart Aus 244

(75.2 x 99.3mm)

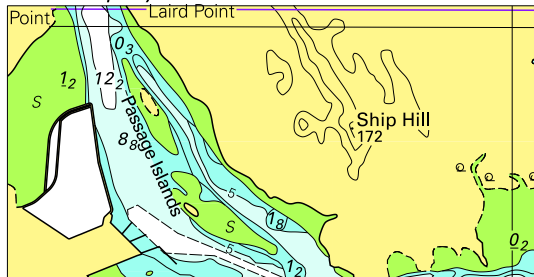
To accompany Australian Notice to Mariners 1301/2011



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Block for chart Aus 245

To accompany Australian Notice to Mariners 1301/2011

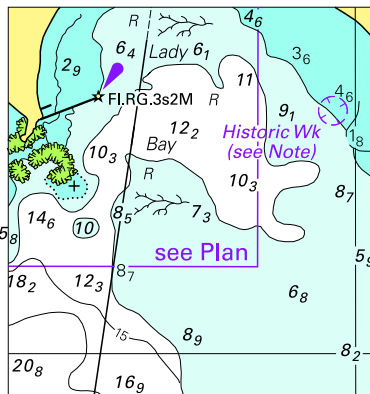


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Block for chart Aus 819

(70.4 x 35.9mm)

To accompany Australian Notice to Mariners 1311/2011



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Block for chart Aus 141

(48.7 x 51.3)