



28 January 2011

Edition 2

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

AUSTRALIAN NOTICES TO MARINERS

Notices 81 – 134

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

- I. **Australian Notices to Mariners, including blocks and notes.**
- II. **Hydrographic Reports.**
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SUPPLEMENTS.

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- IV. **Amendments to Admiralty List of Lights and Fog Signals (Vol K),
Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing
Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).**

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IMPORTANT NOTICE

This edition of Notices to Mariners includes all significant information affecting AHS products which the AHS has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The AHS regards third parties from which it receives information as reliable, however the AHS cannot verify all such information and errors may therefore exist. The AHS does not accept liability for errors in third party information.

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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81 AUSTRALIA - Product

Australian Hydrographic Service (AA514543)

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 653	28/1/2011	Papua New Guinea - North East Coast - Plans in Papua New Guinea (Sheet 7) Plans: Langemak Bay and Finschhafen 6° 32'.04 S - 6° 36'.30 S 147° 49'.40 E - 147° 52'.85 E Dregerhafen and Schneiderhafen 6° 36'.20 S - 6° 39'.61 S 147° 50'.70 E - 147° 53'.46 E <i>New chart providing improved coverage of Langemak Bay, Finschhafen, Dregerhafen and Schneiderhafen.</i>	1:12 500 1:10 000	Aus 5000	\$35.00
Aus 671	28/1/2011	Papua New Guinea - New Britain - South Coast - Plans in Papua New Guinea (Sheet 6) Plans: Henry Reid Bay 4° 57'.50 S - 5° 07'.60 S 151° 56'.00 E - 152° 09'.26 E Jacquinot Bay 5° 30'.80 S - 5° 40'.90 S 151° 26'.00 E - 151° 39'.26 E Palmal Wharf 5° 37'.23 S - 5° 38'.04 S 151° 28'.38 E - 151° 29'.50 E <i>New chart providing improved coverage of Henry Reid Bay, Jacquinot Bay and Palmal Wharf.</i>	1:37 500 1:37 500 1:12 500	Aus 5000	\$35.00

New Chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 523	Papua New Guinea - North East Coast - Nassau Bay to Finschhafen	1:150 000	11 February 2011
Aus 663	Papua New Guinea - Hermit Islands	1:50 000	11 February 2011
Aus 664	Papua New Guinea - Admiralty Islands - Saint Andrew Islands	1:50 000	11 February 2011

Chart permanently withdrawn without replacement

<i>Chart</i>	<i>On publication of new chart</i>
Aus 676	Aus 671

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.

82 AUSTRALIA - Product - Amendment to Australian Notice to Mariners No 9

National Geospatial Intelligence Agency (AA512747)

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Amend Amberley firing area details to read:

YBBB/R637A Amberley

Nature of Activity Military flying

Vertical Limits 5000-NOTAM

Chart Aus 426

(a) 25° 43' 45" S 153° 05' 56" E

(d) 26° 15' 42" S 153° 29' 56" E.

Controlling Authority RAAF DETCDR Amberley

Times of Use NOTAM

Chartlet 3

(b) 24° 50' 56" S 153° 38' 38" E

(c) 25° 31' 53" S 154° 17' 17" E

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Substitute [accompanying chartlet 3](#)

28 January 2011

83* AUSTRALIA - NEW SOUTH WALES - Ben Buckler - Depths eastwards

Geoscience Australia (DHDB 1669022)

Aus 197 [584/2010]

Insert	depth, 103m	33° 55'.69 S	151° 28'.49 E
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Delete	depth, 113m	33° 55'.5 S	151° 28'.5 E
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Aus 489 [1359/2010]

Substitute	depth, 103m, for depth, 113m	33° 55'.5 S	151° 28'.5 E
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Aus 808 [31/2011]

Insert	depth, 103m	33° 55'.69 S	151° 28'.49 E
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Substitute	depth, 115m, for depth, 155m	33° 53'.9 S	151° 25'.5 E
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Delete	depth, 113m	33° 55'.5 S	151° 28'.5 E
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Aus 4643 (INT 643) [1221/2010]

Substitute	depth, 103m, for depth, 113m	33° 55'.5 S	151° 28'.5 E
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AX 0808E [31/2011]

Insert	depth, 103m	33° 55'.69 S	151° 28'.49 E
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Substitute	depth, 115m, for depth, 155m	33° 53'.9 S	151° 25'.5 E
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Delete	depth, 113m	33° 55'.5 S	151° 28'.5 E
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84* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Lights; depths

UKHO (AA502551)

Aus 200 [1296/2010]

Insert	accompanying block	33° 51'.0 S	151° 14'.7 E
	upright sounding, 20m, enclosed by broken contour	33° 51'.052 S	151° 17'.587 E

Amend	legend to 293.9°	33° 50'.43 S	151° 19'.40 E
	legend to 185.4°	33° 49'.95 S	151° 16'.55 E

Delete	depth, 98m, and enclosing contour	33° 51'.94 S	151° 13'.28 E
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85* AUSTRALIA - QUEENSLAND - Gold Coast - Nerang River - Light buoys established

Maritime Safety Queensland Notice 1093/2010 (AA511239)

Aus 230 [1363/2010]

Insert	special cylindrical light buoy, Fl. Y.2s, without topmark	27° 58'.707 S	153° 25'.162 E
	special cylindrical light buoy, Fl. Y.2s, without topmark	27° 58'.726 S	153° 25'.204 E

86* AUSTRALIA - QUEENSLAND - Moreton Bay - Cleveland Point - Light removed

Former Notice - 662(T)/2009 is cancelled

Maritime Safety Queensland Notice 24/2011 (AA511634)

Aus 236 [NE 17/12/2010]

Delete	light	27° 30'.6 S	153° 17'.4 E
	light sectors red, white with legends emanating from light	27° 30'.6 S	153° 17'.4 E

87* AUSTRALIA - QUEENSLAND - Forbes Islands - Depths
LADS Flight (DHDB 1617531)

Aus 835 [741/2010]
Insert [accompanying block](#) 12° 15'.0 S 143° 25'.0 E

Aus 836 [742/2010]
Insert [accompanying block](#) 12° 15'.0 S 143° 25'.0 E

88* AUSTRALIA - TORRES STRAIT - Moresby Rock - Historic wreck
Museum of Tropical Queensland (AA504256)

Aus 376 [1230/2010]
Insert historic wreck, with magenta legend *Historic Wk* 10° 10'.62 S 142° 42'.53 E

Aus 839 [1162/2010]
Insert historic wreck, with magenta legend *Historic Wk (see Note)* 10° 10'.62 S 142° 42'.53 E

89* PAPUA NEW GUINEA - Sabara Island - Depth
P Tudor-Stack (AA511287, AA511288)

Aus 510 [150/2008]
Insert upright sounding, 1m, enclosed by broken contour with legend, *Rep(2010)* 11° 07'.79 S 153° 02'.79 E

Delete depth, 22m 11° 07'.9 S 153° 02'.8 E

90* AUSTRALIA - NORTHERN TERRITORY - Lorna Shoal - Depths
UKHO (AA502607 - AA502610)

Aus 316 [1167/2010]
Insert [accompanying block](#) 12° 20'.0 S 130° 05'.0 E

Aus 4721 (INT 721) [1306/2010]
Substitute depth, 23₇m, for depth, 19₇m 12° 22'.0 S 130° 11'.0 E

AX 4721F [1306/2010]
Substitute depth, 23₇m, for depth, 19₇m 12° 22'.0 S 130° 11'.0 E

91* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light removed; lights altered
Port Hedland Port Authority (AA512609)

Aus 54 [42/2011]
Amend light to *F.R. 13m 4M* 20° 18'.93 S 118° 33'.99 E
light beacon to *F.R 5m* 20° 19'.71 S 118° 35'.29 E
light beacon to *F.R 9m* 20° 19'.75 S 118° 35'.37 E

Delete dashed line with legend Fortescue 315-3°, emanating from light 20° 18'.93 S 118° 33'.99 E

92* AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Spoil grounds; light
Department of Transport WA (AA509635)

Aus 55 [1307/2010]

Insert	dashed line with legend, <i>Spoil Ground</i> , between	20° 25'.81 S	117° 20'.54 E
		20° 26'.30 S	117° 20'.54 E
	dashed line with legend, <i>Spoil Ground</i> , between	20° 26'.29 S	117° 21'.63 E
		20° 25'.81 S	117° 21'.63 E
		20° 25'.81 S	117° 20'.54 E
		20° 28'.54 S	117° 14'.89 E
		20° 28'.82 S	117° 15'.31 E
		20° 29'.66 S	117° 14'.67 E
		20° 29'.37 S	117° 14'.25 E
		20° 28'.54 S	117° 14'.89 E
		20° 30'.54 S	117° 13'.22 E
		20° 31'.38 S	117° 12'.58 E
	dashed line with legend, <i>Spoil Ground</i> , between	20° 31'.66 S	117° 13'.00 E
		20° 30'.83 S	117° 13'.64 E
		20° 30'.54 S	117° 13'.22 E

Amend	light to 3F.R	20° 34'.5 S	117° 12'.3 E
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Delete	dashed line with legend, Spoil Ground, centred on	20° 31'.2 S	117° 13'.0 E
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Aus 326 [NE 15/01/2010]

Amend	light to 3F.R	20° 34'.6 S	117° 12'.1 E
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Aus 740 [1366/2010]

Insert	dashed line with legend, <i>Spoil Ground</i> , between	20° 30'.54 S	117° 13'.22 E
		20° 31'.38 S	117° 12'.58 E
	dashed line with #, between	20° 31'.66 S	117° 13'.00 E
		20° 30'.83 S	117° 13'.64 E
		20° 30'.54 S	117° 13'.22 E
		20° 28'.54 S	117° 14'.89 E
		20° 28'.82 S	117° 15'.31 E
		20° 29'.66 S	117° 14'.67 E
		20° 29'.37 S	117° 14'.25 E
		20° 28'.54 S	117° 14'.89 E
		20° 25'.81 S	117° 20'.54 E
		20° 26'.30 S	117° 20'.54 E
	dashed line with #, between	20° 26'.29 S	117° 21'.63 E
		20° 25'.81 S	117° 21'.63 E
		20° 25'.81 S	117° 20'.54 E
		20° 30'.83 S	117° 13'.64 E
		20° 30'.54 S	117° 13'.22 E

Amend	light to 3F.R	20° 34'.5 S	117° 12'.3 E
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Delete	dashed line with legend, Spoil Ground, centred on	20° 31'.2 S	117° 13'.0 E
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Aus 741 [1368/2010]

Insert	dashed line with #, between	20° 28'.54 S	117° 14'.89 E
		20° 28'.82 S	117° 15'.31 E
	dashed line with legend, <i>Spoil Ground</i> , between	20° 29'.66 S	117° 14'.67 E
		20° 29'.37 S	117° 14'.25 E
		20° 28'.54 S	117° 14'.89 E
		20° 30'.54 S	117° 13'.22 E
		20° 31'.38 S	117° 12'.58 E
		20° 31'.66 S	117° 13'.00 E
		20° 30'.83 S	117° 13'.64 E
		20° 30'.54 S	117° 13'.22 E
		20° 30'.83 S	117° 13'.64 E
		20° 30'.54 S	117° 13'.22 E

Amend	light to 3F.R	20° 34'.5 S	117° 12'.3 E
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Delete	dashed line with legend, Spoil Ground, centred on	20° 31'.2 S	117° 13'.0 E
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93* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Restricted area; chart note; legend; spoil ground
 Department of Transport WA Notices 147/2010, 148/2010 (AA512156, AA512157, AA508821)

Aus 62 [960/2008]

Insert	accompanying note	20° 49'.1 S	115° 26'.0 E
	magenta legend, <i>Restricted Area (see Note)</i> , centred on	20° 41'.0 S	115° 29'.5 E
	magenta legend, <i>Restricted Area (see Note)</i> , centred on	20° 47'.9 S	115° 33'.0 E
Substitute	restricted area limit for port limit, between	20° 40'.0 S	115° 26'.5 E
		20° 44'.0 S	115° 34'.7 E
		20° 51'.0 S	115° 33'.8 E

Aus 327 [NC 3/12/2010]

Insert	dashed line with legend <i>Spoil Ground</i> , between	20° 53'.02 S	115° 33'.51 E
		20° 54'.12 S	115° 32'.26 E
		20° 53'.00 S	115° 31'.03 E
		20° 51'.79 S	115° 32'.28 E
		20° 53'.02 S	115° 33'.51 E
Substitute	restricted area limit for port limit, between	20° 40'.0 S	115° 26'.5 E
		20° 47'.0 S	115° 35'.3 E
		20° 52'.7 S	115° 23'.9 E
	restricted area limit for port limit, centred on	20° 37'.5 S	115° 36'.5 E

Aus 328 [1060/2010]

Insert	dashed line with legend <i>Spoil Ground</i> , between	20° 53'.10 S	115° 33'.44 E
		20° 54'.20 S	115° 32'.19 E
		20° 53'.08 S	115° 31'.11 E
		20° 51'.87 S	115° 32'.21 E
		20° 53'.10 S	115° 33'.44 E

Aus 742 [1368/2010]

Insert	accompanying note	20° 47'.0 S	116° 35'.0 E
	magenta legend, <i>Restricted Area (see Note)</i> , centred on	20° 49'.5 S	115° 31'.5 E
	dashed line with legend <i>Spoil Ground</i> , between	20° 53'.02 S	115° 33'.51 E
		20° 54'.12 S	115° 32'.26 E
		20° 53'.00 S	115° 31'.03 E
		20° 51'.79 S	115° 32'.28 E
		20° 53'.02 S	115° 33'.51 E
Substitute	restricted area limit for port limit, between	20° 40'.0 S	115° 26'.5 E
		20° 47'.0 S	115° 35'.3 E
		20° 52'.7 S	115° 23'.9 E

Aus 743 [1060/2010]

Insert	accompanying note	21° 26'.0 S	116° 08'.0 E
	magenta legend, <i>Restricted Area (see Note)</i> , centred on	20° 50'.5 S	115° 32'.5 E
	dashed line with legend <i>Spoil Ground</i> , between	20° 53'.02 S	115° 33'.51 E
		20° 54'.12 S	115° 32'.26 E
		20° 53'.00 S	115° 31'.03 E
		20° 51'.79 S	115° 32'.28 E
		20° 53'.02 S	115° 33'.51 E
Substitute	restricted area limit for port limit, between	20° 47'.9 S	115° 35'.3 E
		20° 52'.0 S	115° 33'.0 E
		20° 52'.7 S	115° 23'.9 E

94* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Depths

Fugro Survey Pty Ltd (DHDB 266482)

Aus 327 [93/2011]

Insert	depth, 14 ₈ m, and extend contour W to enclose contour, between	20° 35'.17 S	115° 24'.76 E
		20° 36'.18 S	115° 24'.45 E
		20° 36'.07 S	115° 23'.90 E
Delete	contour, between	20° 36'.2 S	115° 24'.5 E
		20° 35'.3 S	115° 24'.2 E
		20° 36'.1 S	115° 23'.9 E

Aus 742 [93/2011]

Insert	depth, 14 ₈ m, enclosed by contour	20° 35'.17 S	115° 24'.76 E
	depth, 13 ₃ m, enclosed by contour	20° 36'.09 S	115° 23'.60 E
Delete	depth, 13m, and enclosing contour	20° 35'.5 S	115° 24'.2 E

95* AUSTRALIA - WESTERN AUSTRALIA - Point Quobba to Pepper Point - Legend

Australian Maritime Safety Authority (AA512981)

Aus 331 [NC 16/7/2010]

Delete	legend, Adjoining Chart Aus 330, in N border	24° 10'.0 S	112° 53'.0 E
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96* AUSTRALIA - WESTERN AUSTRALIA - Jurien Bay - Rock southwards

Department of Environment and Conservation WA (AA512862)

Aus 333 [597/2010]

Insert	underwater rock enclosed by danger circle with legend, Rep(2011)	30° 23'.08 S	115° 02'.51 E
Delete	depth, 2m	30° 22'.8 S	115° 02'.8 E
	depth, 5 ₈ m	30° 23'.2 S	115° 02'.3 E

Aus 753 [954/2010]

Insert	underwater rock enclosed by danger circle with legend, Rep(2011)	30° 23'.08 S	115° 02'.51 E
Delete	depth, 5 ₈ m	30° 23'.2 S	115° 02'.3 E

97* AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln to Buffalo Reef - Port limit; marine farms; nomenclature

Department of Transport, Energy and Infrastructure SA Notices 50/2010, 54/2010 (AA505379, AA511236, AA513321)

Aus 343 [1118/2010]

Insert	dashed line with legend <i>Marine farm</i> , between	34° 48'.56 S	136° 23'.26 E
		34° 49'.02 S	136° 23'.27 E
		34° 48'.98 S	136° 26'.29 E
		34° 48'.52 S	136° 26'.28 E
		34° 48'.56 S	136° 23'.26 E
Move	marine farm symbol, centred on to marine farm symbol, centred on to marine farm symbol, centred on to	34° 42'.5 S	136° 30'.7 E
		34° 42'.43 S	136° 20'.55 E
		34° 44'.3 S	136° 27'.8 E
		34° 45'.74 S	136° 23'.04 E
		34° 44'.0 S	136° 31'.8 E
		34° 48'.46 S	136° 27'.84 E

97* AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln to Buffalo Reef - Port limit; marine farms; nomenclature
(continued)

Aus 444 [1371/2010]

Move	marine farm symbol, centred on	34° 42'.5 S	136° 31'.0 E
	to	34° 42'.36 S	136° 20'.63 E
	marine farm symbol, centred on	34° 44'.0 S	136° 32'.0 E
	to	34° 48'.39 S	136° 27'.92 E
	marine farm symbol, centred on	34° 44'.0 S	136° 28'.0 E
	to	34° 48'.70 S	136° 24'.85 E

Aus 776 [1117/2010]

Insert	accompanying block	34° 40'.0 S	136° 05'.0 E
	dashed line with legend <i>Marine farm (see Note)</i> , between	34° 42'.23 S	136° 19'.65 E
		34° 42'.50 S	136° 19'.65 E
		34° 42'.48 S	136° 21'.62 E
		34° 42'.21 S	136° 21'.61 E
		34° 42'.23 S	136° 19'.65 E
	marine farm symbol with legend (<i>see Note</i>), centred on	34° 45'.67 S	136° 23'.12 E
	dashed line with legend <i>Marine farm (see Note)</i> , between	34° 48'.49 S	136° 23'.34 E
		34° 48'.95 S	136° 23'.35 E
		34° 48'.91 S	136° 26'.37 E
		34° 48'.45 S	136° 26'.36 E
		34° 48'.49 S	136° 23'.34 E
Move	marine farm symbol with legend (<i>see Note</i>), centred on	34° 44'.0 S	136° 32'.0 E
	to	34° 48'.39 S	136° 27'.92 E
Amend	name to <i>Buffalo Reef</i>	34° 43'.0 S	136° 28'.5 E
Delete	marine farm with legend, centred on	34° 44'.2 S	136° 28'.0 E
	marine farm with legend, centred on	34° 42'.4 S	136° 31'.0 E

AX 0343E [1117/2010]

Insert	dashed line with legend <i>Marine farm</i> , between	34° 48'.56 S	136° 23'.26 E
		34° 49'.02 S	136° 23'.27 E
		34° 48'.98 S	136° 26'.29 E
		34° 48'.52 S	136° 26'.28 E
		34° 48'.56 S	136° 23'.26 E
Move	marine farm symbol, centred on	34° 44'.3 S	136° 27'.8 E
	to	34° 45'.74 S	136° 23'.04 E
	marine farm symbol, centred on	34° 44'.0 S	136° 31'.8 E
	to	34° 48'.46 S	136° 27'.84 E
	marine farm symbol, centred on	34° 42'.5 S	136° 30'.7 E
	to	34° 42'.43 S	136° 20'.55 E

97* AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln to Buffalo Reef - Port limit; marine farms; nomenclature
(continued)

AX 0776E [1117/2010]

Insert	accompanying block	34° 40'.0 S	136° 05'.0 E
	dashed line with legend <i>Marine farm (see Note)</i> , between	34° 42'.23 S	136° 19'.65 E
		34° 42'.50 S	136° 19'.65 E
		34° 42'.48 S	136° 21'.62 E
		34° 42'.21 S	136° 21'.61 E
		34° 42'.23 S	136° 19'.65 E
	marine farm symbol with legend (see Note), centred on	34° 45'.67 S	136° 23'.12 E
	dashed line with legend <i>Marine farm (see Note)</i> , between	34° 48'.49 S	136° 23'.34 E
		34° 48'.95 S	136° 23'.35 E
		34° 48'.91 S	136° 26'.37 E
		34° 48'.45 S	136° 26'.36 E
		34° 48'.49 S	136° 23'.34 E
Move	marine farm symbol with legend (see Note), centred on	34° 44'.0 S	136° 32'.0 E
	to	34° 48'.39 S	136° 27'.92 E
Amend	name to <i>Buffalo Reef</i>	34° 43'.0 S	136° 28'.5 E
Delete	marine farm with legend, centred on	34° 44'.2 S	136° 28'.0 E
	marine farm with legend, centred on	34° 42'.4 S	136° 31'.0 E

98* AUSTRALIA - SOUTH AUSTRALIA - Kangaroo Island - Wreck southwards; nomenclature
Department of Transport, Energy and Infrastructure SA Notice 53/2010 (AA512990)

Aus 346 [1117/2010]

Insert	safe clearance depth, 35fm, enclosed by danger circle with legend, <i>Wk</i>	36° 56'.16 S	137° 56'.82 E
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Aus 4728 (INT 728) [NC 17/12/2010]

Insert	safe clearance depth, 65m, enclosed by danger circle with legend, <i>Wk</i>	36° 56'.2 S	137° 56'.8 E
Amend	name to <i>Buffalo Reef</i>	34° 43'.0 S	136° 34'.0 E

99* SOUTHERN OCEAN - Mawson - Depths; legend
Australian Hydrographic Service (AA512459)

Aus 600 (INT 9036) [440/2008]

Insert	accompanying block	67° 36'.0 S	62° 50'.0 E
	magenta legend, <i>Adjoining Chart INT 9037 (Aus 599)</i> , in W border	67° 34'.00 S	62° 42'.23 E

100* AUSTRALIA - TASMANIA - Norfolk Bay - Little Norfolk Bay - Taranna - Light established; legend
Marine and Safety Tasmania Notice M9/2011 (AA513082)

Aus 171 [1311/2010]

Insert	light, <i>F.Bu</i>	43° 02'.95 S	147° 51'.80 E
Amend	legend to <i>Jetty</i>	43° 02'.9 S	147° 52'.0 E

101* AUSTRALIA - VICTORIA - Port Phillip - The Rip - Depths
 Port of Melbourne Corporation (DHDB 1617964)

Aus 144 [1313/2010]

Insert	accompanying block	38° 19'.5 S	144° 36'.5 E
	depth, 12 ₈ m, and extend contour S to enclose	38° 18'.166 S	144° 36'.634 E

102* PACIFIC OCEAN - Western Samoa - Depths

BA Notice 52/6304/2010 (AA511666)

Aus 4060 (INT 60) [1306/2010]

Insert	depth, 674m, enclosed by contour	15° 04'.2 S	173° 33'.4 W
	depth, 733m, enclosed by contour	15° 42'.6 S	174° 37'.3 W
Delete	depth, 1275m	15° 12'.0 S	173° 10'.0 W

103(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 48(T)/2011 is cancelled
Newcastle Port Corporation (AA514547)

Available depths as at 27 January 2011:

<i>Berth</i>	<i>Metres</i>
Western Basin 3	11.6
Western Basin 4	11.6
Eastern Basin 1	11.6
Eastern Basin 2 North of Ch 450	11.6
Eastern Basin 2 South of Ch 450	11.0
Channel Berth	8.3
Dyke 1	12.8
Dyke 2	12.8
* Dyke 4	16.1
* Dyke 5	16.1
Dyke 6	6.3
Mayfield 4 Ch 27 to 266	12.8
BHP Wharf 6 to Ch 1050	7.9
Kooragang 2	11.6
Kooragang 2 North Dolphin Ch 182 to 228 11.1	
Kooragang 2 South Dolphin Ch -92 to 00	10.9
Kooragang 3	13.3
Kooragang 4	16.5
Kooragang 5	16.5
Kooragang 6	16.5
Kooragang 8	15.6
Kooragang 9	15.6
Kooragang Ship Receival KSR	7.5
Throsby 1	9.3
Carrington wharf	To be sounded as and when required
Foreshore Park Berth	5.9
Elgo wharf	To be sounded as and when required
<i>Channels</i>	
Entrance Approach	17.7
Entrance Channel (18.0m)	18.0
Entrance Channel (17.4m)	17.4
Entrance Channel (16.8m)	16.8
Entrance Channel (16.2m)	16.1
Entrance Channel to Horseshoe	15.2
Horseshoe	15.0
Steelworks Channel to Swinging Basin	15.0
Swinging Basin	15.0
Swinging Basin to Mayfield 4	12.8
Hunter River South Arm (Kooragang 6 to Kooragang 9)	15.0
Basin Cutting	12.8
Basin Area to Eastern & Western Basin Berths	12.3
Basin Area to 1 Throsby	10.0
Stockton Crossing	3.6

* Indicates revised entry.

Chart temporarily affected – Aus 207 – Aus 208**104(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Drilling operations completed**

Former Notice - 1378(T)/2010 is cancelled
Advent Energy Ltd (AA502902)

Cancel this notice on receipt.

Chart formerly affected – Aus 810

28 January 2011

105(T)/2011 AUSTRALIA - QUEENSLAND - Point Danger to Point Lookout - Scientific instruments*Former Notice - 848(T)/2010 is cancelled*

Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

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

28° 10'.85 S 153° 34'.56 E

27° 58'.01 S 153° 26'.52 E

27° 29'.49 S 153° 37'.84 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected – Aus 230 – Aus 813 – Aus 814**106(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information***Former Notice - 52(T)/2011 is cancelled*

Brisbane Port Corporation (AA514819), Maritime Safety Queensland Notice 83(T)/2011 (AA514571)

Available depths and under keel clearances (UKC) at 27 January 2011:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No10	13.4	
* Fisherman Islands No9	13.4	
* Fisherman Islands No8	13.2	
* Fisherman Islands No7	13.3	
* Fisherman Islands No6	13.3	
* Fisherman Islands No5	13.0	
* Fisherman Islands No4	13.0	
* Fisherman Islands No3	12.7	
* Fisherman Islands No2	13.2	
* Fisherman Islands No1	13.0	
* Fisherman Islands Grain and Woodchip	12.7	
* Caltex Fisherman Islands	14.1	
* BP Luggage Point	12.9	
* Fisherman Islands Coal	12.8	
* Fisherman Islands General Purpose	11.1	
* Caltex Products	9.8	
* Cement Australia Co Wharf	8.3	
* BP Products	10.5	
* Shell	10.6	
Pacific Terminals	10.8	
* Incitec North	9.7	
* Incitec South	9.9	
* Pinkenba 1	9.7	
* Pinkenba 2	9.7	
* Riverside Marina	-	
* Sugar Terminal	9.8	
* Cairncross Fitting Out Wharf	6.5	
* Cairncross Breasting Wharf	5.6	
* Brisbane Naval Wharf	-	
* Maritime No3	5.6	(not maintained)
* Maritime No2	8.5	
* Maritime No1	8.9	
* Hamilton No4	10.0	
* Hamilton No1	9.0	
* Brisbane Cruise Ship Terminal	9.4	

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

	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay :</i>		
North East Channel	5.5	1.5
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width)
East Knoll Bypass Channel	6.9	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
<i>Brisbane River :</i>		
* Entrance Beacons and Bar Cutting	13.0	1.46
* Fisherman Islands Swing Basin	13.0	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 - 0.9
* Pinkenba Swing Basin	8.9	0.6 - 0.9
* Hamilton Swing Basin	8.5	0.6 - 0.9
*Indicates new or revised entry.		

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

107(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Eagle Farm Flats Reach - Obstruction

Maritime Safety Queensland Notice 57(T)/2011 (AA513774)

An obstruction marked by a special light buoy, *Fl.Y.2.5s*, exists in position 27° 25'.88 S 153° 07'.25 E.

Chart temporarily affected – Aus 238

108(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Light buoys established

Maritime Safety Queensland Notice 80(T)/2011, 82(T)/2011 (AA514568, AA514569)

Obstructions marked by special light buoys, *Fl.Y.2.5s*, exist in the following positions;

27° 27'.94 S 153° 02'.00 E
 27° 27'.84 S 153° 02'.11 E
 27° 28'.49 S 153° 02'.51 E.

Chart temporarily affected – Aus 238

109(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Lights buoys recovered

Former Notice - 1381(T)/2010 is cancelled

Maritime Safety Queensland Notice 1057(T)/2010 (AA508927)

Cancel this notice on receipt.

Chart formerly affected – Aus 238

110(T)/2011 AUSTRALIA - QUEENSLAND - Arkwright Point - Scientific instrument

Former Notice - 505(T)/2010 is cancelled

Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

A special light buoy, *Fl(5)Y.20s*, exists in position 26° 33'.81 S 153° 10'.96 E (WGS84 datum).

Mariners are not to use the buoy as a mooring.

Chart temporarily affected – Aus 365

111(T)/2011 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Wreck salvaged*Former Notice - 56(T)/2011 is cancelled*

Maritime Safety Queensland Notice 30(T)/2011 (AA513993)

Cancel this notice on receipt.

Chart formerly affected – Aus 240 – Aus 817**112(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Survey operations***Date - Until 22 February 2011*

Maritime Safety Queensland Notice 59(T)/2011 (AA514220)

Survey operations are in progress in Auckland Channel (23° 50'.3 S 151° 17'.0 E), Gatcombe Channel (23° 52'.0 S 151° 20'.5 E), Golding Cutting (23° 55'.0 S 151° 25'.0 E), Boyne Cutting (23° 55'.8 S 151° 27'.7 E) and Wild Cattle Cutting (23° 54'.5 S 151° 30'.0 E).

Mariners should not pass within 150m of the survey vessel.

The vessel will display appropriate lights and shapes and maintain a listening watch on VHF Ch 13 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 244 – Aus 245 – Aus 246**113(T)/2011 AUSTRALIA - QUEENSLAND - Lisa Jane Shoals - Scientific instrument***Former Notice - 613(T)/2010 is cancelled*

Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

A special light buoy, *Fl(5)Y.20s*, exists in position 23° 18'.36 S 151° 04'.32 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 247 – Aus 819 – Aus 820**114(T)/2011 AUSTRALIA - QUEENSLAND - Cleveland Bay - Scientific instruments recovered***Former Notice - 1138(T)/2010 is cancelled*

Maritime Safety Queensland Notice 889(T)/2010 (AA498779)

Cancel this notice on receipt.

Chart formerly affected – Aus 256 – Aus 827**115(P)/2011 AUSTRALIA - TORRES STRAIT - Prince of Wales Channel - Depths***Date - On or about 28 January 2011*

Australian Hydrographic Service, Australian Maritime Safety Authority (AA512728, AA512730)

Depths exist as follows;

<i>Position (WGS84 datum)</i>	<i>Depth</i>
10° 32'.72 S 142° 02'.01 E	11.1m
10° 34'.22 S 142° 04'.49 E	11.1m.

Charting action will be undertaken on completion of check survey.

Chart which will be affected – Aus 296 – Aus 700

116(T)/2011 PAPUA NEW GUINEA - Gulf of Papua - Seismic survey completed*Former Notice - 1397(T)/2010 is cancelled*

National Maritime Safety Authority PNG Notice 44/2010 (AA508037)

Cancel this notice on receipt.

Chart formerly affected – Aus 378 – Aus 502**117(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Norman River - Light buoy withdrawn**

Maritime Safety Queensland Notice 38(T)/2011 (AA514017)

The special light buoy, *Fl. Y. 4s* (17° 29'.51 S 140° 49'.67 E), has been temporarily withdrawn.**Chart temporarily affected – Aus 6****118(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm Port - Drilling operations***Date - Until 31 March 2011*

Darwin Port Corporation Notice 1(T)/2011 (AA514583)

The drill rig *Sideson2* is conducting drilling operations in the vicinity of position 12° 29'.5 S 130° 53'.0 E.

The drill rig will display appropriate lights.

Updates on the position of the drill rig can be obtained by contacting Darwin Harbour on VHF Ch 10.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 26 – Aus 28 – AX 72026**119(T)/2011 EAST TIMOR - Sahul Banks - Oil field**

Eni Australia (AA514656, AA514657)

The MV *Skandi Seven* is installing a mooring system for the Kitan oil field (10° 37'.54 S 126° 10'.03 E).

The FPSO will be installed in mid May.

Chart temporarily affected – Aus 312 – Aus 4721 (INT 721) – AX 0312F – AX 4721F**120(T)/2011 AUSTRALIA - TIMOR SEA - Osborn Passage - Platform; mooring buoys***Former Notice - 569(T)/2010 is cancelled**Date - Until 31 December 2011*

PTTEP Australasia (AA513754)

The drill rig *Montara* exists in position 12° 40'.33 S 124° 32'.37 E, it is damaged and unlit. A guard boat, either MV *Queen of Peace* or MV *Business Class*, will remain in the vicinity.

Unlit mooring buoys exist in positions 12° 39'.66 S 124° 32'.44 E, 12° 40'.72 S 124° 32'.45 E and 12° 40'.11 S 124° 32'.45 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

121(T)/2011 INDIAN OCEAN - Sumatera - Scientific instruments westwards*Former Notice - 1458(T)/2009 is cancelled*

JAMSTEC (AA514619)

Scientific instruments, Triton buoys, exist as follows:

<i>Number</i>	<i>Position</i>
17	5° 01'.97 S 94° 58'.60 E
18	1° 36'.18 S 90° 04'.44 E
19	8° 04'.05 S 95° 07'.40 E.

Chart temporarily affected – Aus 4070 (INT 70) – Aus 4071 (INT 71)**122(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef to James Price Point - Scientific instruments***Former Notice - 1085(T)/2010 is cancelled**Date - Until 30 June 2011*

Fugro Survey Pty Ltd (AA514506 - AA514508)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
14° 56'.62 S 121° 44'.93 E	subsurface
15° 00'.15 S 121° 46'.77 E	subsurface
15° 02'.37 S 121° 48'.41 E	lit buoy
15° 02'.57 S 121° 48'.24 E	lit buoy
15° 02'.81 S 121° 48'.08 E	subsurface
15° 03'.49 S 121° 48'.21 E	subsurface
15° 37'.37 S 121° 33'.86 E	lit buoy
15° 37'.56 S 121° 33'.85 E	lit buoy
15° 37'.77 S 121° 33'.88 E	lit buoy
15° 54'.51 S 121° 32'.06 E	lit buoy
16° 21'.57 S 121° 40'.16 E	lit buoy
16° 21'.74 S 121° 40'.19 E	lit buoy
16° 47'.49 S 121° 44'.21 E	lit buoy
16° 47'.63 S 121° 44'.04 E	lit buoy
16° 47'.95 S 121° 44'.02 E	lit buoy
17° 29'.45 S 121° 55'.32 E	lit buoy
17° 31'.24 S 122° 07'.52 E	lit buoy
17° 31'.27 S 122° 07'.59 E	lit buoy
17° 31'.41 S 122° 07'.45 E	lit buoy
17° 31'.19 S 122° 07'.52 E	lit buoy.

Chart temporarily affected – Aus 322 – Aus 323 – Aus 324 – AX 0322F**123(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Oil field northwestwards***Former Notice - 1144(T)/2010 is cancelled**Date - Until 30 June 2011*

Woodside Energy Ltd (AA514650)

ISV *Nor Australis*, *Venturer* and *Rockwater 2* will be conducting refurbishment work on the Wanaea oil field infrastructure within the following area (WGS84 datum):

19° 26'.5 S 116° 29'.0 E
 19° 33'.5 S 116° 30'.0 E
 19° 37'.0 S 116° 24'.5 E
 19° 36'.0 S 116° 24'.0 E.

FPSO *Cossack Pioneer* will be decommissioned mid March 2011.FPSO *Okha* will be established early May 2011.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 327 – Aus 741

28 January 2011

124(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument*Date* - Until 31 December 2011

Department of Transport WA (AA511737, AA514503, AA514504)

A scientific instrument marked by a special light buoy, *Fl(5)Y.20s*, exists in position 20° 50'.14 S 115° 30'.46 E.**Chart temporarily affected – Aus 62 – Aus 742 – Aus 743****125(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Seismic survey southwestwards***Former Notice* - 1338(T)/2010 is cancelled

Shell Development (Australia) Pty Ltd (AA505828, AA505837)

Cancel this notice on receipt.

Chart formerly affected – Aus 329 – Aus 745 - AU323113**126(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Goat Island - Light buoy re-established***Former Notice* - 1280(T)/2010 is cancelled

Department of Transport, Energy and Infrastructure SA Notice 3/2011 (AA514007)

Cancel this notice on receipt.

Chart formerly affected – Aus 120**127(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Marron Reef - Light beacon out of position**

A Duncan (AA514224, AA514228)

Light beacon (35° 09'.21 S 137° 49'.28 E) reported to lie 400m west (35° 09'.21 S 137° 49'.03 E) of its charted position.

Chart temporarily affected – Aus 139 – Aus 780 – Aus 781**128(T)/2011 AUSTRALIA - VICTORIA - Cape Duquesne to Port Campbell - Scientific instruments***Date* - Until 31 July 2012

Cardno (AA514821)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 38° 21'.75 S 141° 14'.47 E and 38° 43'.06 S 142° 46'.79 E.**Chart temporarily affected – Aus 348 – Aus 349 – Aus 787****129(T)/2011 AUSTRALIA - TASMANIA - Bluff Hill Point - Drilling operations northwestwards***Date* - Until 21 February 2011

Environment Resource Group (AA514299, AA514300)

MV *Yarabah* will be conducting drilling operations from the 10 February 2011 in two areas bounded by the following positions:

39° 58'.12 S 142° 52'.97 E

39° 51'.05 S 143° 05'.08 E

39° 54'.91 S 143° 05'.08 E

39° 54'.91 S 143° 10'.08 E

40° 03'.48 S 143° 10'.08 E

40° 07'.93 S 143° 02'.62 E

and

40° 38'.83 S 142° 53'.98 E

40° 26'.74 S 143° 20'.08 E

40° 47'.45 S 143° 36'.65 E

40° 59'.69 S 143° 11'.40 E.

Chart temporarily affected – Aus 4644 (INT 644) – Aus 4728 (INT 728)

28 January 2011

130(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Maribyrnong River - Harbour works*Date - Until 12 March 2011*

Victorian Notice 16(T)/2011 (AA514235)

Remediation work on berth No 1 (37° 49'.05 S 144° 54'.38 E) is in progress during the period 27 January to 3 February 2011 and 5 March to 12 March 2011.

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**131(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Rye - Dredging operations completed***Former Notice - 1352(T)/2010 is cancelled*

Victorian Notice 118(T)/2010 (AA505778)

Cancel this notice on receipt.

Chart formerly affected – Aus 158**132(T)/2011 AUSTRALIA - BASS STRAIT - Seismic survey***Date - Until 10 February 2011*

Northern Territory Shipping Agencies (AA514565)

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

39° 55'.21 S 146° 22'.67 E

39° 53'.60 S 146° 36'.28 E

40° 17'.20 S 146° 44'.37 E

40° 18'.82 S 146° 33'.18 E

40° 08'.08 S 146° 29'.49 E

40° 08'.31 S 146° 26'.99 E.

Chart temporarily affected – Aus 487 – Aus 4644**133(T)/2011 PACIFIC OCEAN - Scientific instruments***Former Notice - 1471(T)/2009 is cancelled*

JAMSTEC (AA514619)

Scientific instruments, Triton buoys, exist as follows:

Number	Position
4	0° 01'.02 S 155° 57'.35 E
5	1° 58'.97 S 156° 01'.84 E
6	4° 58'.03 S 156° 01'.00 E
9	0° 01'.48 S 146° 59'.98 E.

Chart temporarily affected – Aus 399 – Aus 4622 (INT 622)**134(T)/2011 PACIFIC OCEAN - South Fiji - Light buoy off station***Former Notice - 79(T)/2011 is cancelled*

Australian Bureau of Meteorology (AA514628)

The light buoy, *Fl. Y.2s* (26° 04'.0 S 176° 00'.0 E), is drifting and currently in position 25° 17'.81 S 176° 00'.11 E (26 Jan 2011).

Chart temporarily affected – Aus 4602 (INT 602)

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Thursday Island	Helicopter landing site	ACV <i>Hervey Bay</i>	P Jarvie
SA- Marron Reef	Light beacon		A Duncan

NAVIGATION WARNINGS

The following radio messages have been received during the period to 28 January 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

- 012 Cancelled.
- 013 Cancelled.
- 014 Cancelled.
- 015 Wavescan buoy M1 diameter 2.8m with flashing light in position 15° 02'·37 S 121° 48'·41 E with 1m diameter wave rider buoy M32 with flashing light within 0.3M. Waverider buoy M2 diameter 1m with flashing light in position 16° 47'·63 S 121° 44'·04 E. Wavescan buoy M24 diameter 2.8m with flashing light in position 17° 31'·26 S 122° 07'·59 E with 1m wave rider buoy M25 with flashing light within 0.3M.
- 016 Cancelled.
- 017 Special purpose vessel *Aquila Explorer* conducting seismic survey towing 5·4M cable in area bounded by 12° 32'·0 S to 16° 15'·0 S and 119° 20'·0 E to 124° 20'·0 E. 7M clearance requested.
- 018 Unlit yellow buoy 2m diameter in position 38° 08'·04 S 148° 30'·81 E.
- 019 Cancelled.
- 020 Cancelled.
- 021 Cancelled.
- 022 Cancelled.
- 023 Unlit pylon established in position 20° 01'·40 S 116° 18'·50 E.
- 024 Challis field 12° 09'·23 S 124° 49'·46 E. Decommissioning works commencing 250001 UTC Jan until further notice. 2M clearance requested.
- 025 Cancelled.
- 026 Cancelled.
- 027 Cancelled.
- 028 Karratha DGPS station ALRS Vol(2) in position 20° 42'·41 S 116° 46'·44 E temporarily discontinued.
- 029 Special purpose vessel *Ramform Explorer* conducting seismic survey in area bounded by 13° 55'·0 S to 15° 05'·0 S and 122° 25'·0 E to 123° 43'·0 E. 6M clearance requested.
- 030 Special purpose vessel *Geo Celtic* conducting seismic survey towing 4M cable in area bounded by 18° 24'·0 S to 19° 07'·0 S and 118° 30'·0 E to 119° 00'·0 E. 7M clearance requested.

NAVAREA X WARNINGS

Nil.

Navigational warnings in force as at 280001UTC JAN 11.**Auscoast**

2010 271 282 283 292 312 313 316 320 328

2011 007 008 015 017 018 023 024 028 029 030

Navarea X

2010 012 013 014

2011 001

Summary of mobile drilling rigs as at 280001UTC JAN 11.

<i>Name</i>	<i>Position</i>
Songa Venus	11° 31'·23 S 127° 07'·03 E
Ocean Epoch	19° 23'·15 S 116° 18'·12 E
Ensco 109	20° 17'·23 S 116° 16'·31 E
Atwood Eagle	20° 06'·37 S 114° 43'·08 E
Maersk Discoverer	19° 25'·32 S 114° 22'·34 E
Jack Bates	20° 03'·52 S 113° 35'·59 E

NAVAREA XIV WARNINGS

003 Cancelled.
004 South Pacific Ocean, Fiji, Viti Levu east coast and southern Lau Group. The following lights are unlit:
Makogai K4733.4 17° 27'·2S 178° 58'·60 E
Vatoa (Turtle Island) K4759 19° 49'·7S 178° 13'·4 W
005 Cancelled.
006 Cancelled.

Navarea XIV warnings in force as at 280001UTC Jan 11.

2010 038 047 051
2011 004