



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 167 - 211

Published fortnightly by the Australian Hydrographic Service

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Hydrographer of Australia

- SECTIONS.**
- I.** Australian Notices to Mariners, including blocks and notes.
 - II.** Amendments to Admiralty List of Lights and Fog Signals, Vol K
 - III.** Navigational Warnings.
 - IV.** Hydrographic Reports.
 - V.** Amendments to Admiralty List of Radio Signals (NP 281(2), 282, 283(2), 285, 286(4))
 - VI.** Amendments to Admiralty Sailing Directions (NP 9, 13, 14, 15, 17, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136)

British Admiralty Notices to Mariners
New Zealand Notices to Mariners

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

Bearings are referred to the true compass and are reckoned clockwise from 000° (North) to 359°; 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.*

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 South Coast Mail Centre, NSW 2521 (Fax 02-4221 8599, 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).

Copies of these notices can be obtained from the AUSTRALIAN HYDROGRAPHIC OFFICE, 8 Station Street, Wollongong; Distributors for the sale of Australian Navigational Products or register for eNotices at www.hydro.gov.au/enotices/enotices.htm.

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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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Edition No 5

5 March 2004

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167 AUSTRALIA - Products - Amendment to Australian Notice to Mariners No 2.
AHS (A75688 & A75689).

Substitute [accompanying pages](#) for pages 7 to 16 of Australian Notice to Mariners No 2.

168 AUSTRALIA - Products - Amendment to Australian Notice to Mariners No 23.
AMSA (A74895).

Amend page 120, para 9 contacts Brisbane Head Office as follows:

Fax +61 7 3026 2666
Phone +61 7 3026 2660
Postal GPO Box 826, Brisbane QLD 4001

169 AUSTRALIA - Miscellaneous correction.
UKHO (A74358).

Aus 139 (plan, Macdonnell Sound) [841/2003]
Substitute legend, 34 26, for legend 36 26 centred on 34° 55'.1 S 137° 44'.4 E

170* AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Submarine cable.
HMAS *Waterhen* (A75013 & A75560).

Aus 193 [140/2004]
Insert submarine cable between
35° 06'.486 S 150° 43'.092 E
35° 07'.103 S 150° 42'.131 E
35° 07'.518 S 150° 42'.221 E

171* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Lane Cove River - Nav aids.
Waterways NSW (A74091).

Aus 200 [331/2003]
Substitute starboard lateral conical light buoy, *Fl. G. 3s*, without topmark, for starboard lateral beacon 33° 50'.58 S 151° 10'.72 E
Delete port lateral beacon 33° 50'.20 S 151° 09'.65 E

Aus 202 [141/2004]
Substitute starboard lateral conical light buoy, *Fl. G. 3s*, without topmark, for starboard lateral beacon 33° 50'.48 S 151° 10'.80 E
Delete port lateral beacon 33° 50'.10 S 151° 09'.71 E

Aus 203 [393/2002]
Substitute starboard lateral conical light buoy, *Fl. G. 3s*, without topmark, for starboard lateral beacon 33° 50'.57 S 151° 10'.72 E
Delete port lateral beacon 33° 50'.20 S 151° 09'.65 E

172* AUSTRALIA - NEW SOUTH WALES - Newcastle - Nav aids.
Waterways NSW (A74089).

Aus 208 [142/2004]
Insert mooring buoy 32° 53'.465 S 151° 47'.339 E
Substitute starboard lateral beacon, without topmark, for pile 32° 53'.96 S 151° 47'.14 E

173* AUSTRALIA - NEW SOUTH WALES - Newcastle - Nav aids.
Waterways NSW (A74089).

Aus 207 [66/2004]
Insert south cardinal spar buoy, with topmark 32° 51'.605 S 151° 46'.838 E
east cardinal spar buoy, with topmark 32° 51'.539 S 151° 46'.950 E

174* AUSTRALIA - QUEENSLAND - Cape Moreton - Wreck southwards.
Maritime Safety Queensland Notice 59/2004 (A74948). Wreck is FV *Gulf Stream*

Aus 364 [143/2004]

Insert	non-dangerous wreck	27° 10'.10 S	153° 30'.02 E
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Aus 424 [143/2004]

Insert	non-dangerous wreck	27° 10'.0 S	153° 30'.0 E
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Delete	depth 23fm	27° 09'.8 S	153° 29'.1 E
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Aus 814 [96/2004]

Insert	non-dangerous wreck	27° 10'.09 S	153° 29'.95 E
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175* AUSTRALIA - QUEENSLAND - Point Cartwright - Wreck eastwards.

Maritime Safety Queensland Notice 58/2004 (A74947).

Aus 235 [97/2004]

Insert	depth, 46m, enclosed by danger circle, with legend <i>Wk</i>	26° 42'.49 S	153° 21'.67 E
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Aus 365 [867/2003]

Insert	depth, 25fm, enclosed by danger circle, with legend <i>Wk</i>	26° 42'.49 S	153° 21'.67 E
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Aus 424 [174/2004]

Insert	depth, 25fm, enclosed by danger circle, with legend <i>Wk</i>	26° 42'.4 S	153° 21'.7 E
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Delete	depth 29fm	26° 41'.0 S	153° 22'.0 E
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176* AUSTRALIA - QUEENSLAND - Baffle Creek - Wreck northeastwards.

Former Notice - 78(T)/2004 is cancelled

Maritime Safety Queensland Notice 41/2004 (A74188). Wreck is MV *Karma*

Aus 366 [333/2003]

Insert	depth, 5 ₄ fm, enclosed by danger circle, with legend <i>Wk</i>	24° 23'.93 S	152° 11'.04 E
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Aus 426 [821/2003]

Insert	depth, 5 ₄ fm, enclosed by danger circle, with legend <i>Wk</i>	24° 23'.8 S	152° 11'.0 E
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Delete	depth 12fm	24° 23'.0 S	152° 10'.2 E
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Aus 818 [513/2003]

Insert	depth, 10 ₄ m, enclosed by danger circle, with legend <i>Wk</i>	24° 23'.92 S	152° 10'.96 E
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Delete	depth 22m	24° 24'.2 S	152° 11'.3 E
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177* AUSTRALIA - QUEENSLAND - Shute Harbour - Nav aids.

Maritime Safety Queensland (A75510).

Aus 253 [871/2003]

Delete	light beacon structure colour	20° 18'.28 S	148° 47'.26 E
		20° 18'.12 S	148° 47'.17 E
		20° 17'.98 S	148° 47'.16 E
		20° 17'.67 S	148° 47'.18 E
		20° 17'.47 S	148° 47'.65 E

Aus 253 (plan, Shute Harbour)

Substitute	starboard lateral conical light buoy for light buoy	20° 18'.27 S	148° 47'.31 E
		20° 18'.11 S	148° 47'.21 E
		20° 17'.87 S	148° 47'.16 E

Delete	light structure colour	20° 18'.28 S	148° 47'.26 E
		20° 18'.12 S	148° 47'.17 E
		20° 17'.98 S	148° 47'.16 E
		20° 17'.67 S	148° 47'.18 E
		20° 17'.65 S	148° 47'.15 E
		20° 17'.62 S	148° 47'.55 E
		20° 17'.47 S	148° 47'.65 E
		20° 17'.49 S	148° 47'.98 E

178* AUSTRALIA - QUEENSLAND - West Molle Island - Mooring.
EPA Queensland (A70525).

Aus 253 [177/2004]

Insert	visitors mooring (INT 1 IU 3)	20° 15'.129 S	148° 48'.752 E
Delete	mooring buoy	20° 15'.32 S	148° 48'.72 E
	buoy	20° 15'.09 S	148° 48'.77 E
		20° 15'.18 S	148° 48'.74 E

179* AUSTRALIA - QUEENSLAND - Whitsunday Island - Light beacon.
Maritime Safety Queensland Notice 43/2004 (A74189).

Aus 252 [684/2003]

Insert	light beacon, <i>Fl. R.</i> 2.5s, with port lateral topmark	20° 17'.48 S	148° 54'.71 E
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Aus 253 [178/2004]

Insert	light beacon, <i>Fl. R.</i> 2.5s, with port lateral topmark	20° 17'.477 S	148° 54'.706 E
Delete	depth 0 ₇ m	20° 17'.49 S	148° 54'.70 E

Aus 254 (plan, Fitzalan Passage) [99/2004]

Insert	light beacon, <i>Fl. R.</i> 2.5s, with port lateral topmark	20° 17'.477 S	148° 54'.706 E
Delete	depth 0 ₇ m	20° 17'.49 S	148° 54'.70 E

180* AUSTRALIA - QUEENSLAND - Hook Island to Border Island - Moorings.
EPA Queensland (A74950 & A75239).

Aus 252 [179/2004]

Insert	visitors mooring (INT 1 IU 3)	20° 10'.32 S	149° 00'.44 E
		20° 09'.32 S	149° 01'.55 E
		20° 09'.98 S	148° 53'.14 E
Delete	depth 11 ₁ m	20° 10'.0 S	148° 53'.1 E
	depth 8 ₂ m	20° 10'.3 S	149° 00'.3 E
	depth 14m	20° 10'.2 S	149° 00'.5 E
	legend, Buoys (see Note), centred on	20° 08'.7 S	149° 02'.2 E

181* AUSTRALIA - QUEENSLAND - Pioneer Bay - Pipeline.
Maritime Safety Queensland (A74923).

Aus 252 [180/2004]

Insert	discharge pipeline between	20° 15'.85 S	148° 41'.50 E
		20° 16'.35 S	148° 41'.43 E

Aus 253 [179/2004]

Insert	discharge pipeline between	20° 15'.851 S	148° 41'.497 E
		20° 16'.346 S	148° 41'.426 E

182* AUSTRALIA - NORTHERN TERRITORY - Van Diemen Gulf - Depths.
 HMAS' Benalla & Shepparton HI 373, MMI 3-1-21630 (fA11900).

Aus 308 [794/2003]

Insert	LWL between	11° 44'.21 S	132° 35'.64 E
		11° 44'.25 S	132° 33'.16 E
		11° 43'.26 S	132° 30'.01 E
		11° 43'.21 S	132° 28'.09 E
	depth, 0 ₂ fm enclosed by contour	11° 40'.47 S	132° 27'.26 E
	depth, 1 ₅ fm, enclosed by contour	11° 41'.04 S	132° 25'.62 E
	rock awash, enclosed by danger circle	11° 43'.17 S	132° 27'.12 E
	depth, 3fm, enclosed by contour	11° 42'.71 S	132° 24'.64 E
	depth, 1 ₄ fm, enclosed by contour	11° 40'.40 S	132° 19'.41 E
	depth, 2 ₃ fm, enclosed by contour	11° 38'.56 S	132° 13'.70 E
	depth, 7 ₅ fm, and extend contour W to enclose	11° 43'.21 S	132° 19'.73 E
	depth, 3 ₃ fm, enclosed by contour	11° 42'.44 S	132° 14'.79 E
	depth, 4 ₂ fm, enclosed by contour	11° 43'.79 S	132° 15'.05 E
	depth, 7fm	(a) 11° 34'.93 S	131° 59'.03 E
	depth, 8fm	(b) 11° 37'.60 S	131° 59'.83 E
	contour enclosing (a) and (b)		
	depth, 3 ₁ fm, enclosed by contour	11° 36'.54 S	131° 59'.14 E
	depth, 9fm, enclosed by contour	11° 29'.42 S	131° 51'.69 E
	depth, 7 ₃ fm, and extend contour N to enclose	11° 42'.48 S	131° 57'.16 E
	depth, 5fm, enclosed by contour	11° 45'.38 S	131° 52'.10 E
	depth, 6 ₂ fm, and extend contour NW to enclose	11° 50'.24 S	131° 43'.41 E
Delete	LWL between	11° 44'.2 S	132° 35'.6 E
		11° 41'.2 S	132° 30'.7 E
	depth 1 ₁ fm	11° 44'.3 S	132° 31'.8 E
	depth 2 ₃ fm	11° 39'.9 S	132° 27'.0 E
	depth 4fm	11° 40'.2 S	132° 20'.4 E
	depth 9 ₂ fm	11° 42'.9 S	132° 20'.8 E
	depth 4 ₃ fm and enclosing contour with legend (P.A.)	11° 37'.2 S	132° 01'.0 E
	legend Discoloured water, centred on	11° 39'.2 S	132° 01'.9 E
	depth 11fm and semi-enclosing contour with legend		
	Unexam	11° 29'.6 S	131° 51'.7 E

Aus 442 [147/2004]

Insert	LWL between	11° 40'.8 S	132° 35'.9 E
		11° 45'.2 S	132° 33'.1 E
		11° 43'.2 S	132° 30'.0 E
		11° 42'.8 S	132° 28'.7 E
	depth, 0 ₂ fm enclosed by contour	11° 40'.4 S	132° 27'.3 E
	rock awash, enclosed by danger circle	11° 43'.1 S	132° 27'.2 E
	depth, 3fm, enclosed by contour	11° 42'.6 S	132° 24'.7 E
	depth, 1 ₄ fm, enclosed by contour	11° 40'.3 S	132° 19'.5 E
	depth, 2 ₃ fm, enclosed by contour	11° 38'.5 S	132° 13'.8 E
	depth, 7 ₅ fm, and extend contour SW to enclose	11° 43'.1 S	132° 19'.8 E
	depth, 3 ₃ fm, enclosed by contour	11° 42'.4 S	132° 14'.8 E
	depth, 7fm	(a) 11° 34'.8 S	131° 59'.1 E
	depth, 8fm	(b) 11° 37'.5 S	131° 59'.9 E
	contour enclosing (a) and (b)		
	depth, 3 ₁ fm, enclosed by contour	11° 36'.5 S	131° 59'.2 E
	depth, 9fm, enclosed by contour	11° 29'.3 S	131° 51'.8 E
	depth, 7 ₃ fm	11° 42'.4 S	131° 57'.2 E
	depth, 5fm, enclosed by contour	11° 45'.3 S	131° 52'.2 E
Delete	depth 1 ₁ fm	11° 43'.9 S	132° 32'.2 E
	depth 5 ₄ fm	11° 43'.2 S	132° 25'.4 E
	depth 9 ₂ fm	11° 42'.9 S	132° 20'.8 E
	depth 4 ₃ fm and enclosing contour with legend PA	11° 37'.2 S	132° 01'.0 E
	depth 11fm and enclosing contour, with legend Unexam	11° 28'.9 S	131° 51'.6 E

Insert	LWL between	11° 44'.12 S	132° 35'.71 E
		11° 45'.16 S	132° 33'.23 E
		11° 43'.17 S	132° 30'.08 E
		11° 43'.12 S	132° 28'.16 E
	depth, 0 ₆ m, enclosed by contour	11° 40'.38 S	132° 27'.33 E
	depth, 3 ₅ m, enclosed by contour	11° 40'.95 S	132° 25'.69 E
	rock awash, enclosed by danger circle	11° 43'.08 S	132° 27'.19 E
	depth, 1 ₁ m, enclosed by contour	11° 43'.61 S	132° 27'.84 E
	depth, 5 ₆ m, and extend contour W to enclose	11° 42'.62 S	132° 24'.71 E
	depth, 3 ₂ m, enclosed by contour	11° 40'.31 S	132° 19'.48 E
	depth, 4 ₅ m, enclosed by contour	11° 38'.47 S	132° 13'.77 E
	depth, 14 ₃ m, enclosed by contour	11° 43'.12 S	132° 19'.80 E
	depth, 6 ₄ m, enclosed by contour	11° 42'.35 S	132° 14'.86 E
	depth, 8 ₁ m, enclosed by contour	11° 43'.70 S	132° 15'.12 E
	depth, 12 ₈ m, enclosed by contour	11° 34'.84 S	131° 59'.10 E
	depth, 14 ₈ m	(a) 11° 37'.51 S	131° 59'.90 E
	depth, 11 ₂ m	(b) 11° 35'.58 S	131° 58'.85 E
	contour enclosing (a) and (b)		
	depth, 6m, enclosed by contour	11° 36'.45 S	131° 59'.21 E
	depth, 16 ₆ m, enclosed by contour	11° 29'.33 S	131° 51'.76 E
	depth, 13 ₈ m	(c) 11° 42'.39 S	131° 57'.23 E
	depth, 13 ₉ m	(d) 11° 43'.51 S	131° 57'.87 E
	contour enclosing (c) and (d)		
	depth, 9 ₁ m, enclosed by contour	11° 45'.29 S	131° 52'.17 E
	depth, 10 ₇ m, and extend contour SE to enclose	11° 46'.00 S	131° 52'.59 E
	depth, 11 ₆ m	(e) 11° 50'.15 S	131° 43'.48 E
	depth, 14 ₁ m	(f) 11° 48'.93 S	131° 43'.01 E
	contour enclosing (e) and (f)		
	unsurveyed boundary between	11° 44'.77 S	132° 37'.27 E
		11° 45'.46 S	132° 33'.01 E
	unsurveyed boundary between	11° 40'.95 S	132° 30'.10 E
		11° 40'.95 S	132° 27'.42 E
		11° 40'.44 S	132° 27'.42 E
	unsurveyed boundary between	11° 30'.59 S	132° 00'.84 E
		11° 30'.59 S	131° 58'.02 E
		11° 27'.74 S	131° 53'.38 E
	unsurveyed boundary between	11° 32'.40 S	131° 52'.42 E
		11° 34'.12 S	131° 54'.45 E
	unsurveyed boundary between	11° 34'.57 S	131° 55'.00 E
		11° 35'.61 S	131° 56'.18 E
	legend UNSURVEYED	11° 37'.0 S	131° 52'.3 E
Move	legend UNSURVEYED, centred on	11° 31'.2 S	131° 56'.2 E
	to	11° 28'.0 S	131° 56'.2 E
Delete	LWL between	11° 44'.1 S	132° 35'.7 E
		11° 41'.1 S	132° 30'.9 E
	depth 1 ₈ m and semi-enclosing contour	11° 44'.2 S	132° 31'.8 E
	legend UNSURVEYED	11° 41'.2 S	132° 27'.1 E
	depth 10 ₁ m	11° 42'.8 S	132° 24'.7 E
	legend Inadequately Surveyed (see ZOC Diagram), centred on	11° 42'.8 S	132° 16'.7 E
	depth 8 ₂ m and enclosing contour with legend PA	11° 37'.1 S	132° 01'.0 E
	legend Discoloured water, centred on	11° 39'.2 S	132° 01'.3 E
	depth 19 ₈ m and enclosing contour	11° 37'.3 S	131° 59'.7 E
	depth 20m and semi-enclosing contour with legend Unexam (1939)	11° 29'.6 S	131° 51'.8 E
	depth 14 ₆ m	11° 45'.1 S	131° 51'.9 E
	unsurveyed boundary between	11° 45'.5 S	132° 33'.0 E
		11° 40'.4 S	132° 27'.4 E
	unsurveyed boundary between	11° 30'.6 S	132° 00'.8 E
		11° 35'.6 S	131° 56'.2 E
	unsurveyed boundary between	11° 27'.7 S	131° 53'.4 E
		11° 32'.4 S	131° 52'.4 E
	unsurveyed boundary between	11° 34'.1 S	131° 54'.5 E
		11° 34'.6 S	131° 55'.0 E

Aus 721 [794/2003]

Insert	depth, 12 ₈ m, enclosed by contour	11° 34'.84 S	131° 59'.10 E
	depth, 14 ₈ m	(a) 11° 37'.51 S	131° 59'.90 E
	depth, 11 ₂ m	(b) 11° 35'.58 S	131° 58'.85 E
	contour enclosing (a) and (b)		
	depth, 6m, enclosed by contour	11° 36'.45 S	131° 59'.21 E
	depth, 16 ₆ m, enclosed by contour	11° 29'.33 S	131° 51'.76 E
	unsurveyed boundary between	11° 30'.59 S	132° 00'.84 E
		11° 30'.59 S	131° 58'.02 E
		11° 27'.74 S	131° 53'.38 E
	unsurveyed boundary between	11° 32'.40 S	131° 52'.42 E
		11° 34'.12 S	131° 54'.45 E
	unsurveyed boundary between	11° 34'.57 S	131° 55'.00 E
		11° 35'.61 S	131° 56'.18 E
Move	legend UNSURVEYED, centred on	11° 30'.5 S	131° 55'.8 E
	to	11° 28'.0 S	131° 56'.2 E
Delete	depth 8 ₂ m and enclosing contour with legend PA	11° 37'.1 S	132° 01'.0 E
	legend Discoloured water, centred on	11° 39'.2 S	132° 01'.3 E
	depth 19 ₈ m and enclosing contour	11° 37'.3 S	131° 59'.7 E
	depth 20m and semi-enclosing contour with legend Unexam (1939)		
	unsurveyed boundary between	11° 29'.6 S	131° 51'.8 E
		11° 30'.6 S	132° 00'.8 E
		11° 35'.6 S	131° 56'.2 E
	unsurveyed boundary between	11° 27'.7 S	131° 53'.4 E
		11° 32'.4 S	131° 52'.4 E
	unsurveyed boundary between	11° 34'.1 S	131° 54'.5 E
		11° 34'.6 S	131° 55'.0 E

AX 70308 [794/2003]

Insert	LWL between	11° 44'.21 S	132° 35'.64 E
		11° 44'.25 S	132° 33'.16 E
		11° 43'.26 S	132° 30'.01 E
		11° 43'.21 S	132° 28'.09 E
	depth, 0 ₂ fm enclosed by contour	11° 40'.47 S	132° 27'.26 E
	depth, 1 ₅ fm, enclosed by contour	11° 41'.04 S	132° 25'.62 E
	rock awash, enclosed by danger circle	11° 43'.17 S	132° 27'.12 E
	depth, 3fm, enclosed by contour	11° 42'.71 S	132° 24'.64 E
	depth, 1 ₄ fm, enclosed by contour	11° 40'.40 S	132° 19'.41 E
	depth, 2 ₃ fm, enclosed by contour	11° 38'.56 S	132° 13'.70 E
	depth, 7 ₅ fm, and extend contour W to enclose	11° 43'.21 S	132° 19'.73 E
	depth, 3 ₃ fm, enclosed by contour	11° 42'.44 S	132° 14'.79 E
	depth, 4 ₂ fm, enclosed by contour	11° 43'.79 S	132° 15'.05 E
	depth, 7fm	(a) 11° 34'.93 S	131° 59'.03 E
	depth, 8fm	(b) 11° 37'.60 S	131° 59'.83 E
	contour enclosing (a) and (b)		
	depth, 3 ₁ fm, enclosed by contour	11° 36'.54 S	131° 59'.14 E
	depth, 9fm, enclosed by contour	11° 29'.42 S	131° 51'.69 E
	depth, 7 ₃ fm, and extend contour N to enclose	11° 42'.48 S	131° 57'.16 E
	depth, 5fm, enclosed by contour	11° 45'.38 S	131° 52'.10 E
	depth, 6 ₂ fm, and extend contour NW to enclose	11° 50'.24 S	131° 43'.41 E
Delete	LWL between	11° 44'.2 S	132° 35'.6 E
		11° 41'.2 S	132° 30'.7 E
	depth 1 ₁ fm	11° 44'.3 S	132° 31'.8 E
	depth 2 ₃ fm	11° 39'.9 S	132° 27'.0 E
	depth 4fm	11° 40'.2 S	132° 20'.4 E
	depth 9 ₂ fm	11° 42'.9 S	132° 20'.8 E
	depth 4 ₃ fm and enclosing contour with legend (P.A.)	11° 37'.2 S	132° 01'.0 E
	legend Discoloured water, centred on	11° 39'.2 S	132° 01'.9 E
	depth 11fm and semi-enclosing contour with legend Unexam		
		11° 29'.6 S	131° 51'.7 E

183* WESTERN AUSTRALIA - Dampier - Restricted area.
Dampier Port Authority Notice 4/2004 (A75177).

Aus 57 [720/2003]

Insert	restricted area boundary between	20° 34'.97 S	116° 46'.90 E
		20° 35'.13 S	116° 47'.18 E

Delete	restricted area boundary between	20° 34'.97 S	116° 46'.90 E
		20° 35'.30 S	116° 47'.02 E

Aus 58 [71/2004]

Insert	restricted area boundary between	20° 34'.97 S	116° 46'.90 E
		20° 35'.13 S	116° 47'.18 E

Delete	restricted area boundary between	20° 34'.97 S	116° 46'.90 E
		20° 35'.30 S	116° 47'.02 E

Aus 59 (plan, Withnell Bay to King Bay) [71/2004]

Insert	restricted area boundary between	20° 35'.05 S	116° 46'.83 E
		20° 35'.21 S	116° 47'.11 E

Delete	restricted area boundary between	20° 35'.05 S	116° 46'.83 E
		20° 35'.41 S	116° 46'.96 E

184* WESTERN AUSTRALIA - Dampier - Nav aids.

Dampier Port Authority Notice 2/2004 (A75176).

Aus 59 (plan, Withnell Bay to King Bay) [183/2004]

Insert	starboard lateral spar light buoy, <i>Q. G No 1</i> , without topmark	20° 38'.066 S	116° 44'.064 E
	port lateral spar light buoy, <i>Fl. R. 2.5s No 2</i> , without topmark	20° 38'.007 S	116° 44'.076 E
	starboard lateral conical light buoy, <i>Fl. G. 2.5s No 3</i> , without topmark	20° 38'.062 S	116° 44'.210 E
	port lateral cylindrical light buoy, <i>Fl. R. 2.5s No 4</i> , without topmark	20° 38'.009 S	116° 44'.212 E
	starboard lateral conical light buoy, <i>Fl. G. 2.5s No 5</i> , without topmark	20° 38'.058 S	116° 44'.401 E
	port lateral cylindrical light buoy, <i>Fl. R. 2.5s No 6</i> , without topmark	20° 38'.018 S	116° 44'.411 E
	starboard lateral conical light buoy, <i>Fl. G. 2.5s No 7</i> , without topmark	20° 38'.051 S	116° 44'.593 E
	port lateral cylindrical light buoy, <i>Fl. R. 2.5s No 8</i> , without topmark	20° 38'.012 S	116° 44'.597 E
	starboard lateral conical light buoy, <i>Fl. G. 2.5s No 9</i> , without topmark	20° 38'.055 S	116° 44'.788 E
	port lateral cylindrical light buoy, <i>Fl. R. 2.5s No 10</i> , without topmark	20° 38'.022 S	116° 44'.780 E
	starboard lateral conical light buoy, <i>Fl. G. 2.5s No 13</i> , without topmark	20° 38'.049 S	116° 44'.954 E
	port lateral cylindrical light buoy, <i>Fl. R. 2.5s No 14</i> , without topmark	20° 37'.961 S	116° 44'.865 E
	starboard lateral conical light buoy, <i>Fl. G. 2.5s No 17</i> , without topmark	20° 38'.049 S	116° 45'.092 E
	starboard lateral conical light buoy, <i>Fl. G. 2.5s No 19</i> , without topmark	20° 38'.051 S	116° 45'.226 E

Delete	starboard lateral light buoy	20° 38'.04 S	116° 44'.05 E
		20° 38'.05 S	116° 44'.40 E
		20° 38'.05 S	116° 44'.77 E
		20° 38'.05 S	116° 45'.00 E
		20° 38'.05 S	116° 45'.22 E
	port lateral light buoy	20° 38'.01 S	116° 44'.05 E
		20° 38'.01 S	116° 44'.40 E
		20° 38'.01 S	116° 44'.78 E
	port lateral buoy	20° 37'.98 S	116° 44'.81 E
		20° 37'.85 S	116° 44'.85 E
	drying height 2m	20° 38'.05 S	116° 45'.26 E

185* AUSTRALIA - TASMANIA - Burnie - Harbour works.

Former Notice - 704(T)/2003 is cancelled

Burnie Port Corporation (A74966 & A75290), Marine and Safety Tasmania Notice M15-04 (A75420).

Aus 163 [885/2003]

Insert	HWL between	41° 03'.060 S	145° 54'.615 E
		41° 03'.040 S	145° 54'.625 E

Delete	HWL between	41° 03'.06 S	145° 54'.62 E
		41° 03'.05 S	145° 54'.67 E
		41° 03'.07 S	145° 54'.66 E
		41° 03'.04 S	145° 54'.63 E

Aus 163 (plan, Port of Burnie)

Insert	accompanying block	41° 03'.05 S	145° 54'.79 E
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186* AUSTRALIA - TASMANIA - Smithton - Light buoy.

Marine and Safety Tasmania Notice M11/2004 (A75008 & A75186).

Aus 178 (plan, Smithton) [694/2003]

Insert	special pillar light buoy, Q. Y, with topmark	40° 47'.051 S	145° 07'.123 E
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Delete	depth 1 ₁ m	40° 47'.02 S	145° 07'.16 E
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Aus 790 [497/2003]

Insert	special pillar light buoy, Q. Y, with topmark	40° 47'.14 S	145° 07'.04 E
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Delete	starboard lateral buoy	40° 47'.0 S	145° 06'.7 E
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187* AUSTRALIA - VICTORIA - Port Phillip - Mud Island - Beacons.

Former Notice - 818(T)/2002 is cancelled

Parks Victoria (A75012).

Aus 144 [532/2003]

Insert	special beacon, with topmark	38° 15'.60 S	144° 45'.22 E
		38° 16'.95 S	144° 45'.17 E

Delete	depth 3 ₃ m	38° 15'.6 S	144° 45'.2 E
	depth 1m	38° 16'.9 S	144° 45'.1 E

Aus 158 [560/2003]

Insert	special beacon, with topmark	38° 15'.69 S	144° 45'.14 E
		38° 16'.72 S	144° 46'.85 E
		38° 17'.07 S	144° 46'.79 E
		38° 17'.04 S	144° 45'.09 E

Delete	depth 3 ₃ m	38° 15'.6 S	144° 45'.2 E
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188* AUSTRALIA - VICTORIA - Port Phillip - Swan Bay - Beacons.
Parks Victoria (A75012).

Aus 158 [187/2004]

Insert	special beacon with topmark	38° 13'.677 S	144° 39'.247 E
		38° 13'.858 S	144° 39'.238 E
		38° 13'.406 S	144° 40'.124 E
		38° 13'.551 S	144° 40'.189 E
		38° 13'.144 S	144° 40'.908 E
		38° 13'.250 S	144° 41'.234 E

189* AUSTRALIA - VICTORIA - Port Phillip - Point Wilson - Buoy.

Former Notice - 774(T)/1998 is cancelled
Victorian Notice 4/2004 (A73063).

Aus 143 [113/2004]

Substitute	starboard lateral conical buoy, without topmark, for buoy with legend Arthur the Great	38° 04'.88 S	144° 33'.23 E
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Aus 157 [113/2004]

Substitute	starboard lateral conical buoy, without topmark, for buoy with legend Arthur the Great	38° 04'.97 S	144° 33'.15 E
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190* AUSTRALIA - VICTORIA - Port Philip - Point Cook to Ricketts Point - Beacons.

Parks Victoria (A75012).

Aus 155 [560/2003]

Insert	special beacon, with topmark	37° 56'.127 S	144° 46'.738 E
		37° 55'.320 S	144° 48'.620 E
		37° 55'.837 S	144° 48'.608 E
		37° 52'.264 S	144° 52'.631 E
		37° 51'.850 S	144° 52'.178 E
		37° 59'.106 S	145° 00'.807 E
		37° 59'.870 S	145° 02'.328 E
Delete	depth 4 ₁ m	37° 55'.37 S	144° 48'.57 E
	depth 1 ₇ m	37° 59'.04 S	145° 00'.81 E
	depth 0 ₅ m	37° 59'.86 S	145° 02'.29 E

191* AUSTRALIA - VICTORIA - Western Port - French Island - Beacons.

Former Notice - 819(T)/2002 is cancelled
Parks Victoria (A75012).

Aus 150 [116/2004]

Insert	special beacon, with topmark	38° 16'.41 S	145° 18'.75 E
		38° 17'.55 S	145° 22'.11 E
		38° 16'.77 S	145° 25'.17 E
		38° 17'.57 S	145° 27'.25 E
Delete	drying height 0 ₉ m	38° 16'.4 S	145° 18'.7 E

Aus 151 (inset, (Continuation of chart)) [116/2004]

Insert	special beacon, with topmark	38° 16'.408 S	145° 18'.745 E
		38° 17'.545 S	145° 22'.109 E
		38° 17'.114 S	145° 23'.204 E
		38° 16'.773 S	145° 25'.167 E
Delete	drying height 0 ₉ m	38° 16'.43 S	145° 18'.72 E
	depth 0 ₄ m	38° 16'.43 S	145° 18'.83 E
	depth 0 ₆ m	38° 17'.54 S	145° 22'.13 E
	depth 3m	38° 17'.07 S	145° 23'.25 E
	depth 4 ₈ m	38° 16'.72 S	145° 25'.24 E

192* AUSTRALIA - VICTORIA - Western Port - Churchill Island - Beacon.
Parks Victoria (A75012).

Aus 150 [191/2004]

Insert special beacon, with topmark

38° 29'.42 S

145° 19'.48 E

193* AUSTRALIA - BASS STRAIT - Kincunda - Gas pipeline southwards.

Former Notice - 783(P)/2003 is cancelled

Originenergy (A74882 & A75195).

Aus 150 [192/2004]

Insert supply pipeline, with legend *Gas (see Note)*, between

38° 33'.55 S

145° 29'.24 E

38° 35'.27 S

145° 27'.75 E

38° 38'.40 S

145° 27'.83 E

[accompanying note](#)

38° 20'.9 S

145° 04'.0 E

Aus 350 [115/2004]

Insert supply pipeline, with legend *Gas (see Note)*, between

38° 33'.55 S

145° 29'.23 E

38° 35'.27 S

145° 27'.75 E

38° 47'.91 S

145° 28'.08 E

39° 48'.60 S

145° 48'.25 E

[accompanying note](#)

38° 44'.0 S

146° 00'.0 E

Aus 422 [115/2004]

Insert supply pipeline, with legend *Gas (see Note)*, between

38° 33'.8 S

145° 29'.9 E

38° 35'.3 S

145° 27'.8 E

38° 47'.9 S

145° 28'.1 E

39° 50'.8 S

145° 49'.0 E

Aus 445B [115/2004]

Insert supply pipeline, with legend *Gas (see Note)*, between

38° 33'.58 S

145° 29'.19 E

38° 35'.27 S

145° 27'.75 E

38° 47'.91 S

145° 28'.08 E

39° 50'.77 S

145° 49'.02 E

[accompanying note](#)

38° 33'.0 S

145° 55'.0 E

Aus 801 [115/2004]

Insert supply pipeline, with legend *Gas (see Note)*, between

38° 33'.54 S

145° 29'.24 E

38° 35'.27 S

145° 27'.75 E

38° 47'.91 S

145° 28'.08 E

39° 11'.47 S

145° 35'.96 E

[accompanying note](#)

38° 41'.0 S

145° 59'.5 E

194(T)/2004 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Obstructions.

Date - Until 30 March 2004

Danger to navigation warning 026/04 (A75460).

Ground mine shapes have been laid in area bounded by positions (AGD 66) as follows:

34° 59'.09 S 150° 39'.94 E

34° 59'.09 S 150° 59'.94 E

35° 12'.09 S 150° 39'.94 E

35° 12'.09 S 150° 59'.94 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 193 – Aus 807 – Aus 808 – AX 70808.

195(T)/2204 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Obstructions.

Date - Until 10 August 2004

Danger to navigation warning 025/04 (A75460).

Ground mine shapes have been laid as follows:

35° 04'.737 S 150° 43'.801 E

35° 04'.983 S 150° 43'.740 E

35° 05'.236 S 150° 43'.741 E

35° 05'.556 S 150° 43'.739 E

35° 04'.728 S 150° 44'.101 E

35° 04'.945 S 150° 44'.073 E

35° 05'.241 S 150° 44'.041 E

35° 05'.584 S 150° 44'.057 E

35° 04'.748 S 150° 44'.375 E

35° 04'.979 S 150° 44'.326 E

35° 05'.280 S 150° 44'.365 E

35° 05'.550 S 150° 44'.300 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 193.

196(P)/2004 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Breakfast Point to Mortlake Point - Light beacons.

Waterways NSW (A75813).

A light beacon, *Fl. R. 3s & Q. Bu (occas)*, has been established in position 33° 50'.34 S 151° 06'.64 E.

The light beacon (33° 50'.13 S 151° 06'.16 E) has been altered to *Fl. R. 3s & Q. Bu (occas)*.

Charting action will be undertaken on receipt of surveyed positions.

Chart which will be affected - Aus 200 - Aus 203.

197(T)/2004 AUSTRALIA - NEW SOUTH WALES - Broken Bay to Port Stephens - Seismic survey completed.

Former Notice - 889(T)/2003 is cancelled

Bounty Oil & Gas (A75213).

Cancel this notice on receipt.

Chart formerly affected - Aus 197 - Aus 209 - Aus 361 - Aus 362 - Aus 809 - Aus 810 – AX 70197.

198(T)/2004 AUSTRALIA - NEW SOUTH WALES - Cook Island - Scientific instrument.

Former Notice - 111(T)/2002 is cancelled

Maritime Safety Queensland Notice 68(T)/2004 (A75427).

A special light buoy, *Fl(5)Y. 20s*, exists in position 28° 11'.70 S 153° 34'.64 E (WGS 84).

Craft are not to use this buoy as a mooring.

Chart temporarily affected - Aus 813 - Aus 814.

199(T)/2004 AUSTRALIA - QUEENSLAND - Burleigh Head to Weipa - Scientific instruments.

Former Notice - 136(T)/2003 is cancelled

Maritime Safety Queensland Notice 68(T)/2004 (A75427).

As of 17 February 2004 special light buoys, *Fl(5) Y. 20s*, are on station in the positions (WGS 84) below.

Craft are not to use these buoys as moorings.

The most convenient chart is quoted.

<i>Location</i>	<i>Position</i>	<i>Depth</i>	<i>Chart affected</i>
* Main Beach	27° 57'.94 S 153° 26'.56 E		Aus 814
* Main Beach	27° 57'.84 S 153° 26'.53 E	16m	Aus 814
* Point Lookout	27° 29'.75 S 153° 37'.49 E	70m	Aus 814
* Moreton Bay	27° 14'.97 S 153° 11'.89 E	10m	Aus 236
* Arkwright Point	26° 34'.33 S 153° 07'.12 E	20m	Aus 365
* Lisa Jane Shoal	23° 18'.38 S 151° 04'.55 E	22m	Aus 247
* Hay Point	21° 16'.43 S 149° 18'.61 E	15m	Aus 249
Bailey Islet	21° 02'.59 S 149° 32'.88 E	25m	Aus 251
* Cape Cleveland	19° 09'.49 S 147° 03'.79 E	20m	Aus 256
* Double Island	16° 44'.00 S 145° 42'.60 E	14m	Aus 830
* Albatross Bay	12° 40'.56 S 141° 45'.11 E	6.6m	Aus 4

* Indicates new or revised entry.

Chart temporarily affected - Aus 4 - Aus 236 - Aus 247 - Aus 249 - Aus 251 - Aus 256 - Aus 365 - Aus 814 - Aus 830.

200(T)/2004 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling.

Former Notice - 662(T)/2003 is cancelled

Maritime Safety Queensland Notice 74(T)/2004 (A75721).

Shoaling, least depth *3.5 metres LAT (3.7 metres ISLW)*, exists across the centre line leads (255°) and least depth *4.6 metres LAT (4.8 metres ISLW)*, across the bar clearance leads (291°). Breaking waves are experienced when the sea rises above 1 metre.

Mariners should proceed with caution when transiting the seaway, with deeper draft vessels avoiding the area of minimum depth immediately north of the centre line leads.

Chart temporarily affected - Aus 814.

201(T)/2004 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Dredging operations.

Former Notice - 665(T)/2003 is cancelled

Maritime Safety Queensland Notices 69(T)/2004 (A75428).

Dredge *John G Francis* is operating in the berth pockets of the Oil and Bulk Sugar terminals (24° 46'.15 S 152° 22'.89 E and 24° 46'.28 S 152° 22'.91 E).

The dredge can be contacted on VHF Ch 12 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242.

202(T)/2004 AUSTRALIA - QUEENSLAND - Gladstone - Barge; light buoys withdrawn.

Former Notice - 573(T)/2003 is cancelled

Maritime Safety Queensland Notice 62/2004 (A75429).

Cancel this notice on receipt.

Chart formerly affected - Aus 244 - Aus 245.

203(T)/2004 AUSTRALIA - QUEENSLAND - Fitzroy Island - Wreck southwards.

Maritime Safety Queensland Notice 57(T)/2004 (A74946).

A wreck exists in position 17° 01'.81 S 145° 59'.34 E.

Chart temporarily affected - Aus 372 - Aus 373 - Aus 830 - AU418145.

204(T)/2004 WESTERN AUSTRALIA - Barrow Island - Scientific instruments recovered.

Former Notice - 616(T)/2003 is cancelled

WNI (A74822).

Cancel this notice on receipt.

Chart formerly affected - Aus 327 - Aus 328 - Aus 742 - Aus 743.

205(T)/2004 WESTERN AUSTRALIA - Barrow Island - Scientific instruments.

Date - Until 1 August 2004

WNI (A74822).

Scientific instruments exist as follows:

<i>Position (WGS 84)</i>	<i>Remarks</i>
20° 47'.74 S 115° 35'.21 E	4 surface poly floats
20° 47'.79 S 115° 35'.22 E	Fl(5) Y. 20s

Chart temporarily affected - Aus 327 - Aus 328 - Aus 742.

206(T)/2004 WESTERN AUSTRALIA - Hillarys Boat Harbour - Buoy.

DPI WA (A75425).

A special buoy exists in position 31° 49'.38 S 115° 43'.90 E.

Chart temporarily affected - Aus 754.

207(T)/2004 SOUTH AUSTRALIA - Port Adelaide - Drilling operations.

Date - Until 10 April 2004

Transport SA Notice 5/2004 (A75667).

A barge is carrying out drilling operations between positions 34° 50'.2 S 138° 30'.5 E and 34° 50'.5 S 138° 30'.5 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 137.

208(T)/2004 SOUTH AUSTRALIA - Port Adelaide - Wreck.

Transport SA Notice 6/2004 (A75668). Wreck is SV *New Endeavour*

A stranded wreck exists in position 34° 50'.5 S 138° 30'.5 E.

Chart temporarily affected - Aus 137.

209(T)/2004 AUSTRALIA - TASMANIA - Devonport - Depth information.

Port of Devonport Corp (A75424).

Available depths as at 10 February 2004:

	<i>Metres</i>
Entrance Channel	9.0
Swing Basin	8.8
Berths:	
No 1E	6.5
No 2E	8.6
No 3E	8.0
No 1W	9.0
No 2W	6.1
No 3W	6.1
No 4W	10.3

Chart temporarily affected - Aus 164.

210(T)/2004 AUSTRALIA - TASMANIA - Devonport - Light beacon destroyed; light buoy.

Port of Devonport Corp (A75424).

Port lateral light beacon (41° 11'.16 S 146° 21'.92 E) has been destroyed; a port lateral light buoy, Q. R, exists in situ.

Chart temporarily affected - Aus 164.

211(T)/2004 AUSTRALIA - VICTORIA - Western Port - North Arm - Obstruction.

Victorian Notice 15(T)/2004 (A75423).

An obstruction, reducing dredged channel depth to 8 metres, exists in position 38° 18'.4 S 145° 13'. 9 E.

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

II

AMENDMENTS TO ADMIRALTY LIST OF LIGHT AND FOG SIGNALS VOLUME K 2004/05

Edition No 5 dated 5 March 2004.

Last Amendment: Edition No 4 dated 20 February 2004

1204	- Pasuruan. Kali Gembong	7 37.6 112 55.2	Fl W 5s	14	4	White mast 12	<i>fl 0.5</i>
	*				*		
1240	- Tribung	7 05.1 114 16.5	Fl W 5s	59	20	White 8-sided framework tower 59	<i>fl 0.5</i> . Obscured by Pulau Sapudi 230°-322°(92°), by Pulau Puteran when bearing more than 084° and by Pulau Giliyang when bearing less than 145°
	*				*		
1807.5	-- Boat Ramp. Ldg Lts 308°. Front	33 57.1 120 07.3	Iso Bu 4s	3	6	Orange △ on beacon	
	*						
2773	<i>Remove from List</i>						
2775-811	--	32 40.5 151 59.9	Fl G 3s	...	...	△ on green beacon	
	*	*	*	*	*	*	*
2775-819	-	32 40.6 152 00.9	Fl G 3s	...	...	△ on green beacon	
	*	*	*	*	*	*	*
3286	- Sugar-Ran Reef	9 53.8 143 13.1	Fl R 2.5s	10	6	Red □ on red hut, on red pile 7	<i>fl 0.5</i> . Ra refl
		*		*			
3718-751	Shoal Bay	35 49.0 174 29.5	Q(6)+LFl W 15s	4	1	▽ on black beacon, yellow top	
	*	*	*	*	*	*	*
3718-755	-	35 47.9 174 28.2	Q(9) W 15s	4	1	⊠ on yellow beacon, black band	
	*	*	*	*	*	*	*
3718-757	-	35 48.0 174 27.1	Q(3) W 10s	4	1	◊ on black beacon, yellow band	
	*	*	*	*	*	*	*
3992	Cape Kidnappers (MSA)	39 38.8 177 05.5	Fl(2) W 15s	112	8	White square metal tower 4	<i>fl 0.4, ec 2.2, fl 0.4, ec 12</i>
							*
4277	- Kaikoura S. Breakwater. Head	42 25.6 173 40.9	Iso G 2s	5	6	Metal post, black and white bands 3	
							*
4704-1	---- Rear. 1M from front	17 54.5 177 17.7	Q W	64	20	White and orange tower 7	Arc of vis obscured by mangroves N and S side of bay
							*
4732	Batiki Island. Irene Point	17 46.2 179 08.6	Fl W 4.5s	35	16	White 8-sided tower, square concrete base 6	<i>fl 0.3</i> . Vis 359°-241°(242°)
							*
4835	-- Port de Wé. Ldg Lts 197°. Front	20 55.0 167 16.7	Fl W 4s	3	6	White post	
							*

II

Volume K *continued*

4835-1	---- Rear. 16m from front	20 55.0 167 16.7	Fl W 4s	10	6	Black column 7	Synchronized with front
							*
4965-96	- Passe Rautirare	17 46.8 149 24.0	Fl(3) G 6s	6	5	Green $\triangle$ on green beacon 7	TE 2004
							*
4982-9	- Pointe Teahuatea	16 30.3 151 45.6	Fl G 2.5s	3	5	Green $\triangle$ on green beacon 9	<i>fl 0.5. TE 2004</i>
							*
5001-18	<i>Remove from List</i>						

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 20 February 2004. 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

- 031 Cancelled.
- 032 E Coast. Seismic survey vessel *Polar Duke* towing 3.5M cable in area bounded by 33° 26'.3 S 151° 29'.6 E to 33° 09'.1 S 151° 39'.5 E to 32° 52'.3 S 151° 59'.6 E to 32° 40'.2 S 152° 25'.6 E to 32° 55'.5 S 152° 41'.2 E to 33° 39'.5 S 151° 44'.2 E. 5M clearance requested.
- 033 Cancelled.
- 034 Cancelled.
- 035 Cancelled.
- 036 Cancelled.
- 037 SW Coast. Seismic survey vessel *Southern Surveyor* towing 600m cable in area bounded by 36° 20' S and 116° 30' E to 121° 30' E and northward to coastline.
- 038 Cancelled.
- 039 Cancelled.
- 040 SE Coast. MV *Geosea* conducting underwater diving operations between 38° 43'.0 S 142° 57'.5 E to 38° 37'.0 S 142° 57'.0 E.
- 041 Cancelled.
- 042 E Coast. Exercise mines laid in southern approaches to Jervis Bay as follows: 35° 07'.983 S 150° 47'.253 E, 35° 08'.084 S 150° 47'.398 E and 35° 08'.200 S 150° 47'.635 E. Buoyant mine shapes are located 10m below surface.
- 043 Cancelled.
- 044 Cancelled.
- 045 Cancelled.
- 046 NW Coast. Port Walcott buoy No 60 (20° 27'.4 S 117° 27'.2 E) off station.
- 047 Cancelled.
- 048 Cancelled.
- 049 NW Coast. Seismic SV *Veritas Viking* towing eight 6km cables in area bounded by 19° 20' S to 19° 55' S and 113° 40' E to 114° 30' E.
- 050 NW Coast. Seismic SV *Western Trident* towing ten 2.5M cables in area bounded by 19° 10' S to 20° 30' S and 112° 30' E to 113° 40' E. Support vessel *Total Voyager* in attendance; both vessels monitoring VHF Ch 16 and 72.
- 051 SE Coast. Whiting platform light (38° 14'.4 S 147° 52'.5 E) unlit.
- 052 NW Coast. Drill rig *Ensco 56* in position 20° 33'.3 S 115° 42'.5 E. 2.5M clearance requested.
- 053 Cancelled.
- 054 NW Coast. Drill rig *Atwood Eagle* in position 21° 56'.0 S 114° 15'.0 E. 2.5M clearance requested.
- 055 NE Coast. Turtle Head tide gauge ALRS Vol 3(2) (10° 31'.3 S 142° 12'.7 E) unreliable.

NAVAREA X WARNINGS

Nil

Navigational warnings in force as at 190001UTC FEB 04.

Auscoast

2003 303 304.
2004 003 005 009 018 032 037 040 042 046 049 050 051 052 054 055.

Navarea X

2003 014 022 023 025 035 036 039 045.
2004 Nil

Summary of mobile drilling rigs as at 190001UTC FEB 04.

Name	Position
Ensco 104	11° 04'.2 S 126° 36'.8 E
Ocean Bounty	13° 54'.0 S 123° 09'.5 E
Ocean Epoch	19° 17'.0 S 116° 38'.7 E
Ensco 56	20° 33'.3 S 115° 42'.5 E
Sedco 703	21° 11'.5 S 114° 41'.9 E
Atwood Eagle	21° 56'.0 S 114° 15'.0 E.

III

NAVAREA XIV WARNINGS

2004

- 010 Cancelled.
- 011 South Pacific. Fiji. Navula Reef south end light K4702 (17° 55' S 177° 13' E) and Momi Bay rear leading light K4704.1 (17° 54' S 177° 18' E) reported extinguished.
- 012 Cancelled.

Navarea XIV warnings in force as at 190001UTC FEB 04.

2003 113.

2004 011.

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
SOLOMON ISLANDS- Honiara Sealark Channel Allardyce Harbour Gizo Harbour Lever Harbour Munda Harbour	Nav aids Depths Nav aids Nav aids Nav aids Nav aids	HMAS <i>Geraldton</i>	
PRODUCTS- Miscellaneous Chart	Legend	Boat Books	J Hutton

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2004

Edition No 5 dated 5 March 2004

VOLUME 1, PART 2, NP 281(2), 2003/04

Published BA Wk 29/03

(Last Amendments: Edition No 4 dated 20 February 2004)

COAST RADIO STATIONS

Page 29, **ARGENTINA**, ARGENTINA RADIO (LSD836) [0111], contact numbers table, delete TELEPHONE and replace by:

TELEPHONE	+54(0)11 45868400 +54 0800 100 DISTRESS (3478) (tollfree)
-----------	--

Agency SAR, Argentina Ad7/04

Page 30, **BAHÍA BLANCA (L2H) (L2N)** (Prefectura Naval), contact numbers table, delete TELEPHONE and FAX and replace by:

TELEPHONE	+54(0)291 4519777
FAX	+54(0)291 4573355

Agency SAR, Argentina Ad7/04

Page 32, **LA PLATA** (Prefectura Naval), contact numbers table, delete TELEPHONE and FAX and replace by:

TELEPHONE	+54(0)221 4692948
FAX	+54(0)221 4600275

Agency SAR, Argentina Ad7/04

Page 33, **MAR DEL PLATA**, contact numbers table, delete TELEPHONE and replace by:

TELEPHONE	+54(0)223 4800715
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Agency SAR, Argentina Ad7/04

Page 33, **MAR DEL PLATA (L2O) (L2R) (L2T) (L2U)** (Prefectura Naval), delete contact numbers table and replace by:

TELEPHONE	+54(0)223 4800715
FAX	+54(0)223 4803006

Agency SAR, Argentina Ad7/04

Page 34, **PUERTO DESEADO (L4N)** (Prefectura Naval), contact numbers table, delete TELEPHONE and FAX and replace by:

TELEPHONE	+54(0) 297 4872136
FAX	+54(0) 297 4872322

Agency SAR, Argentina Ad7/04

Page 35, **RÍO GALLEGOS (L3C) (L3I)** (Prefectura Naval), contact numbers table, delete TELEPHONE and FAX and replace by:

TELEPHONE	+54(0)2966 435494
FAX	+54(0)2966 420103

Agency SAR, Argentina Ad7/04

Page 36, **USHUAIA (L3J) (L30)** (Prefectura Naval), *contact numbers table, delete TELEPHONE and FAX and replace by:*

TELEPHONE	+54(0)2901 422382
FAX	+54(0)2901 421425

Agency SAR, Argentina Ad7/04

Page 37, **ARGENTINA (Rio Paraná), CONCEPCIÓN DEL URUGUAY**, (Prefectura Naval) *contact numbers table, delete TELEPHONE and FAX and replace by:*

TELEPHONE	+54(0)3422 423377
FAX	+54(0)3422 423377

Agency SAR, Argentina Ad7/04

ROSARIO, (Prefectura Naval) *contact numbers table, delete TELEPHONE and FAX and replace by:*

TELEPHONE	+54(0)341 4720340
FAX	+54(0)341 4720344

Agency SAR, Argentina Ad7/04

SHIP REPORTING SYSTEMS

Page 288, **JAPAN, Japanese Ship Reporting System (JASREP)** *after Transmission of messages section, insert new section:*

Operating Authority

Enquiries about JASREP may be addressed to the following:

Search and Rescue Division
Guard and Rescue Department
Japan Coast Guard
1-3 Kasumigaseki 2-chome
Chiyoda-ku
Tōkyō 100-8989
Japan
TELEPHONE: +81 3 3591 6361 ext 535 or 575

Japan Annual Notices to Mariners 2004 Ad7/04

Page 291, **PERU, Requirement for messages**, *after line 6, (4) A "SP" report to Captain., insert new line:*

(5) A Departing Peruvian Waters "DPW" on leaving Peruvian waters for vessels not calling at Peruvian ports that have not filed a sailing plan.

Overseas Service Agency, Peru Ad6/04

Form of messages, *after line 18, A "PR" requires to H/I, insert new line:*

A "DPW" report requires items A/B/C/E/H

Overseas Service Agency, Peru Ad6/04

Transmission of messages, *delete Reports to arrival. and replace by:*

The destination of messages is subject to constant change by local authorities. Vessels are advised to seek updated information through ship agents in Peru. Vessels sending messages through the wrong stations will incur heavy fines.

From January 2004 messages should be sent by:

Fax: +51(0)1 429 1547 & 420 0177

Telex: + 36 26042

E-mail: dicatramar@marina.mil.pe & costeracallao@marina.mil.pe

There are no other means of sending messages. Failed messages should be recorded, as copies will be required by the local Port Captains on arrival.

Overseas Service Agency, Peru Ad6/04

V
VOLUME 2, NP 282, 2003/04
Published BA Wk 11/03

(Last Amendments: Edition No 4 dated 20 February 2004)

RADAR BEACONS

Page 53, **SPAIN (Mediterranean Coast)** section, insert:

Castellón Safe Water Lt Buoy Racon 39°56'·88N 0°05'·72E **68510**
(3 & 10 cm) 360° 7 n miles **K**

Spanish Notice 02/09/04 Ad6/04

VOLUME 3, PART 2, NP 283(2), 2003/04
Published BA Wk 18/03

(Last Amendments: Edition No 1 dated 9 January 2004)

RADIO-FACSIMILE

Pages 22 and 23, **Kodiak (U.S. Coast Guard)**, delete station and replace by:

Kodiak (U.S. Coast Guard)				
	2054			0950-1159 1600-1748
	4298			H24
	8459			
	12412.5			0400-0548 2150-0018
NOTES:(1) Broadcasts may be performed on all listed frequencies simultaneously when resources are available (2) Carrier frequency is 1.9 kHz below the assigned frequency				
DIAGRAMS: pages 2 and 24				

Map Areas

1	(a) 20°N - 70°N 115°W - 135°E	2	(a) 40°N - 70°N 125°W - 150°E	3	(a) 40°N - 70°N 115°W - 170°E	4	(a) 40°N - 60°N 125°W - 160°E
5	(a) 5°N - 60°N 110°W - 160°W	6	Ice Covered Alaskan Waters	7	Cook Inlet		

V

Schedule

1	96 hour Wave Period, Swell Direction	0008(12)	120/576
	96 hour 500 hPa Analysis	0018(12)	
	Test Pattern	0400 0950 1600 2150	
2	Surface Analysis	0403(00) 0953(06) 1603(12) 2153(18)	
3	24 hour Surface Forecast	0427(12) 1027(00) 1627(00) 2227(12)	
1	48 hour Surface Forecast	0437(12) 1037(00) 1637(00) 2237(12)	
	Coastal Marine Forecast Tables (Alaska)	0447 (Latest) 1647 (Latest)	
1	Sea State Analysis / Rebroadcast	0456(00) 1656(00)	
5	GOES Infra-red Satellite Image	0506(00) 1117(00) 1706(12) 2317(12)	
1	500 hPa Analysis	0517(00) 1717(12)	
	Symbols and Contractions / Schedule	0527 1727	
	Request for comments / Product Notice	0548 1748	
3	24 hour Wind / Wave Forecast	1017(00) 2217(12)	
1	48 hour Wind / Wave Forecast	1047(00) 2247(12)	
6	5 day Sea Ice Forecast / Sea Ice Analysis	1057 (Latest) 2257 (Latest)	
1	48 hour Wave Period, Swell Direction	1128(00) 2328(12)	
	48 hour 500 hPa Analysis	1138(00) 2338(12)	
4	Sea Surface Temperature Analysis	1148 (Latest)	
7	Cook Inlet Sea Ice Forecast	1159 (Latest)	
1	96 hour Surface Forecast	2348(12)	
	96 hour Wind / Wave Forecast	2358(12)	

US National Weather Service Ad6/04

VOLUME 5, NP 285, 2003/04

Published BA Wk 23/03

(Last Amendments: Edition No 2 dated 23 January 2004)

Page 138, **Chapter 10: MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2, Ukraine**, delete section and replace by:

Ukraine

Odesa 002723660 46°23'N, 30°45'E 200 On Trial (MRCC Odesa)

MRCC ODESA Ad7/04

Page 225, **Chapter 15: SAFETYNET**, Figure SN-10M, delete **Coastal Waters Bulletins** table and replace by:

COASTAL WATERS BULLETINS				
Satellite	Coastal Waters Bulletin Region	Sea Area see Figure SN-10N	Broadcast Times (Local)	Broadcast Times (UTC)
POR	Bass Strait	D	0550 1210 1645 2300 LST	1950 ¹ 0210 ¹ 0645 ¹ 1300 ¹
POR	Northern Territory	G and H	0515 1145 1515 ACST	1945 0115 0445
POR	Western Australia	F and G	0420 1120 1530 AWST	2020 0320 0730
1) 1 hour earlier during Australian Eastern Daylight Saving Time				
KEY: LST – Local Standard Time; ACST – Australian Central Standard Time; AWST – Australian Western Standard Time				

Australian Bureau of Meteorology Ad6/04

INDONESIA

See diagram R14

National SAR Agency: Baden SAR National (BASARNAS) Address: Jln. Merdeka Timur No. 5, Jakarta, Indonesia Tel: 21 3521111 & 21 34832901 Fax: 21 34832884 Telex: +73 44025 SARNAS IA E-mail: basarnas@indo.net.id			
Basarnas HQ co-ordinates Search and Rescue operations. A network of Coast Radio Stations maintain a continuous listening watch on international distress frequencies.			
	Telephone +62	Fax +62	Others
RSC ACEH	651 48600	651 48725	
RCC MEDAN (Polonia Airport)	61 4553111 61 4569040	61 4554111	AFTN WIMMYCYX
RSC PADANG (Tabing Airport)	751 54111	751 54018	AFTN WIKGYCYX
RSC PEKANBARU (S Syarif Qasim II Airport)	761 674821	761 674818	AFTN WIBBYCYX
RSC PALEMBANG (S M Badaruddin II Airport)	711 355111	711 357494	AFTN WIPPYCYX
RSC TANJUNG PINANG	771 441713	771 441713	
RSC PONTIANAK (Supadio Airport)	561 722111	561 721234	AFTN WIOOYCYX
RSC BANJARMASIN (Samsuddin Noo Airport)	511 705745	511 705745	AFTN WRBBYCYX
RSC BALIKPAPAN (Sepinggan Airport)	542 765111 542 762118	542 760366	AFTN WRLLYCYX
RCC JAKARTA (Soekarno-Hatta Airport)	21 5501512	21 5501512	AFTN WIIICYX
RSC SEMARANG	24 7629192 24 7628343	24 7629189	
RCC SURABAYA (Juanda Airport)	31 8666611 31 8673511	31 8667111	AFTN WRSSYCYX
RCC DENPASAR (Ngurah Rai Airport)	361 751111	361 751115	AFTN WRRRYCYX
RSC MATARAM	370 633253	370 631778	
RCC MAKASSAR	411 554111	411 554852	
RSC MENADO (Samratulangi Airport)	431 812111	431 811782	AFTN WAMMYCYX
RSC KENDARI	401 3225115	401 322537	
RSC AMBON (Pattimura Airport)	911 345111	911 348608	AFTN WAPPYCYX
RSC KUPANG (El Tari Airport)	380 881350	380 881111	AFTN WRKKYCYX
RCC BIAK (Frans Kasiepo Airport)	981 21111	981 23330	AFTN WABBYCYX
RSC JAYAPURA (Sentani Airport)	967 591093	967 591956	AFTN WAJJYCYX
RSC SORONG	951 3231111 951 323816	951 329220	
RSC MERAUKE (Mopah Airport)	971 321111	971 321158	AFTN WAKKYCYX
RSC TIMIKA (Timika Airport)	901 322190 901 323799	901 322190	

BASARNAS Ad6/04

Others column, delete **Telex** +56 64293 RCCNN

JRCC BODØ Ad6/04

Page 348, **UKRAINE**, contact table, delete and replace by:

MRCC ODESA	48 7776609 48 7776610	48 7776610	Telex +680 232139 Inmarsat C (AOR -E) 492550019 E-mail mrcc@morcom.org.ua
MRSC MARIUPOL'	629 538680 629 371419	629 538680	Telex +680 107294 MAST UX E-mail mrcc@marport.net
MRSC KERCH	656 143033	656 142589	Telex +680 222377 NAUKA UX E-mail info@portkerch.com

MRCC ODESA Ad7/04

VOLUME 6, PART 4, NP 286(4), 2003/04

Published BA Wk 37/03

(Last Amendments: Edition No 4 dated 20 February 2004)

Page 16, **AUSTRALIA, DARWIN, N.T.**

Pilots and Port, PROCEDURE, delete section (4) (c)

Australian Chart Aus 28 Ad6/04

Page 107, **FIJI**

After **LEVUKA** entry, insert following new entry:

MALAU

16°22'S 179°22'E

Pilots and Port

TELEPHONE: +679 8814557

FAX: +679 8812557

FREQUENCY: Ch 16

HOURS: HX

PROCEDURE:

- (1) Pilotage is compulsory. 48h notice is required to arrange pilot from Suva.
- (2) Vessels should send ETA at least 48h in advance to the Port Master, SUVA.
- (3) Pilot boards in position 16°15'S 179°17'E (approximately 2 n miles N of Mali Pass).

Fiji Nautical Almanac 2004 Ad6/04

(Continued on next column)

Page 203, **KOREA, SOUTH**

MOKP'O, after **Pilots and Port** section, insert following new section:

Port Traffic Management Service (PTMS)

CALL: Mokp'o Port Service

FREQUENCY: 2183.4 1881.4 kHz RT

Ch 16; 12 14

HOURS: H24

PROCEDURE:

(1) Vessels must report to Mokp'o Port Service at least 2h-1h prior to arrival stating the following information:

- (a) Vessel's name and call sign
- (b) ETA
- (c) Last port
- (d) Cargo and tonnage

(2) Vessels must send an Entry Report when passing the following:

- (a) Siha Do Lt (34°42'·02N 126°14'·45E)
- (b) Pulmugi Do Lt (34°45'·56N 126°13'·40E)
- (c) Hanaptäk To Lt (34°48'·48N 126°12'·84E)

(3) Vessels must also report as follows:

Report	When required
Entry Report	On arrival, stating pier number or anchoring position and time
Shifting Report	Before and after shifting in harbour area
Departure Report	On departure, stating vessel's name, call sign, ETA, last port and cargo

Mokp'o Website Ad6/04

Page 253, **PHILIPPINES, SURIGAO, Mindanao**

Delete **Pilots** entry and replace by:

Pilots and Port

TELEPHONE: +63(0)86 2317361 & 8262015

FAX: +63(0)86 8262016

E-MAIL: ppasur@surigao.philcom.com.ph

FREQUENCY: Port Authority: 148-570 MHz

Pilots: Ch 16

HOURS: Mon-Sat: H24

Sun: HX

PROCEDURE:

(1) Pilotage is compulsory for all vessels except the following:

- (a) Government vessels
- (b) Vessels of foreign government entitled to courtesy
- (c) Vessels authorised by Maritime Industry Authority to engage in daily ferry service plying between two (2) places within the port or between two (2) ports
- (d) Philippine flag vessels engaged in coastwise trade that depart from anchorage
- (e) Vessels calling at private ports whose owners have formally waived the requirement of compulsory pilotage

(2) Pilot boards in the following positions:

- (a) Foreign vessels: 9°51'·50N 125°28'·50E
- (b) Domestic vessels: 9°47'·72N 125°30'·67E

Roger G Garcia, Surigao Port Authority Ad7/04

Page 269, **SINGAPORE, SINGAPORE**

*Diagram SINGAPORE PORT OPERATIONS, insert Pilot Boarding Symbol and legend
Gusong Boarding Ground, in position 1°10'48N 103°46'90E.*

UKHO Chart 4040 Ad6/04

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2004

NP 44 Malacca Strait and West Coast of Sumatera
Pilot (2003 Edition)

Singapore Strait - Central Part — Depths

209

Paragraph 7.7 3 lines 5-6 *Replace by:*

A 20 m coral patch and a 19.9 m patch lie 1½ miles NW and 1¾ miles NNW respectively of Karang Banteng.

222

Paragraph 7.103 1 *Replace by:*

- 1 A 20.0 m shoal 5½ cables S of Gusong Light-beacon (1°11'1N, 103°47'6E), on the N limit of the lane.

Shoals with depths of 19.6 m and 19.9 m lie just outside the traffic lane, respectively 1½ cables SSW and 2¾ cables ESE of the light-beacon.

Chart BA 4041; Maritime and Port Authority Singapore
DBNM 38/03 [Ad 06/04]

Singapore - Outer anchorage — Amended areas
and usage; pilotage; depths; wrecks; ferries

236

Paragraph 8.14 2 lines 3-4 *Replace by:*

...NW. Leading to Eastern Anchorage (AEW) and the entrance to Marina Bay.

After Paragraph 8.14 3 Insert:

8.14a

Bunkering, storing and crew change special anchorage schemes

- 1 The Eastern Sector anchorages under these schemes, (8.48a) may be entered without using a pilot, see 8.57. Eastern Special Purposes C Anchorage (AESPC) and Changi Special Purposes Anchorage (ACSP) are adjacent to the W-bound lane of the TSS in Singapore Strait, and can be approached directly.
- 2 Changi Holding Anchorage (ACH) and Changi General Purpose Anchorage (ACGP) should be approached from East Johor Strait, see 9.109, and vessels should avoid crossing the Changi Special Purposes Anchorage.

238

After Paragraph 8.24 2 Insert:

- 3 Whilst at anchor in these areas a vessel's height must not be changed to exceed the maximum permissible height.

Chart 4040

Sudong Explosives Anchorage (ASUEX)

8.24a

- 1 In the Sudong Explosives Anchorage (8.51) a height restriction of 47 m applies within 600 m of the Southern Islands Live-Firing Area (SILFA) as noted on the chart.

241

After Paragraph 8.48 Insert:

8.48a

- 1 **Special anchorage schemes.** Anchorage under the bunkering, storing and crew change schemes, which attract reduced port charges, is available in those anchorages in the eastern sector marked by a double asterisk**.
- 2 The maximum stay in these anchorages is 24 hours for bunkering or 8 hours for storing and crew change. The schemes are only applicable to vessels over 20 000 gt, and do not apply to LPG and LNG vessels. Vessels proceeding to the designated anchorages are exempt from compulsory pilotage, see 8.57. Anchorages will be designated by the VTIS, see 8.37.

Paragraph 8.49 *Replace by:*

Western sector

8.49

- 1 The limits of the following anchorages are shown on the charts:

Western Anchorage (AWW):

Centred on 1°14'N, 103°49'E. For general purposes such as receiving stores, water, bunkers or awaiting a berth. Depths 13 m to 34 m. A wreck with a depth of 25.7 m lies in the SE part close to the E boundary.

- 2 **Western Petroleum Anchorage A (AWPA):**

Centred on 1°14'7N, 103°47'5E. For vessels loaded with petroleum and non gas-free vessels. Depths 15 m to 33 m.

Western Petroleum Anchorages B (AWPB):

Centred on 1°13'7N, 103°48'3E. For vessels loaded with petroleum and non gas-free vessels. Depths 14 m to 22 m; A wreck with a depth of 19.4 m lies close to the SE boundary.

- 3 **Western Quarantine and Immigration Anchorage (AWQI):**

Centred on 1°13'1N, 103°49'4E. Vessels seeking quarantine and immigration clearance. Depths 10 m to 32.0 m.

Pasir Panjang Holding Anchorage (APPH):

Centred on 1°16'0N, 103°46'6E. For vessels awaiting a berth at Pasir Panjang Wharves. Depths 13 m to 22 m.

- 4 **Selat Pauh Anchorage (ASPLU)*:**

Centred on 1°13'N, 103°44'E. For vessels under arrest, laid-up vessels or other vessels as permitted by the Port Master. Depths 10 m to 26 m.

- 5 **Raffles Reserved Anchorage (ARAFR):**

Centred on 1°11'5N, 103°45'0E. For LASH Ship operations, vessels requiring emergency repairs and damaged vessels or as directed by the Port Master. Depths 10 m to 23 m.

Paragraph 8.50 *Replace by:*

Jurong sector

8.50

- 1 **Tuas Petroleum Holding Anchorage (ATPH):**

Centred on 1°15'0N, 103°37'6E. Used for tankers awaiting a berth. Depths 12 m to 22 m.

West Jurong Anchorage (AWJ):

Centred on 1°14'6N, 103°38'2E. General anchorage, vessels under repair or awaiting berth; also for immigration and quarantine clearance. Depths 6 m to 25 m.

2 **LNG/LPG/Chemical Gas Carrier Anchorage (ALGAS):**

Centred on 1°13'·7N, 103°38'·5E. Dangerous cargoes waiting berth. Depths 10 m to 23 m; a wreck with a depth of 10·7 m lies 1½ cables within the E limit.

3 **VLCC Anchorage (ALVCC):**

Centred on 1°13'·0N, 103°39'·0E. For VLCCs awaiting an oil berth or repair berth. Depths 23 m to 32 m.

Paragraph 8.51 *Replace by:*

Sudong sector

8.51

1 **Sudong Holding Anchorage (ASH):**

Centred on 1°12'·0N, 103°40'·2E. Temporary anchorage with prior permission of the Port Master. Depth 23 m; a wreck with 21·1 m of water lies close inside the E boundary.

2 **Sudong Special Purpose Anchorage (ASSPU):**

Centred on 1°11'·5N, 103°41'·4E. For VLCCs over 75 000 gt requiring immigration clearance, or vessels directed by the Port Master. Depths 22 m to 23 m.

3 **Sudong Explosives Anchorage (ASUEX)*:**

Centred on 1°10'·6N, 103°42'·5E. For vessels and small craft loading or discharging explosives and IMO Class 1 dangerous goods, or vessels in transit with such cargo. Depths 19 to 41 m.

Paragraph 8.52 *Replace by:*

Charts 4041, 4043

Eastern sector

8.52

1 Good anchorage may be obtained in Singapore Eastern Working Anchorage which collectively includes the anchorages directly E of Keppel Harbour and those NE of Eastern Fairway. Heavy squalls during the SW monsoon occasionally impede vessels bunkering and/or taking stores.

2 Ferry services, including high speed ferries, operate in the channels between and to seaward of the anchorages, see also notes on the charts.

The anchorages are as follows:

3 **Eastern Anchorage (AEW):**

Centred on 1°16'N, 103°53'E. Large anchorage for general purposes; vessels taking stores, water or bunkers. Depths 5 m to 24 m; there a number of charted wrecks and foul areas within anchorage.

4 **Eastern Holding Anchorage A (AEHA):**

Centred on 1°15'·0N, 103°55'·5E. For waiting vessels. Depths 34 m to 53 m; a wreck with a depth of 34 m, marked on its N side by a light-buoy (isolated danger), lies in the middle of the anchorage, and wreck with a depth of 42 m lies on the SE boundary.

5 **Eastern Holding Anchorage B (AEHB):**

Centred on 1°14'·5N, 103°53'·4E. For vessels awaiting berth. Depths 19 m to 41 m.

Eastern Holding Anchorage C (AEHC):

Centred on 1°15'·0N, 103°52'·0E. For port tankers which are waiting to service vessels within Keppel Harbour. Depth 5 m.

6 **Eastern Explosives Lighters Anchorage (AEEL):**

Centred on 1°17'·1N, 103°53'·7E. A wreck with depth of 7·3 m lies in the W part.

Paragraph 8.53 *Replace by:*

8.53

1 **Small Craft Anchorage (ASC):**

Centred on 1°17'N, 103°55'E. For harbour tugs, pontoons, barges and other small craft. Depths 15 m to 22 m; a wreck with a depth of 19·2 m lies SE of the centre of the area.

Laid-up Vessels Anchorage (AELUV):

Centred on 1°17'·0N, 103°55'·8E. For vessels laid-up in port. Depths 16 m to 30 m.

2 **Eastern Petroleum Anchorage A (AEPA):**

Centred on 1°15'·4N, 103°54'·9E. For vessels loaded with petroleum and non gas-free vessels. Depths 21 m to 56 m; a wreck with a depth of 31 m lies in the centre of the area.

Eastern Petroleum B Anchorage (AEPB)*:

Centred on 1°17'·7·0N, 103°57'·5E. For vessels loaded with petroleum and non gas-free vessels. Depths 16 m to 31·0 m.

3 **Eastern Special Purposes A Anchorage (AESPA)*:**

Centred on 1°17'·1N, 103°57'·7E. For vessels under arrest, damaged vessels, deep-draught vessels, vessels requiring repairs and others with prior permission of the Port Master. Depths 24 m to 38 m.

4 **Eastern Special Purposes B Anchorage (AESPB)*:**

Centred on 1°18'·0N, 103°58'·0E. For vessels under arrest, damaged or requiring repairs and others with prior permission of the Port Master. Depths 11 m to 27 m.

5 **Eastern Special Purposes C Anchorages A-F (AESPC)* **:**

Centred on 1°17'·2N, 104°00'·0E. Consisting of six areas. Vessels with prior permission of the Port Master and vessels taking bunkers under the special bunkering anchorage scheme. Depths 29 m to 40·0 m.

6 **Eastern Special Purposes D Anchorage (AESPD)*:**

Centred on 1°17'·9N, 104°59'·5E. For vessels under arrest, damaged or requiring repairs and others with prior permission of the Port Master. Depths 19 m to 35 m.

7 **Changi Special Purposes Anchorages G-M (ACSP)**:**

Centred on 1°18'·0N, 104°04'·0E. Vessels with prior permission of the Port Master and vessels taking bunkers under the special bunkering anchorage scheme. Depths 17 m to 32 m.

8 **Man of War Anchorage (AMOW):**

Centred on 1°18'·6N, 104°04'·0E. For visiting warships. Depths 6 m to 9 m.

Changi Barge Temporary Holding Anchorage (ACBTH):

Centred on 1°20'·4N, 104°03'·1E. A barge temporary holding anchorage. Depths 13 m to 23 m.

9 **Changi General Purposes Anchorages (1-4) (ACGP)**:**

Centred on 1°19'·4N, 104°04'·0E. For general purposes with prior permission of the Port Master. Also for vessels for immigration clearance and bound for East Johor Strait, and vessels under the storing and/or crew change anchorage schemes. Depths 13 m to 23 m.

10 **Changi Holding Anchorage (ACH)**:**

Centred on 1°18'·1N, 104°05'·2E. For general purposes with prior permission of the Port Master and vessels under the storing and/or crew change anchorage schemes. Depths 18 m to 20 m.

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Paragraph 8.55 *Replace by:*

- 1 **Restricted areas**, marked by an asterisk* in the text, are shown on the charts. In the W part of the harbour, the anchorage area of Selat Pauh (ASPLU) (1°13'N, 103°44'E) is restricted when live firing exercises are taking place; see also 8.152.

- 2 There is also a height restriction area within Cruise Bay, see 8.21.

Areas S and E of Changi Airport (1°22'N, 103°59'E), including a number of anchorages (8.53), are height restricted, see 8.24.

In Sudong Explosives Anchorage (ASUEX) a height restriction applies, see 8.24a.

Paragraph 8.57 1 line 8 *Add:*

Pilotage is not compulsory for vessels proceeding to anchorage under the schemes for bunkering, storing or crew change (8.14a), but is recommended where the master is unfamiliar with the waters.

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Paragraph 8.381 2 lines 4–8 *Replace by:*

...each berth. The terminal is approached from the S through a channel 2½ cables wide between anchorages in Singapore Eastern Working Anchorage (8.52); the channel entrance is marked on its W side by Ferry Light-buoy (special) (1°16'·6N, 103°58'·7E).

- 3 Amongst the high-speed routes offered, the terminal connects with the regional terminal in Cruise Bay (8.336) and with points within the Indonesian islands lying S including Batuampar (7.93) and N to Pulau Tioman (2°47'N, 104°10'E) (*China Sea Pilot Vol 1*).

Maritime and Port Authority Singapore Port Marine Circular 7/2003 and Notices DBNM 26, 27 and 32/03;

United Kingdom Hydrographic Office [Ad 06/04]

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(in the area of Australian Charting Responsibility)

In force 31 January 2004

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