



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

© Commonwealth of Australia 2004 - Copyright restrictions apply to Notices to Mariners

Notices 730 - 767

Published fortnightly by the Australian Hydrographic Service

B. J. KAHER,
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 Wollongong, NSW 2500 (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 rcsaus@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.

The Notices may be copied for the purpose of inserting their substance on official charts and other publications. However, any copies of the notices may not be sold for profit.

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.

This work is copyright. Apart from any use permitted under the Copyright Act 1968, no part may be reproduced by any process, adapted, communicated or commercially exploited without prior written permission from The Commonwealth represented by the Australian Hydrographic Service. Copyright in some of the material in this publication may be owned by another party and permission for the reproduction of that material must be obtained from the owner.

NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 19

17 September 2004

Notices	Aus Chart, ENC Cell, BA Publication
730.....	Aus 248, NP 204-05, 286(4), 286(5)
731.....	Aus 811
732.....	Aus 241
733.....	Aus 247, 819
734.....	Aus 260, AX 60260
735.....	Aus 2590
736.....	Aus 372, 829, 830, 4620, AU418146
737.....	Aus 373, 831, AU416145
738.....	Aus 270, AU5270P6
739.....	Aus 833, 834
740.....	Aus 293, 299, AU499142, 5__299
741.....	Aus 399
742.....	Aus 15
743.....	Aus 57, 58., 59
744.....	Aus 81, 751
745.....	Aus 112, 113, AX 63112
746.....	Aus 114
747.....	Aus 111
748.....	Aus 119
749.....	Aus 343, 345, 776
750.....	Aus 170, 355
751.....	Aus 164, 799
752.....	Aus 167, 799
753.....	Aus 163, 799
754(T).....	Aus 193, 807, 808, AX 70808
755(T).....	Aus 237
756(T).....	Aus 365
757(P).....	Aus 241, 817
758(T).....	Aus 242, 243
759(T).....	Aus 250
760(T).....	Aus 270, AU5270P6
761(T).....	Aus 270, AU5270P6
762(T).....	Aus 374, 833, 834, AU414143
763(T).....	Aus 343, 345, 776
764(T).....	Aus 345, 780
765(T).....	Aus 172
766(T).....	Aus 355
767(T).....	Aus 141, 349, 350, 788

730 AUSTRALIA - Product.
AHS (A103256, A104864 & A105917).

New chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 248	Australia - East Coast - Queensland - Port Clinton	1: 25 000

Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP 204-05	Admiralty Tide Tables Volume 4, Pacific Ocean (including Tidal Stream Tables).	26/8/2004	
NP 286(4)	Admiralty List of Radio Signals. Pilot Services, Vessel Traffic Services and Port Operations. Part 4: Asia and Australasia. Edition 2004/05	26/8/2004	The 2003/2004 edition of NP 286(4) is hereby cancelled
NP 286(5)	Admiralty List of Radio Signals. Pilot Services, Vessel Traffic Services and Port Operations. Part 5: Americas and Antarctica. Edition 2004/05	2/9/2004	The 2003/2004 edition of NP 286(5) is hereby cancelled

Admiralty digital publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
DP560	Simplified Harmonic Method of Tidal Prediction for Windows	2/9/2004	DP560-2001 is hereby cancelled.

731* AUSTRALIA - NEW SOUTH WALES - Smoky Cape - Depth.
AHS (A104426)

Aus 811 [680/2003]			
Insert	upright sounding, 384m, enclosed by broken contour	31° 01'.4 S	153° 26'.0 E

732* AUSTRALIA - QUEENSLAND - Great Sandy Strait - Leading lights; nomenclature.
Maritime Safety Queensland Notice 378/2004 (A103724), Dept Natural Resources, Mines and Energy (A104565).

Aus 241 [668/2001]			
Insert	light beacon, Q & Fl. R. 3s	25° 21'.45 S	153° 02'.37 E
Substitute	light beacon, Iso. 2s, for beacon	25° 22'.0 S	153° 02'.7 E
Amend	legend to 149.9°	25° 19'.6 S	153° 01'.1 E
	legend to Boon Boon	25° 21'.2 S	153° 02'.6 E
Delete	light beacon	25° 21'.5 S	153° 02'.4 E
	depth 3fm	25° 21'.4 S	153° 02'.4 E

733* AUSTRALIA - QUEENSLAND - Port Alma - Nav aids.

List of Lights Vol K/2004 -- 2991.70

Queensland Transport (A101707 & A104560).

Aus 247 [688/2004]

Insert	safe water pillar light buoy, <i>LFl. 10s Timandra</i> , without topmark	23° 25'.161 S	151° 00'.162 E
	port lateral cylindrical light buoy, <i>Fl. R. 2s No 2</i> , without topmark	23° 26'.085 S	150° 58'.930 E
	port lateral cylindrical light buoy, <i>Fl. R. 4s No 4</i> , without topmark	23° 27'.600 S	150° 58'.354 E
	starboard lateral conical light buoy, <i>Fl. G. 4s</i> , without topmark	23° 30'.554 S	150° 47'.715 E
	special cylindrical light buoy, <i>Fl. Y. 3s</i> , without topmark	23° 33'.498 S	150° 49'.233 E
Amend	legend to, 276°, centred on	23° 32'.36 S	150° 51'.66 E
Delete	light buoy	23° 25'.1 S	151° 00'.2 E
		23° 26'.1 S	150° 58'.9 E
		23° 27'.5 S	150° 58'.4 E
	beacon	23° 31'.48 S	150° 55'.99 E
		(a) 23° 32'.61 S	150° 55'.99 E
		23° 32'.34 S	150° 52'.70 E
	navline between (a) and depth 8 ₅ m	23° 30'.9 S	150° 56'.8 E

Aus 247 (plan, Approaches to Port Alma)

Insert	legend, 276°	23° 32'.37 S	150° 52'.60 E
Delete	beacon	23° 31'.48 S	150° 56'.05 E
		(a) 23° 32'.63 S	150° 55'.99 E
		23° 32'.34 S	150° 52'.69 E
	navline between (a) and legend Tower bearing 276° & beacon bearing 096°	23° 32'.28 S	150° 51'.79 E

Aus 247 (plan, Port Alma)

Amend	light elevation to 13m	23° 34'.75 S	150° 52'.54 E
	light elevation to 7m	23° 34'.56 S	150° 51'.83 E
	light elevation to 10m	23° 34'.62 S	150° 51'.65 E

Aus 819 [688/2004]

Delete	light buoy topmark	23° 25'.3 S	151° 00'.1 E
--------	--------------------	-------------	--------------

734* AUSTRALIA - QUEENSLAND - Thirsty Sound - Light buoys.

Queensland Transport (A101707).

Aus 260 [821/2003]

Insert	special cylindrical light buoy, <i>Fl. Y. 4s</i> , without topmark	22° 07'.868 S	150° 01'.822 E
	port lateral cylindrical light buoy, <i>Fl. R. 4s</i> , without topmark	22° 08'.025 S	150° 01'.427 E
Delete	light buoy	22° 07'.8 S	150° 01'.7 E
		22° 08'.0 S	150° 01'.5 E
	underwater rock	22° 07'.9 S	150° 01'.8 E

AX 60260 [821/2003]

Insert	special cylindrical light buoy, <i>Fl. Y. 4s</i> , without topmark	22° 07'.868 S	150° 01'.822 E
	port lateral cylindrical light buoy, <i>Fl. R. 4s</i> , without topmark	22° 08'.025 S	150° 01'.427 E
Delete	light buoy	22° 07'.8 S	150° 01'.7 E
		22° 08'.0 S	150° 01'.5 E
	underwater rock	22° 07'.9 S	150° 01'.8 E

735* AUSTRALIA - QUEENSLAND - Mackay - Harbour works; depths.

Mackay Marina Village (A104731), AHS (A104863).

Aus 250 (plan, Mackay Harbour) [398/2004]Insert [accompanying block](#) 21° 06'.5 S 149° 13'.6 E**736* AUSTRALIA - QUEENSLAND - Sharon Shoal to Publican Shoals - Depths.**

LADS HI 357 MMI 21617 (A99515).

Aus 372 [657/2004]

Insert	depth, 0 ₄ fm, enclosed by contour	17° 32'.49 S	146° 31'.63 E
	depth, 2 ₅ fm, enclosed by contour	17° 31'.02 S	146° 29'.38 E
	depth, 5 ₅ fm	(a) 17° 29'.60 S	146° 36'.25 E
	depth, 4 ₁ fm	(b) 17° 28'.74 S	146° 36'.16 E
	contour enclosing (a) and (b)		
	depth, 9 ₅ fm, enclosed by contour	17° 26'.08 S	146° 30'.77 E
	depth, 3 ₄ fm, enclosed by contour	17° 25'.77 S	146° 27'.81 E
	depth, 8 ₄ fm, enclosed by contour	17° 24'.74 S	146° 29'.91 E
	depth, 2fm, enclosed by contour	17° 24'.69 S	146° 21'.16 E
	depth, 2 ₄ fm, enclosed by contour	17° 22'.91 S	146° 32'.45 E
	depth, 0 ₄ fm, enclosed by contour	17° 21'.74 S	146° 31'.89 E
	depth, 3 ₂ fm, enclosed by contour	17° 21'.70 S	146° 30'.96 E
	depth, 16fm, enclosed by contour	17° 24'.32 S	146° 39'.58 E
	sounding out of position, 2 ₃ fm, enclosed by contour	17° 22'.57 S	146° 38'.45 E
	depth, 8fm, enclosed by contour	17° 21'.36 S	146° 37'.84 E
	depth, 0 ₃ fm, enclosed by contour	17° 18'.88 S	146° 32'.63 E
	depth, 0 ₅ fm, enclosed by contour	17° 18'.43 S	146° 23'.68 E
	rock awash	17° 16'.30 S	146° 33'.07 E
	depth, 3 ₄ fm, and extend contour NW to enclose	17° 16'.44 S	146° 36'.92 E
Substitute	depth, 4 ₂ fm, for depth 6 ₂ fm SD	17° 23'.0 S	146° 35'.0 E
	depth, 3 ₂ fm, for depth 3 ₄ fm	17° 21'.4 S	146° 22'.5 E
	depth, 1fm, for depth 2 ₃ fm	17° 20'.3 S	146° 20'.5 E
	depth, 1fm, for depth 1 ₄ fm	17° 20'.3 S	146° 20'.2 E
	depth, 1 ₅ fm, for depth 3 ₁ fm	17° 17'.2 S	146° 37'.2 E
Delete	danger circle with legend Discoloured water	17° 31'.2 S	146° 42'.2 E
	depth 15fm	17° 30'.8 S	146° 29'.1 E
		17° 16'.0 S	146° 36'.6 E
	depth 3 ₃ fm SD and and enclosing contour	17° 24'.2 S	146° 37'.8 E
	depth 5fm	17° 24'.9 S	146° 20'.9 E
		17° 24'.3 S	146° 20'.9 E
		17° 16'.4 S	146° 36'.9 E
	depth 10fm	17° 21'.2 S	146° 31'.1 E
	depth 1 ₄ fm	17° 18'.4 S	146° 23'.1 E
		17° 16'.8 S	146° 33'.0 E
	depth 4 ₄ fm	17° 18'.1 S	146° 23'.7 E

Aus 829 [501/2004]

Insert	depth, 4m, enclosed by contour	17° 33'.14 S	146° 30'.53 E
	depth, 5 ₃ m, enclosed by contour	17° 31'.04 S	146° 29'.17 E
	depth, 10 ₆ m, and extend contour N to enclose	17° 29'.62 S	146° 36'.04 E
	depth, 7 ₈ m, enclosed by contour	17° 28'.76 S	146° 35'.95 E
	depth, 18m, enclosed by contour	17° 26'.10 S	146° 30'.56 E
	depth, 6 ₉ m, enclosed by contour	17° 25'.79 S	146° 27'.60 E
	depth, 15 ₉ m, enclosed by contour	17° 24'.76 S	146° 29'.70 E
	depth, 3 ₆ m, enclosed by contour	17° 24'.71 S	146° 20'.95 E
	depth, 30m, enclosed by contour	17° 24'.34 S	146° 39'.37 E
	depth, 5 ₁ m, enclosed by contour	17° 22'.93 S	146° 32'.24 E
	depth, 8 ₇ m, enclosed by contour	17° 22'.77 S	146° 34'.89 E
	depth, 4 ₅ m, enclosed by contour	17° 22'.59 S	146° 38'.24 E

	depth, 1_4 m, enclosed by contour	17° 21'.76 S	146° 31'.68 E
	depth, 6_2 m, and extend a 10m contour W to enclose	17° 21'.72 S	146° 30'.75 E
	depth, 14_8 m, enclosed by contour	17° 21'.38 S	146° 37'.63 E
	depth, 1_8 m, enclosed by contour	17° 20'.37 S	146° 20'.68 E
	depth, $2m$, enclosed by contour	17° 20'.33 S	146° 19'.99 E
	depth, $34m$, and extend contour N to enclose	17° 19'.64 S	146° 37'.42 E
	depth, $1m$, enclosed by contour	17° 18'.90 S	146° 32'.42 E
	depth, 3_5 m, enclosed by contour	17° 17'.30 S	146° 36'.74 E
	depth, 6_7 m, and extend contour N to enclose	17° 16'.46 S	146° 36'.71 E
	depth, 1_2 m, enclosed by contour	17° 16'.66 S	146° 32'.84 E
	rock awash enclosed by danger circle	17° 16'.32 S	146° 32'.86 E
Substitute	depth, 1_3 m, for depth 8m	17° 32'.6 S	146° 31'.4 E
	depth, $34m$, for depth 40m	17° 25'.3 S	146° 38'.9 E
	depth, 6_1 m, for depth 7m	17° 21'.3 S	146° 22'.3 E
	depth, 2_3 m, for depth 3_6 m	17° 21'.0 S	146° 32'.5 E
	depth, 1_6 m, enclosed by contour, for depth 3_9 m	17° 18'.6 S	146° 23'.4 E
Delete	danger circle with legend Discol, centred on	17° 31'.2 S	146° 42'.0 E
	depth 14m	17° 29'.8 S	146° 36'.0 E
	depth 30m and enclosing contour	17° 26'.2 S	146° 30'.3 E
		17° 24'.6 S	146° 30'.1 E
	depth 49m and enclosing contour	17° 24'.8 S	146° 39'.4 E
	depth 11m	17° 23'.0 S	146° 35'.0 E
	depth 20m and enclosing contour	17° 22'.8 S	146° 31'.8 E
	depth 4m	17° 21'.6 S	146° 31'.5 E
	depth 9_1 m	17° 24'.9 S	146° 20'.9 E
		17° 16'.6 S	146° 36'.8 E
	depth 3_1 m	17° 20'.3 S	146° 20'.2 E
	depth 44m	17° 19'.8 S	146° 37'.6 E
	depth 2_7 m	17° 18'.8 S	146° 32'.5 E
	depth 5_8 m	17° 17'.4 S	146° 36'.8 E
	depth 3m	17° 16'.7 S	146° 32'.7 E
	depth 7_3 m	17° 20'.4 S	146° 19'.8 E
Aus 830 [618/2004]			
Insert	depth, $1m$, enclosed by contour	17° 18'.81 S	146° 32'.48 E
	depth, 3_5 m, enclosed by contour	17° 17'.21 S	146° 36'.80 E
	depth, 6_7 m, and extend contour N to enclose	17° 16'.37 S	146° 36'.77 E
	depth, 1_2 m, enclosed by contour	17° 16'.57 S	146° 32'.90 E
	rock awash enclosed by danger circle	17° 16'.23 S	146° 32'.92 E
Substitute	depth, 1_6 m, enclosed by contour, for depth 4m	17° 18'.4 S	146° 23'.5 E
Delete	depth 2_7 m	17° 18'.8 S	146° 32'.7 E
	depth 3m	17° 16'.6 S	146° 32'.8 E
	depth 5_8 m	17° 17'.3 S	146° 36'.9 E
	depth 9_1 m	17° 16'.5 S	146° 36'.9 E
Aus 4620 [618/2004]			
Insert	danger line between	17° 25'.5 S	146° 34'.3 E
		17° 20'.9 S	146° 33'.8 E
Substitute	depth, 4_5 m, for depth 6_6 m	17° 24'.2 S	146° 38'.2 E
	depth, 3_5 m, for depth 5_8 m	17° 17'.1 S	146° 37'.3 E
Delete	semi enclosing danger line centred on	17° 31'.0 S	146° 42'.0 E
	danger line between	17° 25'.5 S	146° 34'.3 E
		17° 25'.0 S	146° 36'.9 E
	danger line between	17° 20'.9 S	146° 33'.8 E
		17° 23'.1 S	146° 37'.1 E

AU418146 ENC cell will be amended in the October update release.

737* AUSTRALIA - QUEENSLAND - Dawson Reef - Light beacon permanently discontinued.

Former Notice - 377(T)/2004 is cancelled

List of Lights Vol K/2004 -- 3207.50

Maritime Safety Queensland Notice 388/2004 (A104535).

Aus 373 [618/2004]

Delete	light beacon	15° 30'.1 S	145° 19'.5 E
--------	--------------	-------------	--------------

Aus 831 [501/2004]

Delete	light beacon	15° 30'.0 S	145° 19'.5 E
--------	--------------	-------------	--------------

AU416145 ENC cell will be amended in the October update release.

738* AUSTRALIA - QUEENSLAND - Cooktown - Swing basin.

Maritime Safety Queensland Notice 375/2004 (A103462 & A104842).

Aus 270 (plan, Cooktown) [499/2004]

Insert	arc of circle as pecked line, radius 50m, centred on	15° 27'.481 S	145° 15'.031 E
	through W between	15° 27'.459 S	145° 15'.047 E
		15° 27'.483 S	145° 15'.003 E
	legend 2.5m, centred on	15° 27'.47 S	145° 15'.02 E
Delete	2m contour between	15° 27'.45 S	145° 15'.05 E
		15° 27'.48 S	145° 15'.00 E

AU5270P6 ENC cell will be amended in the October update release.

739* AUSTRALIA - QUEENSLAND - Fairway Channel - Depth.

AMSA (A103907)

Aus 833 [573/2004]

Insert	sounding out of position, 13 ₅ m	13° 46'.24 S	144° 09'.71 E
--------	---	--------------	---------------

Aus 834 [613/2004]

Insert	sounding out of position, 13 ₅ m	13° 46'.24 S	144° 09'.71 E
--------	---	--------------	---------------

740* AUSTRALIA - TORRES STRAIT - Ellis Channel - Light buoy altered in position.

Maritime Safety Queensland Notice 374/2004 (A103463).

Aus 293 [695/2004]

Move	light buoy	10° 35'.44 S	142° 13'.94 E
	to	10° 35'.358 S	142° 13'.966 E

Aus 299 [322/2004]

Move	light buoy	10° 35'.44 S	142° 13'.94 E
	to	10° 35'.358 S	142° 13'.966 E

AU499142 ENC cell will be amended in the October update release.

AU5__299 ENC cell will be amended in the October update release.

741* PAPUA NEW GUINEA - Bougainville Island - Shoal patches.

UKHO (A104397).

Aus 399 [162/2003]

Insert	danger circle	6° 26'.90 S	154° 51'.96 E
		6° 29'.88 S	155° 04'.77 E
Delete	depth 157m	6° 26'.8 S	154° 51'.6 E

742* AUSTRALIA - NORTHERN TERRITORY - Gove - Landmark.

Alcan (A104466 & A104467).

Aus 15 (plan, Gove Harbour) [536/2004]

Insert	chimney, with legend (94)	12° 11'.346 S	136° 41'.191 E
--------	---------------------------	---------------	----------------

743* WESTERN AUSTRALIA - Dampier - Harbour works; dredged channel.*Former Notice - 128(T)/2004 is cancelled*

Dampier Port Authority (A104531), AHS (A104732 to A104734).

Aus 57 [183/2004]

Insert	accompanying block	20° 36'.0 S	116° 43'.0 E
--------	------------------------------------	-------------	--------------

Aus 58 [537/2004]

Insert	accompanying block	20° 36'.0 S	116° 43'.0 E
--------	------------------------------------	-------------	--------------

Aus 59 (plan, Withnell Bay to King Bay) [537/2004]

Insert	accompanying block	20° 36'.5 S	116° 44'.2 E
--------	------------------------------------	-------------	--------------

Aus 59 (plan, Dampier Wharves)

Insert	pecked line between	20° 36'.007 S	116° 43'.760 E
		20° 35'.497 S	116° 43'.164 E
	pecked line between	20° 36'.125 S	116° 43'.760 E
		20° 35'.497 S	116° 43'.019 E
	legend, <i>Maintained depth 11m</i> , centred on	20° 35'.77 S	116° 43'.42 E
Delete	depth 8 ₉ m	20° 35'.51 S	116° 43'.09 E
	depth 7 ₉ m	20° 35'.64 S	116° 43'.23 E
	depth 8 ₁ m	20° 35'.80 S	116° 43'.38 E
	depth 8 ₆ m	20° 35'.94 S	116° 43'.67 E

744* WESTERN AUSTRALIA - Geraldton - Depths.

Geraldton Port Authority MMI 21758 (A104519).

Aus 81 [479/2004]

Insert	depth, 18 ₁ m	(a) 28° 44'.205 S	114° 33'.344 E
	depth, 18 ₅ m	(b) 28° 44'.400 S	114° 33'.442 E
	depth, 19 ₄ m	(c) 28° 44'.812 S	114° 33'.436 E
	depth, 19 ₂ m	(d) 28° 45'.207 S	114° 33'.374 E
	contour enclosing (a) to (d)		
	depth, 18 ₇ m	(e) 28° 45'.992 S	114° 33'.263 E
	depth, 19 ₈ m	(f) 28° 46'.198 S	114° 33'.276 E
	contour enclosing (e) and (f)		
	depth, 19 ₈ m	(g) 28° 46'.122 S	114° 32'.821 E
	depth, 19 ₆ m	(h) 28° 46'.311 S	114° 32'.692 E
	contour enclosing (g) and (h)		
	depth, 19 ₆ m, enclosed by contour	28° 46'.387 S	114° 33'.331 E
	depth, 19 ₉ m, enclosed by contour	28° 46'.761 S	114° 33'.300 E
	depth, 19 ₇ m, enclosed by contour	28° 47'.134 S	114° 33'.275 E
	depth, 20m, enclosed by contour	28° 46'.560 S	114° 32'.710 E
Delete	depth 22m	28° 45'.20 S	114° 33'.39 E
	depth 24m	28° 46'.25 S	114° 33'.26 E

Aus 751 [437/2004]

Insert	depth, 19 ₆ m, and extend contour W to enclose	28° 46'.38 S	114° 32'.61 E
--------	---	--------------	---------------

745* WESTERN AUSTRALIA - Fremantle - Buoys.

Fremantle Port Authority Notice 6/2004 (A103506).

Aus 112 [480/2004]

Insert	special spar buoy	32° 04'.10 S	115° 42'.10 E
Move	buoy	32° 03'.93 S	115° 43'.77 E
	to	32° 03'.90 S	115° 43'.80 E
	buoy	32° 04'.10 S	115° 43'.14 E
	to	32° 04'.10 S	115° 43'.10 E
	buoy	32° 04'.56 S	115° 42'.65 E
	to	32° 04'.50 S	115° 42'.60 E

Aus 113 [480/2004]

Insert	special spar buoy	32° 04'.17 S	115° 42'.02 E
Move	buoy	32° 04'.01 S	115° 43'.68 E
	to	32° 03'.97 S	115° 43'.72 E
	buoy	32° 04'.17 S	115° 43'.06 E
	to	32° 04'.17 S	115° 43'.02 E

AX 63112 [NC 25/06/2004]

Insert	special spar buoy	32° 04'.10 S	115° 42'.10 E
Move	buoy	32° 03'.93 S	115° 43'.77 E
	to	32° 03'.90 S	115° 43'.80 E
	buoy	32° 04'.10 S	115° 43'.14 E
	to	32° 04'.10 S	115° 43'.10 E
	buoy	32° 04'.56 S	115° 42'.65 E
	to	32° 04'.50 S	115° 42'.60 E

Note: these amendments are incorporated in the new edition of Aus 117 to be published shortly.**746* WESTERN AUSTRALIA - Jervoise Bay - Depths.**

AHS (A104735).

Aus 114 [661/2004]

Insert	accompanying block	32° 08'.4 S	115° 45'.4 E
--------	--------------------	-------------	--------------

747* WESTERN AUSTRALIA - Garden Island - Light; dolphins.

List of Lights Vol K/2004 -- 1780.73

HMAS *Stirling* (A101360 & A101361).**Aus 111 [660/2004]**

Insert	dolphin	32° 13'.700 S	115° 41'.894 E
		32° 13'.717 S	115° 41'.918 E
	firm line between	32° 13'.690 S	115° 41'.877 E
		32° 13'.717 S	115° 41'.918 E
Move	light	32° 13'.68 S	115° 41'.88 E
	to	32° 13'.717 S	115° 41'.918 E

748* WESTERN AUSTRALIA - Esperance - Rock.

AHS (A104470).

Aus 119 (plan, Esperance) [527/2004]

Substitute	rock awash for underwater rock	33° 53'.12 S	121° 54'.50 E
------------	--------------------------------	--------------	---------------

749* SOUTH AUSTRALIA - Thistle Island - Cable.

Nautronix (A103963)

Aus 343 [691/2003]

Insert	submarine cable between	35° 00'.62 S	136° 11'.43 E
		35° 00'.28 S	136° 15'.08 E
		35° 00'.12 S	136° 15'.07 E
		35° 00'.12 S	136° 15'.07 E
	danger circle with legend <i>Obstn</i>		

Aus 345 [225/2004]

Insert	submarine cable between	35° 00'.62 S	136° 11'.43 E
		35° 00'.28 S	136° 15'.08 E
		35° 00'.12 S	136° 15'.07 E
		35° 00'.12 S	136° 15'.07 E
	danger circle with legend <i>Obstn</i>		

Aus 776 [634/2003]

Insert	submarine cable between	35° 00'.55 S	136° 11'.51 E
		35° 00'.21 S	136° 15'.16 E
		35° 00'.05 S	136° 15'.15 E
		35° 00'.05 S	136° 15'.15 E
	danger circle with legend <i>Obstn</i>		

750* AUSTRALIA - TASMANIA - Spring Bay - Port limit.

Marine and Safety Tasmania (A101894).

Aus 170 [663/2004]

Insert	magenta pecked line, with legend <i>Spring Bay Port Limit</i> , between	42° 33'.16 S	147° 57'.17 E
		42° 35'.71 S	147° 55'.84 E
Delete	magenta pecked line, with legend Triabunna Port Limit, between	42° 31'.68 S	147° 59'.64 E
		42° 34'.24 S	148° 04'.29 E
	magenta pecked line, with legend Triabunna Port Limit, between	42° 43'.76 S	147° 56'.73 E
		42° 43'.34 S	148° 00'.69 E

Aus 170 (plan, Approaches to Spring Bay)

Insert	magenta pecked line, with legend <i>Spring Bay Port Limit</i> , between	42° 33'.16 S	147° 57'.17 E
		42° 35'.71 S	147° 55'.84 E
Delete	magenta pecked line, with legend Triabunna Port Limit, between	42° 31'.68 S	147° 59'.64 E
		42° 34'.24 S	148° 04'.29 E

Aus 355 [663/2004]

Insert	pilot boarding place	42° 34'.2 S	147° 56'.5 E
Delete	magenta pecked line, with legend Triabunna Port Limit, between	42° 31'.6 S	147° 59'.4 E
		42° 34'.3 S	148° 04'.2 E
	magenta pecked line, with legend Triabunna Port Limit, between	42° 43'.8 S	147° 56'.6 E
		42° 43'.3 S	148° 00'.7 E

751* AUSTRALIA - TASMANIA - Devonport - Port limit.

Marine and Safety Tasmania (A101894).

Aus 164 [704/2004]

Insert	magenta pecked line, radius 3M, with legend <i>Devonport Port Limit</i> , from light	(a)	41° 09'.51 S	146° 21'.33 E
Delete	magenta pecked line, radius 5M, with legend Devonport Port Limit, from light (a)			

Aus 799 [705/2004]

Insert	magenta pecked line, radius 3M, with legend <i>Devonport Port Limit</i> , from light	(a)	41° 09'.51 S	146° 21'.34 E
Delete	magenta pecked line, radius 5M, with legend Devonport Port Limit, from light (a)			

752* AUSTRALIA - TASMANIA - Launceston - Port limit.

Marine and Safety Tasmania (A101894).

Aus 167 [625/2004]

Insert	magenta pecked line, radius 3M, with legend <i>Launceston Port Limit</i> , from light	(a)	41° 03'.37 S	146° 47'.37 E
Delete	magenta pecked line, radius 5M, with legend Launceston Port Limit, from (a)			

Aus 799 [751/2004]

Insert	magenta pecked line, radius 3M, with legend <i>Launceston Port Limit</i> , from light	(a)	41° 03'.37 S	146° 47'.37 E
Delete	magenta pecked line, radius 5M, with legend Launceston Port Limit, from (a)			

753* AUSTRALIA - TASMANIA - Burnie - Port limit.

Marine and Safety Tasmania (A101894).

Aus 163 [185/2004]

Insert	magenta pecked line, radius 3M, with legend <i>Burnie Port Limit</i> , from	(a)	41° 03'.08 S	145° 55'.28 E
Delete	magenta pecked line, radius 5M, with legend Burnie Port Limit, from (a)			

Aus 799 [752/2004]

Insert	magenta pecked line, radius 3M, with legend <i>Burnie Port Limit</i> , from	(a)	41° 03'.08 S	145° 55'.28 E
Delete	magenta pecked line, radius 5M, with legend Burnie Port Limit, from (a)			

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

Date - Until 30 September 2004

DTN 93/04 (A103988).

Twenty-one mine shapes, maximum height above the seabed of 1 metre, exist within the area bounded by (WGS 84 datum):

34° 59'.0 S 150° 40'.0 E

34° 59'.0 S 151° 00'.0 E

35° 12'.0 S 150° 40'.0 E

35° 12'.0 S 151° 00'.0 E

One buoyant mine exists in a depth of 35 metres with a tether length of 5 metres.

Mariners are advised to navigate with caution in the area.

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

755(T)/2004 AUSTRALIA - QUEENSLAND - Brisbane River - Harbour works.

Date - Until 15 October 2004

Maritime Safety Queensland Notice 394(T)/2004 (A104946).

Harbour works are in progress in position 27° 22'.91 S 153° 09'.76 E.

Advisory broadcasts will be made by Brisbane Harbour on VHF Ch 12.

Mariners are advised to navigate with caution in the area at slow speed, no wash.

Chart temporarily affected - Aus 237.

756(T)/2004 AUSTRALIA - QUEENSLAND - Peregrine Beach - Scientific instruments.

Date - Until 30 October 2004

University of Queensland (A109846).

Scientific instruments, *Fl. Y. 3s*, exist in positions:

26° 29'.217 S 153° 06'.783 E

26° 29'.650 S 153° 06'.683 E

26° 30'.067 S 153° 06'.633 E

26° 29'.783 S 153° 07'.067 E

26° 29'.783 S 153° 07'.533 E

26° 29'.650 S 153° 06'.233 E

26° 29'.650 S 153° 06'.008 E

Chart temporarily affected - Aus 365.

757(P)/2004 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Urangan - Harbour works.

Maritime Safety Queensland Notice 400(T)/2004 (A105679).

Harbour works, including construction of a bund wall and wave break wall, have been completed in position 25° 17'.8 S 152° 54'.5 E.

Charting action will be undertaken on receipt of survey data.

Chart which will be affected - Aus 241 - Aus 817.

758(T)/2004 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information.

Former Notice - 599(T)/2004 is cancelled

Maritime Safety Queensland Notice 386(T)/2004 (A104529).

Available depth as at 20 August 2004:

	<i>Metres</i>
* Sea Reach	9.4
Middle Reach	9.5
Inner Reach	9.5
Swing Basin	7.7
Oil Berth	9.0
* BST Berth	10.1

The deep draft departure channel from the bulk sugar terminal berth to Middle Reach, has a depth of 9.1m.

* Indicates revised entry.

Chart temporarily affected - Aus 242 - Aus 243.

759(T)/2004 AUSTRALIA - QUEENSLAND - Mackay - Depth information.

Former Notice - 769(T)/2003 is cancelled

Maritime Safety Queensland Notice 403(T)/2004 (A105749).

Available depths as at 31 August 2004:

	<i>Metres</i>	<i>Remarks</i>
Entrance Channel	8.5	
Swing Basin	8.2	
* Berth No 1	10.9	
* Berth No 3	12.7	
* Composite Nos 3/4 Panamax Berth	12.7	
* Berth No 4	10.6	East of E20
* Berth No 5	12.1	

* Indicates revised entry.

Caution: lesser depths may be encountered in the ship manoeuvring area to the east of berths No 1 and No 5.

Chart temporarily affected - Aus 250.

760(T)/2004 AUSTRALIA - QUEENSLAND - Cooktown - Light buoys out of position.

Former Notice - 338(T)/2004 is cancelled

Maritime Safety Queensland Notice 397(T)/2004 (A105184).

No 3 starboard lateral light buoy (15° 27'.32 S 145° 15'.20 E) is currently in position 15° 27'.30 S 145° 15'.21 E.

Special light buoy (15° 27'.48 S 145° 14'.99 E) is currently in position 15° 27'.47 S 145° 15'.03 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 270 - AU5270P6.

761(T)/2004 AUSTRALIA - QUEENSLAND - Cooktown - Wreck; light buoy.

Former Notice - 339(T)/2004 is cancelled

Maritime Safety Queensland Notice 398(T)/2004 (A105185). Wreck is FV *Arkana*

The wreck *Arkana*, (15° 27'.811 S 145° 14'.577 E), is marked by a special light buoy, *Fl. Y. 2.5s*, in position 15° 27'.81 S 145° 14'.50 E.

Chart temporarily affected - Aus 270 - AU5270P6.

762(T)/2004 AUSTRALIA - QUEENSLAND - Noddy Reef - Wreck.

Maritime Safety Queensland Notice 387(T)/2004 (A104530). Wreck is FV *Carrara*

A wreck exists in position 13° 42'.19 S 143° 47'.80 E.

Chart temporarily affected - Aus 374 - Aus 833 - Aus 834 - AU414143.

763(T)/2004 SOUTH AUSTRALIA - Thistle Island - Obstructions.

Date - Until 31 December 2004

Nautronix (A104394).

Obstructions exist as follows:

34° 59'.49 S 136° 13'.77 E

35° 00'.17 S 136° 14'.33 E

Chart temporarily affected - Aus 343 - Aus 345 - Aus 776.

764(T)/2004 SOUTH AUSTRALIA - Wirrina Cove - Light buoy westwards.

Transport SA Notice 26/2004 (A104935).

The light buoy (35° 28'.85 S 138° 09'.45 E) is unlit.

Chart temporarily affected - Aus 345 - Aus 780.

765(T)/2004 AUSTRALIA - TASMANIA - Hobart - Depth information.

Former Notice - 263(T)/2002 is cancelled

Hobart Ports Corporation (A104755).

Available depths as at 1 May 2004:

	<i>Metres</i>
* Princes 1	7.4
* Princes Int	7.2
* Princes 2	7.6
* Princes 3	8.6
* Princes 4	6.8
* Elizabeth St South	7.7
* Macquarie 1	4.1
* Macquarie 2	8.7
* Macquarie 3	9.5
* Macquarie 4	12.6
* Macquarie 5	12.6
* Macquarie 6	11.0
Selfs Point	14.0
Risdon	9.8

* Indicates revised entry.

Chart temporarily affected - Aus 172.

766(T)/2004 AUSTRALIA - TASMANIA - Great Oyster Bay - Scientific instruments.

Date - Until 15 March 2005

Marine and Safety Tasmania Notice M59-04 (A104454).

Twenty-eight scientific instruments exist on the seabed; on the western side between 42° 18'.7 S 148° 00'.2 E and 42° 07'.7 S 148° 05'.4 E and on the eastern side between 42° 18'.7 S 148° 13'.6 E and 42° 07'.7 S 148° 14'.6 E.

Chart temporarily affected - Aus 355.

767(T)/2004 AUSTRALIA - VICTORIA - Lorne - Light unlit.

List of Lights Vol K/2004 -- 2180.00

Victorian Notice 82(T)/2004 (A105600).

The light (38° 32'.81 S 143° 59'.35 E) is unlit.

Chart temporarily affected - Aus 141 - Aus 349 - Aus 350 - Aus 788.

II

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

Edition No 19 dated 17 September 2004.

Last Amendment: Edition No 18 dated 3 September 2004

NOTE: As of this edition, BA Week 34/04, latitude and longitude positions of lights published in Section II will be shown to 2 decimal places of a minute where data to that accuracy is held. Similarly the next New Edition will also show positions to 2 decimal places.

1020-5	Karang Batu Malang	3 14-91 107 28-17	Fl W 5s	13	12	White beacon 10	<i>fl 1. Ra refl.</i> TE 2004
		*				*	*
1020-7	Masar Island (Kennedy)	3 20-25 107 42-00	Fl(2) W 15s	22	4	White beacon	<i>fl 0-5, ec 4-5, fl 0-5, ec 9-5</i>
					*		
1040	Beting Raja	5 12-50 106 52-66	Fl(2) W 10s	13	12	Black $\odot$ on black framework tower, red bands 12	<i>fl 0-5, ec 2-5, fl 0-5, ec 6-5.</i> Ra refl. Racon
		*					
1174	Karang Queen Olga. N side of channel	7 10-87 112 43-93	Fl R 10s	7	7	Red metal beacon	
			*	*		*	*
1693	Harriet Oilfield. Harriet A --	20 36-2 115 36-8 ...	Mo (U) Y 15s Horn Mo(U) 30s	...	...	Platform	Lights are shown on platforms northeastwards in this field
			*				
1693-3	Campbell	20 24-93 115 43-74	Mo(U) Y 15s	...	...	Platform	
			*				
1693-4	Sinbad	20 29-08 115 42-66	Mo(U) Y 15s	...	...	Platform	
			*				
1693-45	Linda	20 33-31 115 42-53	Mo(U) Y 15s	...	...	Platform	
	*		*				
1693-5	Bambra	20 32-8 115 36-3	Mo(U) Y 15s	18	10	Platform	
			*				
1777-82	MEDINA CHANNEL Pipeline. Head	32 11-77 115 46-30	Fl R 3s	...	2		
		*	*				
1777-821	---- E	32 11-77 115 46-31	Fl R 3s	...	2		
*	*	*	*	*	*	*	*
1777-84	----	32 11-92 115 46-24	Fl R 3s	...	2		
		*	*				
1777-841	---- E	32 11-92 115 46-26	Fl R 3s	...	2		
*	*	*	*	*	*	*	*
2825-9	- Goodwood Island. Ldg Lts 106°37'. Front	29 23-62 153 20-21	Fl G 3s	...	...	$\triangle$ on beacon	
*	*	*	*	*	*	*	*

Volume K *continued*

2825-91	--- Rear	29 23-67 153 20-45	Fl R 3s	...	...	▽ on beacon	
*	*	*	*	*	*	*	*
2826	--	29 23-53 153 20-09	Iso G 2s	...	...	△ on beacon	
*	*	*	*	*	*	*	*
2826-3	-- Ldg Lts 326°01'. Front	29 23-44 153 20-00	Fl G 3s	...	...	△ on beacon	
*	*	*	*	*	*	*	*
2826-31	--- Rear	29 23-38 153 19-93	F R	...	...	▽ on beacon	
*	*	*	*	*	*	*	*
2826-5	-- Ldg Lts 286-6°. Front	29 22-8 153 16-9	F G	...	...	△ on beacon	
*	*	*	*	*	*	*	*
2826-51	-- Common rear. Ldg Lts 286-6° --- Ldg Lts 001-6°	29 22-77 153 16-89 ...	F Bu F Bu	...	...	▽ on beacon ...	Rear to K2826-5 Rear to K2826-52
*	*	*	*	*	*	*	*
2826-52	-- Ldg Lts 001-6°. Front	29 22-83 153 16-90	F G	...	...	△ on beacon	
*	*	*	*	*	*	*	*
2827	-- Ldg Lts 038°36'. Front	29 22-73 153 17-30	Fl G 3s	...	...	△ on beacon	
*	*	*	*	*	*	*	*
2827-1	--- Rear	29 22-67 153 17-34	F Bu	...	...	▽ on beacon	
*	*	*	*	*	*	*	*
2861-5	- Tangalooma. Ldg Lts 072°19'. Front	27 11-5 153 22-1	Dir Q Bu	10	...	△	Vis 070-3°-074-3°(4°)
			*				
2861-51	--- Rear. 180m from front	27 11-5 153 22-2	Dir Iso Bu 2s	70	...	▽	Vis 070-3°-074-3°(4°)
			*				
2861-7	-- Ldg Lts 030°50'. Front	27 10-60 153 22-34	Dir Q Bu	...	...	△	Vis 027-6°-031-6°(4°)
			*				
2861-71	--- Rear	27 10-54 153 22-37	Dir Iso Bu 2s	...	...	▽	Vis 027-6°-031-6°(4°)
			*				
3118-1	-- Shore end	19 10-12 146 37-52	Fl R 3s	...	...	Beacon	<i>fl 0-3</i>
		*	*			*	
3118-11	---	19 10-14 146 37-50	Fl R 3s	...	...	Beacon	<i>fl 0-3</i>
*	*	*	*	*	*	*	*
3206-5	Willis Islets. S Islet	16 17-3 149 57-9	Fl W 2s	18	...	Radio mast on building	TE until December 2005
							*

Volume K *continued*

3206-55	-- Ldg Lts 044-7°. Front	16 17-28 149 57-88	F G				
*	*	*	*	*	*	*	*
3206-551	--- Rear. 18m from front	16 17-27 149 57-88	F G				
*	*	*	*	*	*	*	*
3743-2	Wairau River Approaches. Rahopara Point. Milford Reef	36 45-65 174 46-34	Fl G 5s	3	2	Green △ on metal pole	
*	*	*	*	*	*	*	*
3849-7	- Panmure Bridge. NW Pier	36 54-48 174 51-50	2 F G (vert)	...	...	On pier at bridge level	
		*	*			*	
3849-72	-- SE Pier	36 54-51 174 51-51	2 F R (vert)	...	...	On pier at bridge level	
		*	*			*	
3849-8	- Pakuranga Bridge. W Pier	36 54-71 174 51-41	F G				
		*	*				
3849-82	-- E Pier	36 54-72 174 51-46	F R				
		*	*				
3849-84	-- Centre	36 54-71 174 51-43	F GR (vert)	...	...	Centre of bridge span	FG over F R
*	*	*	*	*	*	*	*
WHITIANGA HARBOUR							
3893-2	- Marina Entrance	36 50-1 175 42-6	Fl(2+1) G 6s	...	...	Red band on green post	
*	*	*	*	*	*	*	*
3893-3	--	36 50-1 175 42-6	Fl G 3s	...	...	Green post	
*	*	*	*	*	*	*	*
3898-4	<i>Remove from List</i>						
4021-4	-- Off Breakwater. Head	41 18-8 174 48-0	Q G	3	2	Pile beacon	
			*	*	*		
4784-5	- Pointe Méanh. Ldg Lts 288°. Front	21 28-18 166 03-21	Fl(3) W 12s	...	9	Beacon	(fl 1, ec 1-5) x 2, fl 1, ec 6. TE 2004
							*
4784-51	--- Rear. 1150m from front	21 28-0 166 02-6	Fl(3) W 12s	...	9	Beacon	(fl 1, ec 1-5) x 2, fl 1, ec 6. Synchronized with front. TE 2004
							*
4787-4	Passe de Mouéo. S side	21 24-0 164 56-7	Fl G 4s	9	6	White column, green top 10	fl 1
							*

II

Volume K *continued*

4799-9	Îlot M'bé	22 29-0 166 33-5	Fl(2) WRG 6s	...	W 8 R 5 G 5	White pylon	<i>fl 1, ec 1, fl 1, ec 3.</i> W135°-152°(17°), R152°-287°(135°), W287°-303°(16°), G303°-135°(192°). RangeW6, R4,G4 (T) 2004
							*
4804-3	- Récif To	22 30-82 166 27-09	Fl R 4s	7	2	Red □ on red buoyant beacon	(P) 2004
*	*	*	*	*	*	*	*
4965-2	--	17 35-3 149 37-0	Q R	4	3	Red □ on red beacon 7	Destroyed (T) 2004
							*
4965-91	-- Îlot Mapiti. Westwards	17 46-7 149 25-3	Q G	2	4	Green △ on green beacon 4	TE 2004
							*
4982-9	- Pointe Teahuatea	16 30-3 151 45-6	Fl G 2-5s	2	5	Green △ on green beacon 9	<i>fl 0-5</i>
							*
4983-4	--	16 27-8 151 45-2	Fl G 2-5s	3	5	Green △ on green beacon 6	<i>fl 0-5. TE 2004</i>
							*
MATAIVA							
4996	- SE. Mania	14 53-6 148 37-8	Fl W 5s	11	8	White pylon 11	<i>fl 1-5. Ra refl</i>
*	*	*	*	*	*	*	*
4996-2	- Passe Faratue	14 51-8 148 42-7	Q W	6	4	△ on yellow beacon, black top 6	
*	*	*	*	*	*	*	*
4996-4	-- Ldg Lts 128°. Front	14 52-0 148 42-5	Fl G 2-5s	3	3	White column, red bands 5	<i>fl 0-5</i>
*	*	*	*	*	*	*	*
4996-41	--- Rear. 75m from front	14 52-0 148 42-5	Fl G 2-5s	5	3	White column, red bands 6	<i>fl 0-5</i>
*	*	*	*	*	*	*	*
5000-4	- Torea	16 04-2 145 41-8	Fl W 5s	29	18	Red and white column 28	TE 2004
							*

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 3 September 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

- 256 NW Coast. Drill rig *Atwood Eagle* in position 19° 34'.6 S 116° 27'.0 E. 2.5M clearance requested.
257 Cancelled.
258 Cancelled.
259 Cancelled.
260 Cancelled.
261 SE Coast. Pipelay vessel *Semac 1* commenced operations between positions 12° 22' S 130° 42' E and 12° 09' S 130° 09' E. Support vessels attending. 2.5M clearance requested.
262 NW Coast. Seismic SV *Pacific Sword* towing 4.5M cable in area bounded by 10° 00' S to 11° 00' S and 129° 05' E to 130° 20' E. 5M clearance requested.
263 Cancelled.
264 NW Coast. Drill rig *Sedco 703* in position 13° 37'.7 S 128° 29'.1 E. 2.5M clearance requested.
265 Cancelled.
266 Cancelled.
267 NE Coast N Coast. Navaid construction work in progress at Nardana Patches (10° 30'.4 S 142° 14'.6 E). Vessels may be requested to keep clear during towing operations or to reduce speed to pass construction site at 5-6 knots. Reefcentre may make these requests when transiting vessels report at Booby, Bramble and Hannibal and will provide updates at Alpha and Twin. Support vessel *Pacific Mariner* will be on station and may communicate on VHF Ch 16.

NAVAREA X WARNINGS

- 010 South Pacific. Survey operations in progress by MV *L'Atlante* towing 2.5M cable in area between 21° 00' S to 26° 00' S and 158° 30' E to 171° 30' E.

Navigational warnings in force as at 020001UTC SEP 04.

Auscoast

189 190 191 192 224 242 247 251 255 256 261 262 264 267.

Navarea X

007 009 010.

Summary of mobile drilling rigs as at 020001UTC SEP 04.

Name	Position
Sedco 703	13° 37'.7 S 128° 29'.1 E
Ocean Epoch	19° 15'.5 S 116° 38'.3 E
Atwood Eagle	19° 34'.6 S 116° 27'.0 E
Ensco 56	20° 34'.5 S 115° 38'.3 E
Ensco 102	39° 50'.7 S 145° 49'.1 E

NAVAREA XIV WARNINGS

- 056 Cancelled.
057 New Zealand North Island. Drill rig *Ocean Bounty* in position 39° 26'.6 S 173° 09'.3 E. 2.5M clearance requested.
058 Cancelled.
059 South Pacific. Survey operations in progress by MV *L'Atlante* towing 2.5M cable in area between 21° 00' S to 26° 00' S and 158° 30' E to 171° 30' E.
060 Cancelled.
061 Cancelled.
062 New Zealand North Island. Drill rig *Ocean Patriot* in position 40° 39'.4 S 176° 41'.3 E. A 500 metre exclusion zone surrounds the rig.

Navarea XIV warnings in force as at 020001UTC SEP 04.

052 054 057 059 062.

HYDROGRAPHIC REPORTS

NIL REPORTS

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2004

Edition No 19 dated 17 September 2004

VOLUME 1, PART 2, NP 281(2), 2004/05

Published BA Wk 28/04

(Last Amendments: Edition No 18 dated 3 September 2004)

Page 149, **JAPAN, ISHIGAKI (SAKISHIMA GUNTO) (JNG) [2405] (JCG MRCC)**, contact table, Telephone +81(0)980 824999, delete and replace by: +81(0)980 824852
Fax +81(0)980 824999, delete and replace by: +81(0)980 824852

Japan Coast Guard Ad34/04

Page 151, **KŌBE (JGD) [2369] (JCG MRCC)**, contact table, Telephone +81(0)78 640428, delete and replace by: +81(0)78 3916740
Fax +81(0)78 640428, delete and replace by: +81(0)78 3916740

Japan Coast Guard Ad34/04

Page 151, **KŌBE (JGD) [2369] (JCG MRCC)**, VHF table, delete and replace by:

VHF

Distress and Safety and JASREP / AMVER Messages		
Goshikidai	Ch 09 12 16	34°20'N 133°57'E
Senzan		34°22'N 134°50'E
Myoujinyama	Ch 12 16	33°48'N 134°39'E
Nachi		34°43'N 135°52'E
Rokko		34°46'N 135°15'E
Suzaki		33°26'N 133°16'E
Tanabe		33°43'N 135°24'E
Tsuneyama		34°31'N 133°53'E
HOURS OF WATCH: H24		

Japan Coast Guard Ad34/04

Pages 151 and 152, **KŌCHI (JNO) [2373] (JCG MRCC)**, delete station:

Japan Coast Guard Ad34/04

Page 152, **KUSHIRO (JNX) [2403] (JCG MRCC)**, contact table, Telephone +81(0)134 276165, delete and replace by: +81(0)154 250118
Fax +81(0)134 276165, delete and replace by: +81(0)154 250118

Japan Coast Guard Ad34/04

Page 154, **MOJI (JNR) [2374] (JCG MRCC)**, VHF table, after Hio, insert:

Kamiagata	Ch 12 16	34°38'N 129°21'E
-----------	----------	------------------

Japan Coast Guard Ad34/04

Page 154, **NAGOYA (JNT) [2367] (JCG MRCC)**, VHF table, delete station entries and replace by:

Asamagatake	Ch 9 12 16	34°27'N 136°49'E
Honguzan	Ch 12 16	34°54'N 137°25'E

Japan Coast Guard Ad34/04

Page 156, **OTARU (JNL) [2402] (JCG MRCC)**, VHF table, delete Bokoi entry and after Inaho entry insert:

Nishimuroran	Ch 9 12 16	42°20'N 141°58'E
--------------	------------	------------------

Japan Coast Guard Ad34/04

Page 157, **SHIOGAMA (JNN) [2377] (JCG MRCC)**, contact table, Telephone +81(0)22 3661857, delete and replace by: +81(0)22 8666957
Fax +81(0)22 3661857, delete and replace by: +81(0)22 8666957

Japan Coast Guard Ad34/04

Page 158, **TANABE (JNH) [2370] (JCG MRCC)**, delete station:

Japan Coast Guard Ad34/04

Page 161, **YOKOHAMA (JGC) [2365] (JCG MRCC)**, contact table, Telephone +81(0)45 8335074, delete and replace by: +81(0)45 2275651
Fax +81(0)45 8335074, delete and replace by: +81(0)45 2275651

Japan Coast Guard Ad34/04

Pages 184, **NEW ZEALAND, SEALINK AUTOPHONE**, delete section

Taupo Maritime Radio Ad35/04

VOLUME 2, NP 282, 2004/05

Published BA Wk 10/04

(Last Amendments: Edition No 18 dated 3 September 2004)

RADAR BEACONS

Page 67, **SAUDI ARABIA (Red Sea Coast)** section,

75960 Shi'b Qaam Lt

Delete entry and replace by:

Shi'b Qaham Lt Bn Racon 21°27'·02N 39°06'·66E **75960**
(3 & 10 cm) T

Saudi Ports Authority Ad34/04

Page 72, **INDIA** section, insert:

Mumbai, Kanhoji Angre I. Lt Racon 18°42'·15N 72°48'·85E **78990**
(3 & 10 cm) 360° K

Indian Special Notice 20/04 Ad35/04

Page 79, **CHINA** section, insert:

Qing Yu Lt Racon 24°21'·89N 118°07'·50E **81455**
C

Chinese Notice 25/504/04 Ad35/04

Page 81, **CHINA** section

81810 Nanco Lt Vessel

Delete position 31°02'·65N 122°16'·33E and replace by: 31°00'·30N 122°28'·10E

Chinese Notice 24/476/04 Ad35/04

DIFFERENTIAL GPS (DGPS)

BEACONS TRANSMITTING DGPS CORRECTIONS

Page 171, **France (Atlantic Coast)**, delete section and replace by:

FRANCE (Atlantic Coast)									
Cap Ferret Lt	44°38'·77N 1°14'·84W	310	100	466	336	97	Yes	Operational	1 3 5 7 9 16
La Hague	49°34'·0N 1°46'·0W	330	100	460		97	Yes	Operational	1 3 5 7 9
Les Sables d'Olonne	43°31'·0N 1°48'·0W	334	100	464		108	Yes	Operational	1 3 5 7 9
Pen Men, Ile de Groix	47°38'·91N 3°30'·49W	333	100	463		97	Yes	Operational	1 3 5 7 9
Ponte de Buis	48°18'·00N 4°05'·00W	332	100	462		108	Yes	Operational	1 3 5 7 9
Pointe S. Mathieu Lt ¹	48°19'·85N 4°46'·17W	310·5	100	462	332	97		On trial	1 3 5 7 9
(1) This station will continue to broadcast intermittently for an indeterminate period but should not be used for navigation.									

French Correction to list of Radio Signals 30/04 Ad35/04

(Continued on next page)

(Last Amendments: Edition No 18 dated 3 September 2004)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGSPage 217, **UNITED STATES (Alaska)**, GENERAL NOTES, delete lines 9 to 40 and replace by:(a) **Telephone:** For International dialling add code: +1 907(i) **Alaska Weather Line**

In Anchorage	2665145
In Fairbanks	4583745
In Juneau	7906850
In Petersburg	7723311
Within Alaska	800 4720391 (Toll free service within USA & Canada only)

(ii) **Recorded Telephone Marine Forecasts**

Cordova	4243333	H24
Juneau	5863997	H24
Sitka	7476011	H24
Wrangell	8743232	H24
Yakutat	7843654	H24

(iii) **WSO Telephone Numbers**

Office	Tel. No.	Office Hours
Annette	8863241	1200-1700 (LT)
Anchorage	2665102	H24
Barrow	8526484	H24 (1 July - 31 October)
Bethel	5432236	1200-1700 (LT)
Cold Bay	5322448	H24
Fairbanks	4583700	H24
Juneau	7906802	H24
King Salmon	2463303	1200-1700 (LT)
Kodiak	4872102	H24
Kotzebue	4423231	1200-1700 (LT)
Nome	4432321	H24
S. Paul	5462215	H24
Valdez	8354505	H24
Yakutat	7843322	H24

NOAA Ad34/04

Page 219, **BARROW (WEATHER SERVICE OFFICE)**, Weather Bulletins section, delete line 1 and replace by:

0400 1530	Gale warnings, synopsis and forecast for Areas 10A, 10B, 11A and 11B Generalised statement on ice coverage from Wales to Demarcation Point
-----------	---

NOAA Ad34/04

Page 219, **COLD BAY (WEATHER SERVICE OFFICE)**, Weather Bulletins section, delete line 1 and replace by:

0530 1930	Gale warnings, synopsis and forecast for Areas 5A, 5B, 6A, 6B, 8, 12A, 12A1, 12B, 13A, 13B, 15 and Bering Sea Offshore
-----------	--

former amendment 21/04

NOAA Ad34/04

Page 220, **KING SALMON (WEATHER SERVICE OFFICE)**, Weather Bulletins section, delete line 1 and replace by:

0130 2000	Gale warnings, synopsis and forecast for Areas 3A, 3B, 3C, 5A, 5B, 6A, 6B, 8, 12A, 12B, 13A, 13B, 15 and Bering Sea Offshore
-----------	--

NOAA Ad34/04

Page 221, **KODIAK (WEATHER SERVICE OFFICE)**, Weather Bulletins section, delete line 1 and replace by:

0400 1700	Gale warnings and forecast for Areas 2B, 3A, 3B, 3C, 5A, 5B, 6A, 6B, 12A, 41, 42, 43, 51, 52, 53, Gulf of Alaska and Bering Sea Offshore
-----------	--

NOAA Ad34/04

Page 221, **NOME (WEATHER SERVICE OFFICE)**, Weather Bulletins section, delete line 1 and replace by:

0630 2030	Gale warnings, synopsis and forecast for Areas 9A, 9B, 10A, 10B, 11A and 11B
-----------	--

NOAA Ad34/04

VOLUME 5, NP 285, 2004/05

Published BA Wk 24/04

(Last Amendments: Edition No 17 dated 20 August 2004)

Page 298, **Chapter 16: STATIONS WITH OPERATIONAL NAVTEX FACILITIES, RUSSIA (Arctic Coast)** section, delete and replace by:

RUSSIA (White Sea Coast)

Arkhangel'sk [F]

TELEPHONE: +7818 2 208882

64°51'N 40°17'E

FAX: +7818 2 637460

Diagram X1

E-MAIL: navtex@mapa.ru

MMSI: 002734414

NAVTEX [F] Languages: English & Russian

TIME UT(GMT)	WEATHER BULLETINS ¹	NAVIGATIONAL WARNINGS
0050	●	●
0450	●	●
0850	●	●
1250	●	●
1650	●	●
2050	●	●

1) When details are available

RUSSIA (Barents Sea Coast)

Murmansk [C]

TELEPHONE: +7815 288110, 288200

68°46'N 32°58'E

& 288202

Diagram X1

FAX: +7815 2 288210

E-MAIL: radio@mtf.ru & rshrs@mtf.ru

MMSI: 002734420

NAVTEX [C]

TIME UT(GMT)	WEATHER BULLETINS ¹	NAVIGATIONAL WARNINGS
0020	●	●
0420	●	●
0820	●	●
1220	●	●
1620	●	●
2020	●	●

1) 1) When details are available

Morsviazputnik Ad35/04

Page 299, **RUSSIA (Pacific Coast)**, **Kholmsk [B]**, station heading, delete and replace by:

Kholmsk [B]

TELEPHONE: +7424 33 66285 & 66261

47°02'N 142°03'E

FAX: +7424 33 66020

Diagram X4

E-MAIL: far@snc.ru & may@kholmsk.ru

NAVTEX [B]

Morsviazsputnik Ad35/04

Page 303, **UKRAINE**, **Odesa [C]**, Navtex table, WEATHER BULLETINS column, delete and replace by:

WEATHER BULLETINS
●
●

Odesa Radio Ad35/04

Page 344, **Chapter 17: DISTRESS, SEARCH AND RESCUE, INDIA**, delete section and replace by:

INDIA

See diagrams R12, R13 & R14

National SAR Agency: Indian Coast Guard

Address: Coast Guard Headquarters, National Stadium Complex, Purana Quila Road, New Delhi - 110 001, India

Tel: +91 11 23385849 & 11 23384934

Fax: +91 11 23383196

Telex: +813165359 CGHQ IN

E-mail: vprotect@vsnl.com

The Indian Coast Guard is responsible for co-ordinating SAR operations in the Indian Maritime SRR. The Indian SRR is divided into three sub-regions, each with an assigned MRCC at Mumbai (Bombay), Chennai (Madras) and Port Blair.

The MRCCs are co-located with Coast Guard Regional Headquarters (RHQs) and co-ordinate missions with other agencies via a network of MRSCs. Merchant vessels plying through the Indian SRR may participate in a Computerised Vessel Reporting System for SAR known as 'INDSAR'. Position reporting by using two digit INMARSAT service code 43 via LES Arvi is voluntary and free of charge. The INDSAR system is co-ordinated by MRCC Mumbai, MMSI 004192203, e-mail: indsar@vsnl.net

	Telephone +91	Fax +91	Others
--	---------------	---------	--------

Western Region

MRCC MUMBAI (Bombay) CGRHQ (West)	22 24376133 22 24301455 1718 (toll free from anywhere in India)	22 24333727 22 24316558	Telex +8101171381 BMCG IN +8101173038 Inmarsat C (IOR) 441907210 Inmarsat M (IOR) 641901610 E-mail opswest@vsnl.net indsar@vsnl.net
MRSC PORBANDAR	286 2242450	286 2210559	Telex +810166209 GJCG IN Inmarsat C (IOR) 441908210 Inmarsat M (IOR) 641900510 E-mail comdis_1ad1@sancharnet.in
MRSC GOA	832 2521051	832 2520584	Telex +810191201 CGGO IN Inmarsat C (IOR) 441907410 Inmarsat M (IOR) 641901310 E-mail comdis1@email.com
MRSC NEW MANGALORE	824 2407745	824 2407371	Telex +810832216 DHQM IN Inmarsat C (IOR) 441908310 Inmarsat M (IOR) 641900710 E-mail cgman@sancharnet.in
MRSC KOCHI	484 2218300 484 2218321	484 2217164	Telex +8108857094 DHQ IN Inmarsat C (IOR) 441907310 Inmarsat M (IOR) 641900410 E-mail kripa@md3.vsnl.net.in

(Continued on next page)

Eastern Region (including Bay of Bengal)

MRCC CHENNAI (Madras) CGRHQ (East)	44 25395015 44 25395016 44 25395017 44 25395018	44 25395015 44 25395018	Telex +81041 6063 MSCG IN Inmarsat C (IOR) 441907510 Inmarsat M (IOR) 641901410 E-mail isareast@md3.vsnl.net.in cgpoorav@md2.vsnl.net.in
MRSC HALDIA	3224 264541 3224 263407 3224 267755	3224 264541 3224 263404	Telex +810645216 DHQH IN Inmarsat C (IOR) 441907110 Inmarsat mini-M (IOR) 761887342 (voice) E-mail cgdhq8@cal2.vsnl.net.in
MRSC PARADIP	6722 223359 6722 223380 6722 220174	6722 223359 6722 222712	Inmarsat C (IOR) 441907710 Inmarsat M (IOR) 641901710 E-mail cgdhqdp@cte.vsnl.net.in ctk_cgdhqdp@sancharnet.in
MRSC VIZAG	891 2568879 891 2568875	891 2568879	Telex +8104957512 CGDV IN Inmarsat C (IOR) 441907010 Inmarsat M (IOR) 641900410 E-mail dhq6@md4.vsnl.net.in dhqvsp@sify.com
MRSC TUTICORIN	461 2352199 461 2352667	461 2352199 461 2353906	Telex +810434202 CGTT IN Inmarsat C (IOR) 441900447 Inmarsat mini-M (IOR) 762484086 (voice) (IOR) 762484087 (fax) (IOR) 762484088 (data) E-mail cgstuti@sancharnet.in
MRSC MANDAPAM	4573 241518 4573 241519	4573 241518 4573 241519	Telex +810446245 CGSM IN Inmarsat C (IOR) 441907810 Inmarsat M (IOR) 641901010 E-mail cgsm@md5.vsnl.net.in mdcgm@sancharnet.in

Andaman & Nicobar Region

MRCC PORT BLAIR CGRHQ (A&N)	3192 242948	3192 235612	Inmarsat C (IOR) 441908010 Inmarsat M (IOR) 641900910 E-mail pblcgrhqan@sancharnet.in pblmrccpb@sancharnet.in
MRSC DIGLIPUR	3192 272259	3192 272345	Inmarsat C (IOR) 441908110 Inmarsat mini-M (IOR) 762483768 (voice) (IOR) 762483769 (fax) (IOR) 762483770 (data)
MRSC CAMPBELL BAY	3192 264235	3192 264205	Inmarsat C (IOR) 441907910 Inmarsat mini-M (IOR) 762483771 (voice) (IOR) 762483772 (fax) (IOR) 762483773 (data)
INDIA MCC (INMCC) (COSPAS-SARSAT SPOC)	80 809 4546 80 809 4534	80 809 4248 80 809 4444	Telex +8184 52996 E-mail nks@istrac.vsnl.net.in

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

Published BA Wk 37/03

(Last Amendments: Edition No 13 dated 25 June 2004)

**THE 2004/05 EDITION OF THIS VOLUME HAS BEEN PUBLISHED
THE 2003/04 EDITION IS CANCELLED**

VOLUME 6, PART 4, NP 286(4), 2004/05

Published BA Wk 35/04

*Notices accrued while this volume was in the press from BA Week 27/04 to
BA Week 35/04, are herewith re-issued along with new information*

Page iii, **DIRECTIONS FOR UPDATING THIS VOLUME**

Below,

RECORD OF AMENDMENTS
Weekly Notices to Mariners (Section VI)

insert:

**This edition was published in week 35/04. The first Weekly
Notice to Mariners was issued in week 35/04**

UKHO Ad35/04

Page 221, **KOREA, SOUTH, TONGHAE (DONGHAE)**

Pilots and Port, PROCEDURE, delete section (3) (b) and replace by:

(b) 37°29'·3N 129°11'·4E (No 2)

Korean Notice 25/330/2004 Ad35/04

Page 248, **NEW ZEALAND, PICTON (PORT MARLBOROUGH)**

After **Pilots** section, insert new section as follows:

Security Reporting System

AREAS:

Security Area 1: Shakespeare Bay (Waimahara Wharf): that area enclosed by the following line from the shore (41°16'·68S 173°59'·94E) in a WNW direction approximately 140m to 41°16'·65S 173°59'·86E, thence in a NNE direction approximately 320m to 41°16'·49S 173°59'·95E, thence in a ESE direction to shore approximately 150m to 41°16'·53S 174°00'·05E.

Security Area 2: Picton Wharves: that area enclosed by the following line from the shore (41°17'·01S 174°00'·25E) in a NE direction approximately 266m to 41°16'·91S 174°00'·38E, thence in a SE direction approximately 90m to 41°16'·94S 174°00'·43E, thence in a SxE direction approximately 193m to 41°17'·04S 174°00'·44E, thence in a SW direction approximately 164m to the end of the jetty at 41°17'·11S 174°00'·36E, thence along the face of the jetty to the shoreline.

CALL: Picton Harbour Radio

FREQUENCY: Ch 19

PROCEDURE: All vessels entering the following Security areas are to contact Picton Harbour Radio on VHF Ch 19 and identify themselves.

Port Marlborough NZ Ltd Ad35/04

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2004

(in the area of Australian Charting Responsibility)

NP 15 Australia Pilot Volume III (2002 Edition)

Papua New Guinea, South-west Coast - Port Moresby — Exclusion zone

352

After Paragraph 12.162 1 line 3 Insert:

Exclusion zone, as shown on the chart, has been established in the vicinity of Napa Napa (12.181).

Australian Notice 14/535/04

[Ad 35/04]

NP 51 New Zealand Pilot (2001 Edition)

Whangarei Harbour — Directions; prohibited area

212

Paragraph 7.172.2 including existing Section IV Notice Week 10/04 *Replace by:*

- 2 From the pilot boarding position (35°54'·9S, 174°34'·6E), the alignment (320½°) of the leading beacons by day, and the white sector (320°-321°) of the direction light by night, leads into the entrance, passing about 1½ cables SW of Fairway Light-buoy. A light-buoy (special) (35°53'·0S, 174°32'·9E) is moored between Fairway Light-buoy and No 1 Light-buoy. A prohibited area has been established, radius 100 m, centred on the light-buoy (special), as shown on the chart.

New Zealand Notice 140/04

[Ad 34/04]

NP 60 Pacific Islands Pilot Volume I (1988 Edition) — Supplement 6-2003

Solomon Islands - New Georgia Island - Viru Harbour — Leading beacons; beacons

110

L 11-L 26 *Replace by:*

From a position S of the entrance the track leads NNE between two reefs, thence ENE, thence NNE to the anchorage.

Australian Government Survey

[Ad 35/04]

NP 61 Pacific Islands Pilot Volume II (1984 Edition) — Supplement 7-2001

Second Channel, South-east approaches — Anchorages

173

L 13-14 Including existing Supplement amendment *Replace by:*

Chart 1638 Plans in Northern Vanuatu

L 17-26 Including existing Supplement amendment *Replace by:*

Abokisa Island (15°35'·7S, 167°14'·3E), 5 m high, lies in the channel between the SW extremity of Tutuba Island (6.380) and the E extremity of Aoré Island.

Dives Passage, 4 cables wide at its narrowest, and Fabert Passage, 6½ cables wide at its narrowest, lie on the E and W sides respectively of Abokisa Island; both are deep, and clear of charted dangers.

Useful marks:

Chapuis Point Light (6.382).

A white rock (4 m high) on the shore 4 miles NNW of Abokisa Island, shows up well...

L 31-33 Including existing Supplement amendment *Replace by:*

Aïsari Bay (15°34'·4S, 167°11'·8E) on the E side of Aoré Island, as shown on the chart. Anchorage is afforded to small craft in the bay, but it is encumbered with...

L 36-43 Including existing Supplement amendment *Replace by:*

6.379

Spare

L 50-51 Including existing Supplement amendment *Replace by:*

...Tutuba Island, densely wooded and 36 m high near its S end, and the main island of...

L 58 Including existing Supplement amendment *Replace by:*

...height) (15°28'·7S, 167°15'·0E) on Naoréuré Point...

United Kingdom Hydrographic Office

[Ad 35/04]

Pago Pago Harbour — Buoyage

373

L 6-8 Including existing Supplement amendment *Replace by:*

NE of No 4 light-buoy (port hand) (4½ cables SW).

US Notice 24/83484/04

[Ad 35/04]