

Australian Notices to Mariners are the authority for correcting Australian Charts

# AUSTRALIAN NOTICES TO MARINERS

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 Notices 345 - 388

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](mailto:Hydro.NTM@defence.gov.au) or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – [www.hydro.gov.au](http://www.hydro.gov.au)), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email [rccaus@amsa.gov.au](mailto:rccaus@amsa.gov.au)).**

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](http://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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**NUMERICAL INDEX OF CHARTS AFFECTED**

**Edition No 9**

*30 April 2004*

Notices	Aus Chart, INT Chart, ENC Cell, BA Pubs
345.....	British Admiralty publication
346.....	Selected current Admiralty hydrographic publications
347.....	Agents for the sale of Navigational Products
348.....	Aus 786
349.....	Aus 200, 203
350.....	Aus 236
351.....	Aus 236
352.....	Aus 236
353.....	Aus 249, 823
354.....	Aus 827, AU419146
355.....	Aus 292, 293, 375, 376, 835, 839, AU412142, 412143, 499142
356.....	Aus 4721, 4722, INT 721, 722
357.....	Aus 313, 4603, 4721, INT 603, 721
358.....	Aus 4603, 4721, INT 603, 721
359.....	Aus 313, 4603, 4721, 4722, INT 603, 721, 722
360.....	Aus 321, 4603, 4721, 4722, INT 603, 721, 722
361.....	Aus 321, 4603, 4721, 4722, INT 603, 721, 722
362.....	Aus 317, 4603, 4722, INT 603, 722
363.....	Aus 317, 4603, 4722, INT 603, 722
364.....	Aus 81, 332, 333, 751
365.....	Aus 81
366.....	Aus 173
367.....	Aus 172
368.....	Aus 172
369.....	Aus 143, 144, 158, 350, 788
370(P).....	Aus 237
371(T).....	Aus 238
372(T).....	Aus 235
373(T).....	Aus 252, 253, 254
374(T).....	Aus 252
375(T).....	Aus 256, 257, AU420146, 5_ _257
376(T).....	Aus 262, 263, 264
377(T).....	Aus 831, AU416145
378(T).....	Aus 308, 720, AX70308
379(T).....	Aus 26, 28
380(T).....	Aus 26, 28
381(T).....	Aus 327, 415, 4722
382(T).....	Aus 112, 754
383(T).....	Aus 139
384(T).....	Aus 780, 781
385(T).....	Aus 137
386(T).....	Aus 157
387(T).....	Aus 143, 154, 155
388(P).....	Aus 148, 357, 357A, 422, 445A, 802

**345 AUSTRALIA - Products.**

AHS (A81663).

**British Admiralty publication**

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP 283(2)	Admiralty List of Radio Signals. Maritime Safety Information Services. Part 2: Oceania, the Americas and the Far East. Edition 2004/05	1/4/2004	The 2003/04 edition of NP 283(2) is thereby cancelled.

**346 AUSTRALIA - Products - Selected current Admiralty hydrographic publications.**

British Admiralty Ed 14/2004 (A81662)

*(Corrected 27 March 2004)**(Former Listing dated 27 December 2003 is cancelled)***(1) Current editions of Sailing Directions and their latest supplements**

<i>NP No</i>	<i>Title</i>	<i>Edition</i>	<i>Supplement</i>
9 †	Antarctic Pilot	5th (1997)	
13	Australia Pilot Vol I	7th (1992)	3/2001
14 ‡	Australia Pilot Vol II	8th (2001)	
15 ‡	Australia Pilot Vol III	9th (2002)	
17	Australia Pilot Vol V	7th (1992)	3/2001
33 †	Philippine Islands Pilot	1st (1978)	11/2000
34 ‡	Indonesia Pilot Vol II	3rd (2003)	
35 ‡ †	Indonesia Pilot Vol III	2nd (2001)	
36 ‡	Indonesia Pilot Vol I	4th (2002)	
39 ‡ †	South Indian Ocean Pilot	10th (2001)	
44 ‡	Malacca Strait and West Coast of Sumatra Pilot	7th (2003)	
51 ‡ †	New Zealand Pilot	15th (2001)	
60	Pacific Islands Pilot Vol I	10th (1988)	6/2003
61	Pacific Islands Pilot Vol II	10th (1984)	7/2001
62	Pacific Islands Pilot Vol III	10th (1982)	9/2002
100	The Mariner's Handbook	7th (1999)	1/2003
136 †	Ocean Passages for the World	4th (1987)	
735	Maritime Buoyage System	5th (1994)	

‡ Books in continuous revision (new editions every three years)

† New or revised edition due for publication within one year

\* New Supplement due for publication within three months

**(2) Admiralty List of Lights and Fog Signals**

<i>NP No</i>	<i>Current Edition</i>	<i>Published</i>
83	Volume K, 2004/05	January 2004

**(3) Admiralty List of Lights and Fog Signals (Digital)**

<i>DP No</i>	<i>Current Edition</i>	<i>Published</i>
565	Admiralty Digital List of Lights	August 2003

**(4) Admiralty List of Radio Signals**

<i>NP No</i>	<i>Title</i>	<i>Published</i>
281(2)	Volume 1, 2003/04 – Part 2 – Coast Radio Stations – Oceania, the Americas and the Far East	July 2003
282	Volume 2, 2004/05 – Radio Aids to Navigation, Satellite Navigation Systems, Legal Time, Radio Time Signals and Electronic Position Fixing Systems	March 2004
283(2)	Volume 3, 2004/05 – Part 2 – Maritime Safety Information Services – Oceania, the Americas and the Far East	April 2004
284	Volume 4, 2003/04 – Meteorological Observation Stations	February 2003
285	Volume 5, 2003/04 – Global Maritime Distress and Safety System (GMDSS)	June 2003
286(4)	Volume 6, 2003/04 – Part 4 – Pilot Services, Vessel Traffic Services and Port Operations – Asia and Australasia	September 2003

**(5) Tidal Publications**

<i>NP No</i>	<i>Admiralty Tide Tables (corrected by Annual Notice to Mariners 1/2003)</i>
203-03	Volume 3 Indian Ocean and South China Sea (including Tidal Stream Tables)
203-04	Volume 3 Indian Ocean and South China Sea (including Tidal Stream Tables)
204-03	Volume 4 Pacific Ocean (including Tidal Stream Tables)
204-04	Volume 4 Pacific Ocean (including Tidal Stream Tables)

<i>NP No</i>	<i>Co-Tidal Atlas</i>
215	Edition 1 South East Asia, 1979

UK Hydrographic Office

**347 AUSTRALIA - Agents for the sale of Navigational Products.**

AHS (A81463).

TOWNSVILLE

**The Navigation Centre**  
 Shop 1, 147 Boundary Street  
 Railway Estate 4810

Telephone +61 (0)7 4772 1069  
 Fax +61 (0)7 4772 1069  
 Email thenavcentre@bigpond.com

**C**

**348\* AUSTRALIA - Miscellaneous correction.**

T Sculley (A78876).

**Aus 786 [184/2002]**

*On certain copies only*

Amend legend to 142 ° 29' 38° 13'.7 S 142° 26'.1 E

**349\* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Rodd Point to Mortlake Point - Nav aids.**

*Former Notice - 196(P)/2004 is cancelled*

Waterways Authority (A81901).

**Aus 200 [171/2004]**

Insert north cardinal spar buoy with topmark 33° 52'.036 S 151° 08'.941 E  
 port lateral light beacon, *Fl. R. 3s & Q. Bu (occas)*, without topmark 33° 50'.358 S 151° 06'.651 E

Amend port lateral light beacon, to *Fl. R. 3s & Q. Bu (occas)*, without topmark 33° 50'.13 S 151° 06'.17 E

Substitute north cardinal conical buoy with topmark, for beacon 33° 51'.93 S 151° 08'.73 E

**Aus 200 (inset, Parramatta River)**

Amend port lateral light beacon, to *Fl. R. 3s & Q. Bu (occas)*, without topmark 33° 50'.13 S 151° 06'.17 E

**Aus 203 [171/2004]**

Insert north cardinal spar buoy with topmark 33° 52'.036 S 151° 08'.941 E  
 port lateral light beacon, *Fl. R. 3s & Q. Bu (occas)*, without topmark 33° 50'.358 S 151° 06'.651 E  
 33° 50'.128 S 151° 06'.180 E

Substitute north cardinal conical buoy with topmark, for beacon 33° 51'.93 S 151° 08'.73 E

Delete light beacon 33° 50'.13 S 151° 06'.17 E  
 depth 0<sub>6</sub> m 33° 51'.92 S 151° 08'.72 E  
 depth 0<sub>3</sub> m 33° 52'.02 S 151° 08'.93 E  
 depth 1<sub>6</sub> m 33° 50'.35 S 151° 06'.64 E

**350\* AUSTRALIA - QUEENSLAND - Moreton Bay - Moreton Island - Tangalooma - Light buoy.**

Maritime Safety Queensland Notice 153/2004 (A81102).

**Aus 236 [315/2004]**

Move light buoy 27° 09'.8 S 153° 22'.1 E  
 to 27° 09'.69 S 153° 22'.09 E

351\* AUSTRALIA - QUEENSLAND - Moreton Bay - Rous Channel - Light buoys.  
Maritime Safety Queensland Notices 110/2004 & 143/2004 (A77411 & A78362), AHS (A82064).

**Aus 236** [350/2004]

Insert [accompanying block](#) 27° 23'.5 S 153° 24'.0 E

**352\* AUSTRALIA - QUEENSLAND - Moreton Bay - Raby Bay - Harbour works.**  
AHS (82065).

**Aus 236** [351/2004]

Insert [accompanying block](#) 27° 30'.5 S 153° 17'.0 E

**353\* AUSTRALIA - QUEENSLAND - Leeper Reef - Light buoy.**  
Maritime Safety Queensland (A76365), AHS (77959).

**Aus 249** [94/2004]

Insert yellow cylindrical light buoy, VQ(3) 5s, with east cardinal topmark 21° 22'.87 S 149° 19'.85 E

Delete light buoy 21° 22'.9 S 149° 19'.9 E

**Aus 823** [268/2004]

Insert yellow cylindrical light buoy, VQ(3) 5s, with east cardinal topmark 21° 22'.87 S 149° 19'.85 E

Delete light buoy 21° 22'.9 S 149° 20'.4 E  
depth 2<sub>3</sub> m 21° 23'.0 S 149° 19'.9 E  
depth 7<sub>8</sub> m 21° 22'.5 S 149° 19'.7 E

**354\* AUSTRALIA - QUEENSLAND - Phillips Reef - Depth.**  
SV *Coral Princess II* (A81651), HMAS' *Benalla* & *Shepparton* HI 172 (A81654).

**Aus 827** [272/2004]

Move legend *Phillips Reef*, centred on 18° 59'.1 S 146° 36'.9 E  
to 18° 58'.5 S 146° 36'.0 E

Delete rock which covers and uncovers with enclosing danger circle 18° 59'.1 S 146° 36'.0 E

**AU419146** ENC cell will be amended in the May update release

**355\* AUSTRALIA - QUEENSLAND - Hannibal Islands to Adolphous Islands - Two-way route altered.**  
 AMSA (A82139), AHS (A82140 & A82143).

**Aus292 [322/2004]**

Insert	magenta pecked line between	10° 48'.10 S	142° 49'.50 E
		10° 44'.61 S	142° 41'.01 E
	magenta pecked line between	10° 38'.50 S	142° 34'.51 E
		10° 33'.45 S	142° 26'.50 E
Delete	magenta pecked line between	10° 50'.80 S	142° 49'.16 E
		10° 48'.00 S	142° 48'.50 E
		10° 44'.69 S	142° 41'.09 E
		10° 44'.61 S	142° 41'.01 E
	magenta pecked line between	10° 38'.50 S	142° 34'.51 E
		10° 34'.78 S	142° 29'.35 E
		10° 32'.68 S	142° 25'.57 E
		10° 33'.45 S	142° 26'.50 E

**Aus 293 [322/2004]**

Insert	magenta pecked line between	10° 34'.226 S	142° 27'.735 E
		10° 33'.448 S	142° 26'.503 E
Delete	magenta pecked line between	10° 33'.85 S	142° 34'.80 E
		10° 32'.68 S	142° 25'.52 E
		10° 33'.45 S	142° 26'.50 E

**Aus 375 [68/2004]**

Insert	magenta pecked line between	11° 35'.00 S	142° 58'.67 E
		11° 22'.26 S	143° 00'.54 E
		10° 48'.30 S	142° 49'.99 E
		10° 44'.61 S	142° 41'.01 E
	magenta pecked line between	11° 30'.93 S	142° 57'.15 E
		11° 21'.56 S	142° 58'.69 E
		11° 04'.18 S	142° 52'.31 E
Delete	magenta pecked line between	11° 35'.00 S	142° 58'.67 E
		11° 30'.93 S	142° 57'.15 E
		11° 04'.18 S	142° 52'.31 E
		10° 48'.00 S	142° 48'.50 E
	magenta pecked line between	10° 44'.69 S	142° 41'.09 E
		10° 44'.61 S	142° 41'.01 E

**Aus 376 [NE 6/2/2004]**

Insert	magenta pecked line between	10° 57'.71 S	142° 52'.91 E
		10° 48'.30 S	142° 49'.99 E
		10° 44'.61 S	142° 41'.01 E
	magenta pecked line between	10° 38'.50 S	142° 34'.51 E
		10° 33'.45 S	142° 26'.50 E
Delete	magenta pecked line between	10° 57'.71 S	142° 50'.80 E
		10° 48'.00 S	142° 48'.50 E
		10° 44'.69 S	142° 41'.09 E
		10° 44'.61 S	142° 41'.01 E
	magenta pecked line between	10° 38'.50 S	142° 34'.51 E
		10° 34'.78 S	142° 29'.35 E
		10° 32'.68 S	142° 25'.57 E
		10° 33'.45 S	142° 26'.50 E

**Aus 835 [195/2003]**

Insert	magenta pecked line between	11° 35'.00 S	142° 58'.67 E
		11° 22'.26 S	143° 00'.54 E
		11° 10'.00 S	142° 56'.73 E
	magenta pecked line between	11° 30'.93 S	142° 57'.15 E
		11° 21'.56 S	142° 58'.69 E
		11° 10'.00 S	142° 54'.44 E
Delete	magenta pecked line between	11° 35'.00 S	142° 58'.67 E
		11° 30'.93 S	142° 57'.15 E

**Aus 839 [102/2004]**

Insert	magenta pecked line between	11° 20'.82 S	143° 00'.17 E
		10° 48'.21 S	142° 50'.05 E
		10° 44'.52 S	142° 41'.07 E
	magenta pecked line between	11° 20'.82 S	142° 58'.50 E
		11° 04'.09 S	142° 52'.37 E
	magenta pecked line between	10° 38'.41 S	142° 34'.57 E
		10° 33'.36 S	142° 26'.56 E
Delete	magenta pecked line between	11° 04'.09 S	142° 52'.37 E
		10° 07'.91 S	142° 48'.51 E
		10° 44'.62 S	142° 41'.14 E
		10° 44'.52 S	142° 41'.07 E
	magenta pecked line between	10° 38'.41 S	142° 34'.57 E
		10° 34'.69 S	142° 29'.41 E
		10° 32'.59 S	142° 25'.63 E
		10° 33'.36 S	142° 26'.56 E

**AU412142** ENC cell will be amended in the July update release

**AU412143** ENC cell will be amended in the July update release

**AU499142** ENC cell will be amended in the July update release

**356\* WESTERN AUSTRALIA - Ashmore Reef - Depths.**

HMAS *Leeuwin* HI 351(L) MMI 3-1-21614 (A75996).

**Aus 4721 (INT 721) [277/2004]**

Insert	depth, 179m, enclosed by contour	12° 02'.6 S	123° 16'.0 E
Delete	depth 253m	12° 01'.6 S	123° 11'.5 E

**Aus 4722 (INT 722) [277/2004]**

Insert	depth, 179m, enclosed by contour	12° 02'.6 S	123° 16'.0 E
Delete	depth 253m	12° 01'.6 S	123° 11'.5 E

**357 INDONESIA - Pulau Kisar - Light.**

List of Lights Vol K/2004 - 1373.20

Indonesian Notice 42/311/2003 (A82104).

**Aus 313 [NC 28/11/2003]**

Insert	light, Fl. 4.5s 90m 22M	8° 06'.10 S	127° 13'.65 E
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**Aus 4603 (INT 603) [51/2004]**

Insert	light	8° 06'.1 S	127° 13'.7 E
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**Aus 4721 (INT 721) [356/2004]**

Insert	light, Fl. 22M	8° 06'.1 S	127° 13'.7 E
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**358 INDONESIA - Wetar - Light.**  
List of Lights Vol K/2004 - 1372.50  
Indonesian Notice 45/336/2003 (A82108).

**Aus 4603 (INT 603) [357/2004]**  
Insert light 7° 39'.4 S 126° 48'.5 E

**Aus 4721 (INT 721) [357/2004]**  
Insert light, *Fl. 22M* 7° 39'.4 S 126° 48'.5 E

**359 INDONESIA - Pulau Alor - Tanjung Manamuni - Light.**  
List of Lights Vol K/2004 - 1347.30  
Indonesian Notice 41/305/2003 (A82106).

**Aus 313 [357/2004]**  
Insert light, *Fl. 4.5s 80m 21M* 8° 08'.97 S 125° 05'.83 E

**Aus 4603 (INT 603) [358/2004]**  
Insert light 8° 09'.0 S 125° 05'.8 E

**Aus 4721 (INT 721) [358/2004]**  
Insert light, *Fl. 21M* 8° 09'.0 S 125° 05'.8 E

**Aus 4722 (INT 722) [356/2004]**  
Insert light, *Fl. 21M* 8° 09'.0 S 125° 05'.8 E

**360 INDONESIA - Pulau Alor - Batulolong - Light.**  
List of Lights Vol K/2004 - 1346.50  
Indonesian Notice 42/310/2003 (A82183).

**Aus 321 [104/2004]**  
Insert light, *Fl(2) 16s 80m 21M* 8° 24'.06 S 124° 45'.31 E

**Aus 4603 (INT 603) [359/2004]**  
Insert light 8° 24'.1 S 124° 45'.3 E

**Aus 4721 (INT 721) [359/2004]**  
Insert light, *Fl(2) 21M* 8° 24'.1 S 124° 45'.3 E

**Aus 4722 (INT 722) [359/2004]**  
Insert light, *Fl(2) 21M* 8° 24'.1 S 124° 45'.3 E

**361 INDONESIA - Pulau Kawula - Tanjung Atadei - Light.**  
List of Lights Vol K/2004 - 1342.80  
Indonesian Notice 42/309/2003 (A82107).

**Aus 321 [360/2004]**  
Insert light, *Fl. 7s 90m 22M* 8° 33'.51 S 123° 33'.61 E

**Aus 4603 (INT 603) [360/2004]**  
Insert light 8° 33'.5 S 123° 33'.6 E

**Aus 4721 (INT 721) [360/2004]**  
Insert light, *Fl. 22M* 8° 33'.5 S 123° 33'.6 E

**Aus 4722 (INT 722) [360/2004]**  
Insert light, *Fl. 22M* 8° 33'.5 S 123° 33'.6 E



**362 INDONESIA - Pulau Sawu - Tanjung Lie Geta - Light.**

List of Lights Vol K/2004 - 1352.50

Indonesian Notice 45/335/2003 (A82105).

**Aus 317 [277/2004]**Insert light, *Fl. 7s 115m 26M*

10° 32'.47 S 121° 58'.85 E

**Aus 4603 (INT 603) [361/2004]**

Insert light

10° 32'.5 S 121° 58'.8 E

**Aus 4722 (INT 722) [361/2004]**Insert light, *Fl. 26M*

10° 32'.5 S 121° 58'.8 E

**363 INDONESIA - Pulau Rajua - Light.**

List of Lights Vol K/2004 - 1354.00

Indonesian Notice 44/330/2003 (A82110).

**Aus 317 [362/2004]**Insert light, *Fl(2) 16s 67m 19M*

10° 37'.90 S 121° 31'.90 E

Delete light

10° 38'.3 S 121° 31'.6 E

**Aus 4603 (INT 603) [362/2004]**

Insert light

10° 37'.9 S 121° 31'.9 E

**Aus 4722 (INT 722) [362/2004]**Insert light, *Fl(2) 19M*

10° 37'.9 S 121° 31'.9 E

Delete light

10° 38'.2 S 121° 31'.6 E

**364\* WESTERN AUSTRALIA - Geraldton - Nav aids; pilotage.**

Former Notices - 383(T)/2003 &amp; 812(P)/2003 are cancelled

List of Lights Vol K/2004 - 1742.0, 1742.1

Geraldton Port Authority (A78206, A78293, A81778, A81780, A81781 &amp; A81893).

**Aus 81 [797/2003]**

Insert	starboard lateral pillar light buoy, <i>F(4) G. 10s</i> , with topmark	28° 43'.494 S	114° 35'.384 E
	light beacon, <i>Iso. Bu. 3s &amp; F. Bu</i> , without topmark	28° 43'.844 S	114° 36'.044 E
	light, <i>F. Bu &amp; F. WRG</i>	(a) 28° 44'.583 S	114° 37'.121 E

pecked line emanating from (a), in a direction 307.9° for 3600m, with legend 127.9°

Move	light	28° 44'.79 S	114° 36'.42 E
	to	28° 44'.756 S	114° 36'.539 E
	pilot boarding place	28° 45'.41 S	114° 31'.83 E
	desig A, to	28° 45'.48 S	114° 30'.92 E

Amend	light buoy characteristic, to <i>Iso. 3s</i>	28° 46'.18 S	114° 31'.72 E
	legend, to <i>Dir 071.4°</i>	28° 45'.68 S	114° 33'.38 E

Delete	light	28° 44'.58 S	114° 37'.11 E
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**Aus 332 [517/2001]**

Amend	light, to <i>F. Bu &amp; F. WRG</i>	(a) 28° 44'.6 S	114° 37'.2 E
	legend, to <i>Dir 071.4°</i> , centred on	28° 47'.1 S	114° 28'.0 E

Insert	light beacon, <i>Iso. Bu. 3s &amp; F. Bu</i>	28° 43'.91 S	114° 35'.96 E
	pecked line emanating from (a), in a direction 307.9° for 2M, thence a firm line for 2.5M, with legend 127.9°		
	pilot boarding place, desig B	28° 41'.92 S	114° 31'.98 E

Move	pilot boarding place	28° 45'.5 S	114° 31'.8 E
	desig A, to	28° 45'.55 S	114° 30'.84 E

Delete	depth 29 <sub>4</sub> m	28° 42'.2 S	114° 32'.2 E
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**Aus 333 [798/2003]**

Amend	light, to <i>F. Bu &amp; F. WRG</i>	(a) 28° 44'.6 S	114° 37'.2 E
	legend, to <i>Dir 071.4°</i> , centred on	28° 47'.1 S	114° 28'.0 E

Insert	light beacon, <i>Iso. Bu. 3s &amp; F. Bu</i>	28° 43'.91 S	114° 35'.96 E
	pecked line emanating from (a), in a direction 307.9° for 2M, thence a firm line for 2.5M, with legend 127.9°		
	pilot boarding place, desig B	28° 41'.92 S	114° 31'.98 E

Move	pilot boarding place	28° 45'.5 S	114° 32'.8 E
	desig A, to	28° 45'.55 S	114° 30'.84 E

Delete	depth 29 <sub>4</sub> m	28° 42'.2 S	114° 32'.2 E
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**Aus 751 [341/2003]**

Amend	light, to <i>F. Bu &amp; F. WRG</i>	(a) 28° 44'.64 S	114° 37'.03 E
	light, to <i>Iso. 3s</i>	28° 46'.25 S	114° 31'.62 E
	legend to <i>Dir 071.4°</i>	28° 47'.01 S	114° 28'.66 E
Insert	designated anchor berth, with 0.5M radius swinging circle		
	8	28° 40'.97 S	114° 32'.06 E
	9	28° 40'.01 S	114° 33'.50 E
	10	28° 40'.01 S	114° 32'.36 E
	pilot boarding place, desig <i>B</i>	28° 41'.92 S	114° 31'.98 E
	safe water pillar light buoy, <i>LFl. 10s</i> , with topmark	28° 41'.92 S	114° 33'.12 E
	port lateral pillar light buoy, <i>F(4) R. 10s</i> , with topmark	28° 42'.82 S	114° 34'.43 E
	starboard lateral pillar light buoy, <i>F(4) G. 10s</i> , with topmark	28° 43'.56 S	114° 35'.30 E
	light beacon, <i>Iso. Bu. 3s &amp; F. Bu.</i> , without topmark	28° 43'.91 S	114° 35'.97 E
	pecked line emanating from (a), in a direction 307.9° for 2M, thence a firm line for 2.5M, with legend 127.9°		
Move	anchorage <i>N7</i>	28° 41'.87 S	114° 33'.10 E
	to	28° 40'.97 S	114° 33'.20 E
	pilot boarding place	28° 45'.43 S	114° 31'.73 E
	desig <i>A</i> , to	28° 45'.55 S	114° 30'.84 E
Delete	depth 7 <sub>7</sub> m	28° 42'.7 S	114° 34'.5 E
	depth 29 <sub>4</sub> m	28° 42'.1 S	114° 32'.1 E
	depth 29 <sub>5</sub> m	28° 40'.2 S	114° 32'.2 E
	depth 8 <sub>6</sub> m	28° 44'.1 S	114° 35'.8 E

**365\* WESTERN AUSTRALIA - Geraldton - Dredged channel realigned.**

Former Notice - 813(T)/2003 is cancelled  
Geraldton Port Authority (A81780 & A81781), AHS (A82062).

**Aus 81 [364/2004]**

Insert	<a href="#">accompanying block</a>	28° 45'.5 S	114° 35'.5 E
--------	------------------------------------	-------------	--------------

**Aus 81 (plan, Port of Geraldton)**

Insert	<a href="#">accompanying block</a>	28° 46'.0 S	114° 36'.0 E
--------	------------------------------------	-------------	--------------

**366\* AUSTRALIA - TASMANIA - Randalls Bay - Topography.**

*SV This Way Up* (A81442), AHS (A82061).

**Aus 173 [281/2004]**

Insert	<a href="#">accompanying block</a>	43° 16'.5 S	147° 08'.0 E
--------	------------------------------------	-------------	--------------

**367\* AUSTRALIA - TASMANIA - Hobart - Wreck.**

Hobart Ports Corporation (A78214), 3D Marine Mapping (A82137).

**Aus 172 [328/2004]**

Insert	submerged wreck, depth 12 <sub>1</sub> m (IK 22), between	42° 51'.97 S	147° 20'.81 E
		42° 52'.00 S	147° 20'.75 E
Delete	depth 16m	42° 52'.00 S	147° 20'.71 E
	depth 12 <sub>2</sub> m, enclosing danger circle and legend Wk	42° 51'.98 S	147° 20'.76 E

**368\* AUSTRALIA - TASMANIA - Hobart - Harbour works.**  
Hobart Ports Corporation (A78214), 3D Marine Mapping (A82137).

**Aus 172** [367/2004]

Insert [accompanying block](#)

42° 52'.5 S

147° 20'.1 E

**369\* AUSTRALIA - VICTORIA - Point Lonsdale - Depth.**

Port of Melbourne Corp (A81382).

**Aus 143** [189/2004]

Substitute depth, 8<sub>9</sub> m, for depth 2<sub>9</sub> m and enclosing contour, and extend contour S to enclose

38° 18'.1 S

144° 36'.7 E

Delete depth 12<sub>2</sub> m

38° 18'.0 S

144° 36'.4 E

**Aus 144** [228/2004]

Substitute depth, 8<sub>9</sub> m, for depth 2<sub>9</sub> m

38° 17'.99 S

144° 36'.73 E

**Aus 158** [286/2004]

Substitute depth, 8<sub>9</sub> m, for depth 2<sub>9</sub> m

38° 18'.07 S

144° 36'.68 E

**Aus 350** [193/2004]

Substitute depth, 8<sub>9</sub> m, for depth 2<sub>9</sub> m

38° 18'.0 S

144° 36'.7 E

**Aus 788** [586/2003]

Substitute depth, 8<sub>9</sub> m, for depth 2<sub>9</sub> m and enclosing contour, extend 10m contour S to enclose

38° 18'.0 S

144° 36'.7 E

**370(P)/2004 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Leading lights to be relocated.**

List of Lights Vol K/2004 - 2869.60, 2869.61

Maritime Safety Queensland Notice 172/2004 (A81838).

The front lead (27° 21'.75 S 153° 10'.51 E) will be permanently withdrawn.

The rear lead (27° 21'.61 S 153° 10'.61 E) will become the new front lead.

A new rear lead beacon will be established in position 27° 21'.473 S 153° 10'.708 E.

**Chart which will be affected – Aus 237.**

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

*Date* - Until 8 July 2004

Maritime Safety Queensland Notice 163(T)/2004 (A82440).

Wharf and dolphin repairs are in progress in position 27° 25'.87S 153° 07'.40 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 238.**

372(T)/2004 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; light buoys withdrawn; leading light relit.

*Former Notice* - 336(T)/2004 is cancelled

List of Lights Vol K/2004 - 2908.30

Maritime Safety Queensland Notice 168(T)/2004 (A81668).

Due to shoaling in the entrance to the Mooloolah River, the depth has been declared at 2.2m (LAT.).

Mariners should navigate the entrance with caution and ensure that they have sufficient Under Keel Clearance (UKC).

Light buoys have been withdrawn and the front leading light has been re-established.

**Chart temporarily affected – Aus 235.**

373(T)/2004 AUSTRALIA - QUEENSLAND - Langford Reef - Light beacon restored to normal.

*Former Notice* - 296(T)/2004 is cancelled

List of Lights Vol K/2004 - 3066.81

Maritime Safety Queensland Notice 166/2004 (A81667).

Cancel this notice on receipt.

**Chart formerly affected – Aus 252 – Aus 253 – Aus 254.**

374(T)/2004 AUSTRALIA - QUEENSLAND - Hook Island to Hayman Island - Light beacons restored to normal.

*Former Notice* - 297(T)/2004 is cancelled

List of Lights Vol K/2004 - 3066.88,3067.20

Maritime Safety Queensland Notice 165/2004 (A81666).

Cancel this notice on receipt.

**Chart formerly affected – Aus 252 – Aus 254.**

375(T)/2004 AUSTRALIA - QUEENSLAND - Townsville - Depth information.  
*Former Notice - 245(T)/2004 is cancelled*  
Maritime Safety Queensland Notice 183(T)/2004 (A82886).

Available depths as at 13 April 2004:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.6	
* Platypus Channel	11.7	
Outer Harbour:		
* Arrival Channel	7.9	West of a line from dolphin across end of berth pocket to edge of arrival channel
* Departure Channel	11.4	
Inner Harbour:		
* Harbour	11.6	
Berths:		
No 1	12.2	
No 2	12.9	
No 3	12.3	
No 4	10.6	
* No 7	11.1	
* No 8	10.3	
No 9	12.1	
* No 10	9.6	To seaward dolphin
* No 11	11.0	
* Between No 7 and No 8	9.9	Seaward of zero mark at No 7 berth
Between No 9 and No 10	9.9	Seaward of zero mark at No 10 berth
Ross River Channel	1.6	
Ross River and Ross Creek	-	No declared depth

**Chart temporarily affected – Aus 256 – Aus 257 - AU420146 - AU5\_\_257.**

376(T)/2004 AUSTRALIA - QUEENSLAND - Cairns - Scientific instruments recovered.  
*Former Notice - 348(T)/2003 is cancelled*  
Maritime Safety Queensland Notice 141(T)/2004 (A78280).

Cancel this notice on receipt.

**Chart formerly affected – Aus 262 – Aus 263 – Aus 264.**

377(T)/2004 AUSTRALIA - QUEENSLAND - Dawson Reef - Light unlit.  
List of Lights Vol K/2004 - 3207.5  
Maritime Safety Queensland Notice 177(T)/2004 (A82205).

The light (15° 30'.0 S 145° 19'.5 E) is unlit.

**Chart temporarily affected – Aus 831 - AU416145.**

378(T)/2004 AUSTRALIA - NORTHERN TERRITORY - Cape Cockburn to Croker Island - Tide gauges recovered.  
*Former Notice - 303(T)/2004 is cancelled*  
HMAS' *Shepparton & Benalla* (A77181 to A77184).

Cancel this notice on receipt.

**Chart formerly affected – Aus 308 – Aus 720 – AX 70308.**

379(T)/2004 AUSTRALIA - NORTHERN TERRITORY - Darwin - Cullen Bay - Shoaling.  
Darwin Port Corp (A82438 & A82439).

Shoaling, least depth *0.4m*, exists in position 12° 27'.10 S 130° 49'.07 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 26 – Aus 28.**

380(T)/2004 AUSTRALIA - NORTHERN TERRITORY - Darwin - Tide gauge recovered.  
*Former Notice* - 304(T)/2004 is cancelled  
HMAS *Benalla* (A77820).

Cancel this notice on receipt.

**Chart formerly affected – Aus 26 – Aus 28.**

381(T)/2004 WESTERN AUSTRALIA - Glomar Shoal - Mooring buoy northwards.  
*Date* - Until 31 May 2005  
AMSA (A82909 & A82910).

A mooring buoy exists in position 19° 16'.14 S 116° 35'.20 E.

**Chart temporarily affected – Aus 327 – Aus 415.**

382(T)/2004 WESTERN AUSTRALIA - Fremantle - Scientific instruments recovered.  
*Former Notices* – 384(T)/2003 & 159(T)/2004 are cancelled  
Fremantle Port Authority (A82219 & A82221).

Cancel this notice on receipt.

**Chart formerly affected – Aus 112 – Aus 754.**

383(T)/2004 SOUTH AUSTRALIA - Port Giles - Dredging.  
*Date* - Until 31 August 2004  
Transport SA Notice 13/2004 (A82220).

Dredging operations are being carried out adjacent to the Port Giles jetty (35° 01'.30 S 137° 46'.05 E).

The dredge is operating using moorings to the jetty and anchors; displaying appropriate lights and shapes.

A floating pipeline will pump the dredged material ashore.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 139.**

384(T)/2004 SOUTH AUSTRALIA - Port Vincent - Yachting buoys withdrawn.  
*Former Notice* - 780(T)/2003 is cancelled  
Transport SA Notice 50/2003 (A76657).

Cancel this notice on receipt.

**Chart formerly affected – Aus 780 – Aus 781.**

385(T)/2004 SOUTH AUSTRALIA - Port Adelaide - Dredging completed.  
*Former Notice* - 163(T)/2004 is cancelled  
Flinders Ports (A82883).

Cancel this notice on receipt.

**Chart formerly affected – Aus 137.**

386(T)/2004 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Depth information.  
*Former Notice* - 165(T)/2004 is cancelled  
Victorian Notice 29(T)/2004 (A81839).

Available depths as at 5 April 2004:

<i>Berth</i>	<i>Metres</i>
Bulk Grain Pier 1	9.5
Bulk Grain Pier 2	11.3
* Corio Quay North 1 & 2	10.7
* Corio Quay South 1	10.7
Point Wilson Jetty North	8.6

\*Indicates new or revised entry.

**Chart temporarily affected – Aus 157.**

387(T)/2004 AUSTRALIA - VICTORIA - Port Phillip - Yarra River - Dredging operations; light buoy.  
*Date* - Until 15 May 2004  
Victorian Notices 28(T)/2004 (A81405).

Dredge *Storken*, tended by hopper barges *WH Adventure* and *WH Discovery*, is conducting dredging operations at berths and within channels throughout the Port of Melbourne.

All spoil will be dumped at the Port of Melbourne spoil ground; marked by a special light buoy, *Fl(4) Y. 10s*, in position 38° 00'.59 S 144° 52'.81 E (WGS84).

Information can be obtained from Harbour Control on 9644 9700 or VHF Ch 12, and from all vessels on VHF Ch 12 or by mobile phone as follows:

*Storken* 0400 737 140  
*WH Adventure* 0438 123 284  
*WH Discovery* 0438 108 318

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 143 – Aus 154 – Aus 155.**

388(P)/2004 AUSTRALIA - BASS STRAIT - Submarine cable.  
*Date* - On or about 7 July 2004  
Pirelli (A81620).

Cable ship *Giulio Verne*, will be laying a submarine cable between the following positions (WGS 84):

38° 27'.11 S 147° 05'.66 E  
38° 27'.52 S 147° 06'.22 E  
38° 27'.79 S 147° 06'.29 E  
38° 28'.17 S 147° 05'.95 E  
38° 30'.98 S 147° 04'.75 E  
38° 31'.52 S 147° 04'.32 E  
38° 34'.19 S 147° 04'.34 E  
38° 36'.69 S 147° 03'.63 E  
38° 47'.90 S 147° 00'.78 E  
38° 52'.18 S 146° 59'.74 E  
39° 11'.58 S 146° 54'.72 E  
39° 18'.62 S 146° 54'.44 E

Two further cable laying operations will take place, with completion to the Tasmanian coast due in August 2005. Further notices will be issued.

**Chart which will be affected – Aus 148 – Aus 357 – Aus 357A – Aus 422 – Aus 445A – Aus 802.**



II

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

Edition No 9 dated 30 April 2004.

Last Amendment: Edition No 8 dated 16 April 2004

1182	Remove from List							
1182-1	Remove from List							
1183	Remove from List							
1265	-	7 55-7 110 06-3	Fl W 5s	32	12	White beacon		*
1555-8	Tanjung Kasolamatumbi	5 16-7 123 13-5	Fl W 10s	45	23	White concrete structure 30	fl 0-1. TE 2004	*
3139	Meaburn Rock	17 34-2 146 09-8	Q(6)+LFl W 15s	...	7	▽ on black buoy, yellow top 8	(fl 0-5, ec 0-5) x 6, fl 2, ec 7	
*	*	*	*	*	*	*		*
3238	Wye Reef (COM)	12 48-4 143 36-5	Fl(3) W 15s	7	10	White GRP hut on white concrete column 6	(fl 1, ec 2) x 2, fl 1, ec 8. Ra refl (P) 2004	*
3265-2	- Prince of Wales Channel. Nardana Patches	10 30-3 142 14-6	Fl(4) R 12s	5	7	White hut on white pile 8	(fl 0-5, ec 1-5) x 3, fl 0-5, ec 5-5. R250°-086°(196°), Obscured 086°-250°(164°). Helicopter platform. (P)May 2004. Fl(4) R 12s light buoy in situ (T) until May 2004	*
3266-2	-- Mecca Reef	10 32-3 142 10-1	Q W	...	7	△ on yellow buoy, black top 8		*
*	*	*	*	*	*	*		*
3307-2	- Burley Shoal	13 53-0 136 21-2	Q(6) + LFl W 15s	...	7	▽ on black buoy, yellow top 8	(fl 0-5, ec 0-5) x 6, fl 2, ec 7	
*	*	*	*	*	*	*		*
3404-5	Nesup Channel	5 53-2 148 08-7	Q R	...	...	Buoy 8		*
*	*	*	*	*	*	*		*
3627-6	-- Nutgrove Beach. Ldg Lt 174°. Front	42 54-6 147 21-0	F Bu	7	7	Column	Vis 084°-264°(180°). Rear mark unlit green ▽ on Tasman Bridge	
	---	...	By day F Y					*
3708-93	-- Ashbys. N	35 19-12 174 07-2	F G (vert)	3	1	Metal pile 3		*
*	*	*	*	*	*	*		*
3708-95	--- S	35 19-12 174 07-1	F G (vert)	3	1	Metal pile 3		*
*	*	*	*	*	*	*		*
4672	- SUVA HARBOUR. N side. Ldg Lts 010°15'. Front	18 06-4 178 24-4	Q Bu	40	14	Red square tower, white stripe	Vis 320°-038°(78°). Liable to be obscured by smoke	*
4672-1	---- Rear. 0-65M from Front	18 05-8 178 24-6	Iso Bu 4s	103	19	Red square tower, white stripe	Vis 325°-055°(90°). Liable to be obscured by smoke	*

II

Volume K *continued*

4834	- Île du Lifou. <b>Cap des Pins</b>	21 03-4 167 27-5	Fl(2+1) W 15s	90	15	White pylon, black top 30	<i>fl 0-1, ec 2-5, (fl 0-1, ec 6-1) x 2</i>
							*
5020-1	--- Rear. 150m from front	23 21-1 149 30-1	Iso G 4s	10	6	White beacon, red bands 10	Synchronized with front
							*

### III

#### NAVIGATION WARNINGS

The following radio messages have been received during the period to 16 April 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

- 097 Cancelled.
- 098 NE Coast. Dawson Reef light K3207.5 (15° 30'.2 S 145° 19'.3 E) unlit.
- 099 Cancelled.
- 100 Cancelled.
- 101 NW Coast. Drill rig *Sedco 703* in position 20° 42'.4 S 114° 59'.0 E. 2.5M clearance requested.
- 102 Cancelled.
- 103 NW Coast. Seismic survey vessel *Veritas Viking II* towing 4M cable in area 19° 30'S to 20° 20'S and 114° 00'E 115° 00'E.
- 104 NW Coast. Drill rig *Ensco 56* in position 20° 38'.8 S 115° 36'.3 E. 2.5M clearance requested.

#### NAVAREA X WARNINGS

Nil issued.

#### Navigational warnings in force as at 150001UTC APR 04.

##### Auscoast

2003 303.

2004 060 072 077 080 085 093 098 101 103 104.

##### Navarea X

2003 045.

2004 001

#### Summary of mobile drilling rigs as at 150001UTC APR 04.

Name	Position
Ensco 104	11° 04'.2 S 126° 36'.8 E
Ocean Epoch	19° 18'.6 S 116° 33'.7 E
Ensco 56	20° 38'.8 S 115° 36'.3 E
Sedco 703	20° 42'.4 S 114° 59'.0 E
Atwood Eagle	21° 16'.8 S 113° 22'.4 E
Yolla A	39° 50'.8 S 145° 49'.0 E

#### NAVAREA XIV WARNINGS

- 017 Cancelled.
- 018 Cancelled.
- 019 Cancelled.
- 020 Cancelled.
- 021 New Zealand. S Coast. Seismic survey vessel *Polar Duke* towing 6000m cable in area bounded by 47° 08'S 168° 50'E, 47° 08'S 170° 00'E, 48° 16'S 170° 30'E, 48° 17'S 169° 00'E, 47° 50'S 167° 55'E.

#### Navarea XIV warnings in force as at 150001UTC APR 04.

2003 113.

2004 016 021.

**IV**

**HYDROGRAPHIC REPORTS**

**NIL REPORTS**

# AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2004

Edition No 9 dated 30 April 2004

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## VOLUME 2, NP 282, 2004/05

Published BA Wk 10/04

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*(Last Amendments: Edition No 8 dated 16 April 2004)*

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**SOME COPIES OF THIS VOLUME HAVE BEEN PRINTED WITH PAGES 9 TO 40 OMITTED AND PAGES 41 TO 72 DUPLICATED. IF THIS AFFECTS YOUR COPY PLEASE RETURN TO THE SUPPLIER FOR A REPLACEMENT.**

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## RADAR BEACONS

Page 64, **EGYPT (Red Sea Coast)** section, insert:

**East Zeit Oil Field, Platform C Racon**                      27°51'·36N 33°42'·63E **74425**  
**0**

Egyptian PLA Notice 2/04 Ad14/04

Page 72, **INDIA** section

**79040 New Mangalore, Fairway Lt Buoy**

Delete station

Indian Notice 6/120/04 Ad15/04

Page 80, **CHINA** section, insert:

**Beijishan Liedao Lt Racon**                      27°37'·51N 121°12'·28E **81626**  
**X**

Chinese Notice 5/103/04 Ad15/04

Page 110, **CHILE** section

**92220 Islotes Jorge Lt Bn**

Delete morse ident **0** and replace by: **T**

NAVAREA XV NR 72 Notice 11/04 Ad14/04

Page 121, **UNITED STATES (Atlantic Coast)** section

**96700 Saint Simons, Lt Buoy STS**

Delete position 31°03'·28N 81°15'·13W and replace by: 31°02'·82N 81°14'·42W

US Notice 14/11502/04 Ad15/04

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V

**VOLUME 3, PART 2, NP 283(2), 2003/04**

Published BA Wk 29/03

*(Last Amendments: Edition No 8 dated 16 April 2004)*

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

**VOLUME 3, PART 2, NP 283(2), 2004/05**

Published BA Wk 14/04

*Notices accrued while this volume was in the press, from BA Week 3/04 to Week 13/04, 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 BA 14/04. The first Weekly Notice to Mariners was issued in week BA 14/04 and included Notices that accrued while this Volume was in the press from week BA 3/04 to week BA 13/04.**

UKHO Ad14/04

**RADIO-FACSIMILE**

Pages 60 and 61, **KODIAK (U.S. COAST GUARD)**, delete station and replace by:

<b>KODIAK (U.S. COAST GUARD)</b>				
	2054			0950-1159 1600-1748
	4298			H24
	8459			
	124125			0400-0548 2150-0018
NOTES: (1) Broadcasts may be made on all listed frequencies simultaneously when resources are available (2) Carrier frequency is 1.9 kHz below the assigned frequency				
DIAGRAMS: pages 44 and 62				

**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)	
	96 hour 500 hPa Analysis	0018(12)	
	Test Pattern	0400	1600
2	Surface Analysis	0403(00)	1603(12)
3	24 hour Surface Forecast	0427(12)	1627(00)
1	48 hour Surface Forecast	0437(12)	1637(00)
	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)	1706(12)
1	500 hPa Analysis	0517(00)	1717(12)
	Symbols and Contractions / Schedule	0527	1727
	Request for comments / Product Notice	0548	1748
	Test Pattern	0950	2150
2	Surface Analysis	0953(06)	2153(18)
3	24 hour Wind / Wave Forecast	1017(00)	2217(12)
	24 hour Surface Forecast	1027(00)	2227(12)
1	48 hour Surface Forecast	1037(00)	2237(12)
	48 hour Wind / Wave Forecast	1047(00)	2247(12)
6	5 day Sea Ice Forecast / Sea Ice Analysis	1057 (Latest)	2257 (Latest)
5	GOES Infra-red Satellite Image	1117(00)	2317(12)
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)

120/576

US National Weather Service Ad14/04

Pages 74 and 75, **VMW AUSTRALIA WEATHER WEST (WILUNA)**, delete **Map Areas** and **Schedule** and replace by:

Map Areas

A	(a) 30°N.120°E 30°N.180° 35°S.120°E 35°S.180°	B	(a) 30°N.70°E 30°N.130°E 35°S.70°E 35°S.130°E	C	(a) 30°N.70°E 30°N.180° 35°S.70°E 35°S.180°	ASIAN	(a) 40°N.70°E 40°N.180° 40°S.70°E 40°S.180°
E	(a) 40°N.25°E 40°N.180° 55°S.25°E 55°S.180°	H	(a) 25°N.70°E 25°N.180° 25°S.70°E 25°S.180°	AUST	(b) 0°.88°E 0°.173°E 50°S.66°E 50°S.162°W	RSW	(a) 0°.100°E 0°.180° 50°S.100°E 50°S.180°
MSL	(c) 10°S-90°S 0° east to 180°	SWP	(c) 40°S.6°W-6°S.154°E 8°S.78°W-7°N.160°W	SH	(c) 20°S-90°S All longitudes	SEAUST	(a) 31°S.148°E 31°S.156°E 40°S.148°E 40°S.156°E
SWAUST	(a) 25°S.110°E 25°S.120°E 37°S.110°E 37°S.120°E	CASEY	(a) 50°S.80°E 50°S.160°E 70°S.80°E 70°S.160°E	WW	(a) 0°.88°E 0°.173°E 53°S.88°E 35°S.173°E	IOSST	(a) 20°N.30°E 20°N.150°E 50°S.30°E 50°S.150°E
IO	(c) 12°N.50°E 12°N.130°E 20°S.0° 20°S.180°	PSST	(a) 20°N.140°E 20°N.100°W 50°S.140°E 50°S.100°W				

V

Schedule

AUST	36 hour MSL Pressure Prognosis		1200(12)
	VMC / VMW Schedule (2 parts)	0015	1215
	Information Notice	0045	
MSL	Indian Ocean 36 hour MSL Pressure Prognosis		1245(12)
	IPS recommended frequencies for VMC (Charleville)	0100	
E	Australian Significant Weather Prognosis		1300(06)
SWP	South Pacific Ocean 48 hour Total Waves		1315(00)
	IPS recommended frequencies for VMW (Wiluna)	0130	
IO	Indian Ocean 48 hour Total Waves		1330(00)
PSST	Pacific Ocean Sea Surface Temperature (Weekly)		1345
AUST	24 hour MSL Pressure Prognosis	0200(00)	
IO	Indian Ocean Sea Surface Temperature (Weekly)		1400
RSW	Australian Significant Weather Prognosis	0215(18)	
H	Asian Current Warnings Summary	0230	
CASEY	48 hour wave / wind forecast (2 parts)		1415(00)
AUST	MSL Pressure Analysis	0245(00)	1430(12)
H	Asian Current Warnings Summary		1445
AUST	500 hPa Analysis	0300(00)	1500(12)
	36 hour MSL Pressure Prognosis		1515(12)
	Voice Broadcast Information for VMW (Wiluna)	0315	
E	Asian Significant Weather Prognosis	0330(12)	1530(00)
AUST	24 hour 500 hPa Prognosis	0400(00)	1600(12)
SEAUST	SE Australia Sea Surface Isotherms (Weekly)	0430	
	SE Australia 250m Isotherms (Weekly)	0445	
SWAUST	SW Australia Sea Surface Isotherms (Weekly)	0500	
	IPS recommended frequencies for VMC (Charleville)		1630
	IPS recommended frequencies for VMW (Wiluna)		1700
A	Asian Gradient Level Wind Analysis Part A	0600(00)	1800(12)
B	Asian Gradient Level Wind Analysis Part B	0623(00)	1823(12)
C	Asian MSL Pressure Analysis	0645(00)	
RSW	Australian Significant Weather Prognosis	0715(00)	1900(12)
IO	Indian Ocean MSL Pressure Analysis	0730(00)	1915(12)
WW	Australian 24 hour Wind / Wave Ht(m) Prognosis	0745(00)	1930(12)
	Australian 24 hour Swell / Wave Ht(m) Prognosis	0800(00)	1945(12)
SWP	South Pacific Ocean MSL Pressure Analysis		2000(12)
H	Asian Current Warnings Summary	0815	
CASEY	24 hour wave / wind forecast (2 parts)		2015(12)
SWP	South Pacific Ocean MSL Pressure Analysis	0830(00)	
AUST	MSL Pressure Analysis	0845(06)	2030(18)
H	Asian Current Warnings Summary		2045
ASIAN	Asian 200 hPa Streamline Analysis	0903(00)	2100(12)
	Asian 500 hPa Streamline Analysis	0923(00)	2120(12)
	Asian 700 hPa Streamline Analysis	0941(00)	2140(12)
E	Asian Significant Weather Prognosis	1000(18)	2200(06)
CASEY	24 hour wave / wind forecast (2 parts)	1015(00)	
	36 hour wave / wind forecast (2 parts)		2215(12)
SH	Southern Hemisphere 48 hour 500 hPa Prognosis	1030(00)	2230(12)
	Southern Hemisphere 48 hour MSL Pressure Prognosis	1045(00)	2245(12)
CASEY	36 hour wave / wind forecast (2 parts)	1100(00)	
SH	Southern Hemisphere 500 hPa Analysis	1115(00)	2300(12)
CASEY	48 hour wave / wind forecast (2 parts)		2315(12)
AUST	36 hour MSL Pressure Prognosis		2330(00)
ASIAN	Asian Sea Surface Temperature Analysis (Weekly)	1130	
MSL	Indian Ocean 48 hour MSL Pressure Prognosis		2345(12)
	Information Notice	1145	

120/576



Page 76, delete diagram **VMC Australia Weather East, VMW Australia Weather West, Index of Map Areas - 1**, and replace by diagram on page 25

Bureau of Meteorology Ad15/04

Page 77, delete diagram **VMC Australia Weather East, VMW Australia Weather West, Index of Map Areas - 2**, and replace by diagram on page 26

Bureau of Meteorology Ad15/04

## RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 85, **AUSTRALIA**, insert station:

<b>BROOME (BUREAU OF METEOROLOGY OFFICE)</b>				
	Ch 72	VHF		
NOTE: After prior announcement on VHF Ch 16				
DIAGRAM: page 97				
<b>Weather Bulletins</b>				
0740 1710 WST	Local coastal waters forecasts, warnings and observations			

Bureau of Meteorology Ad14/04

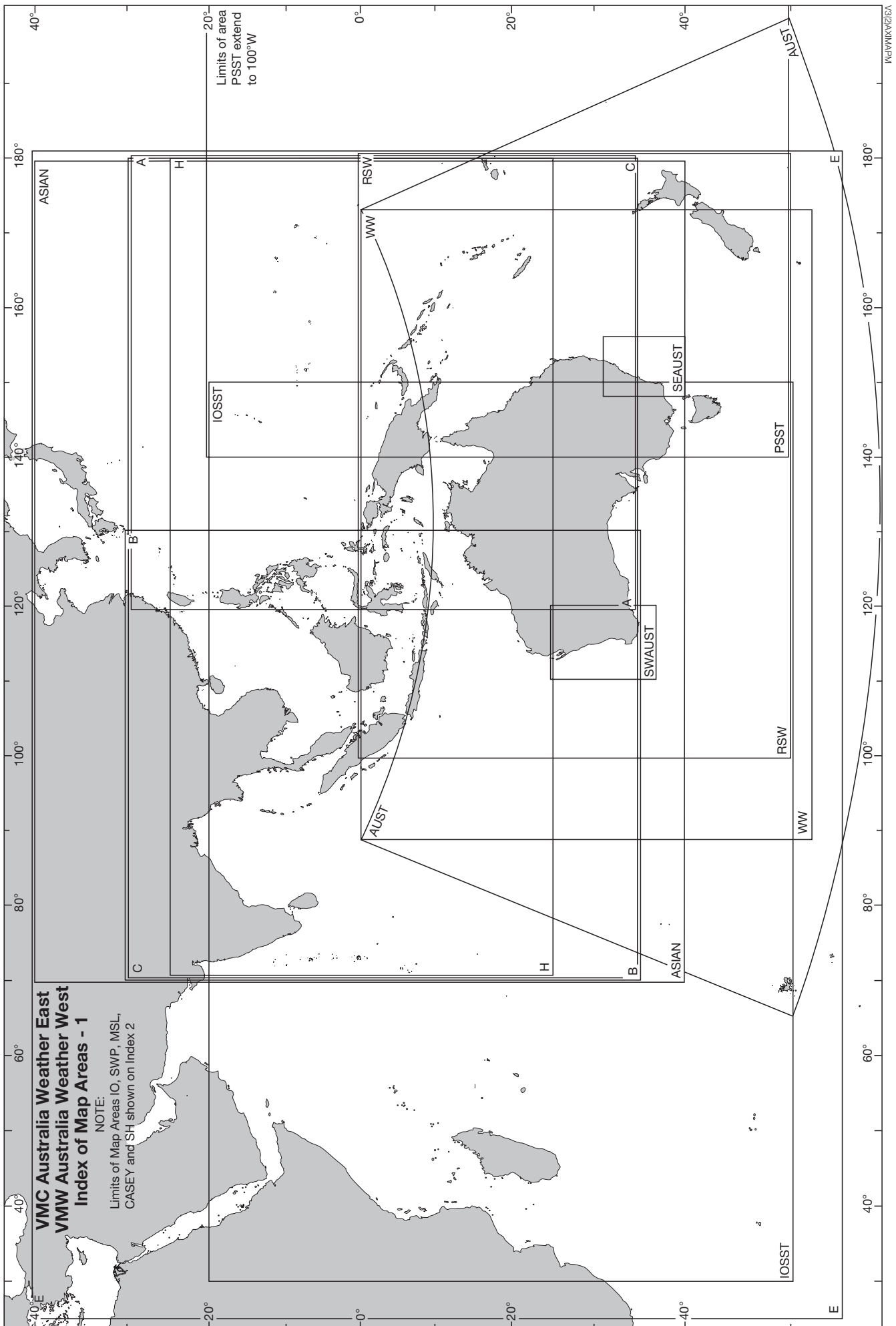
Page 89, insert stations:

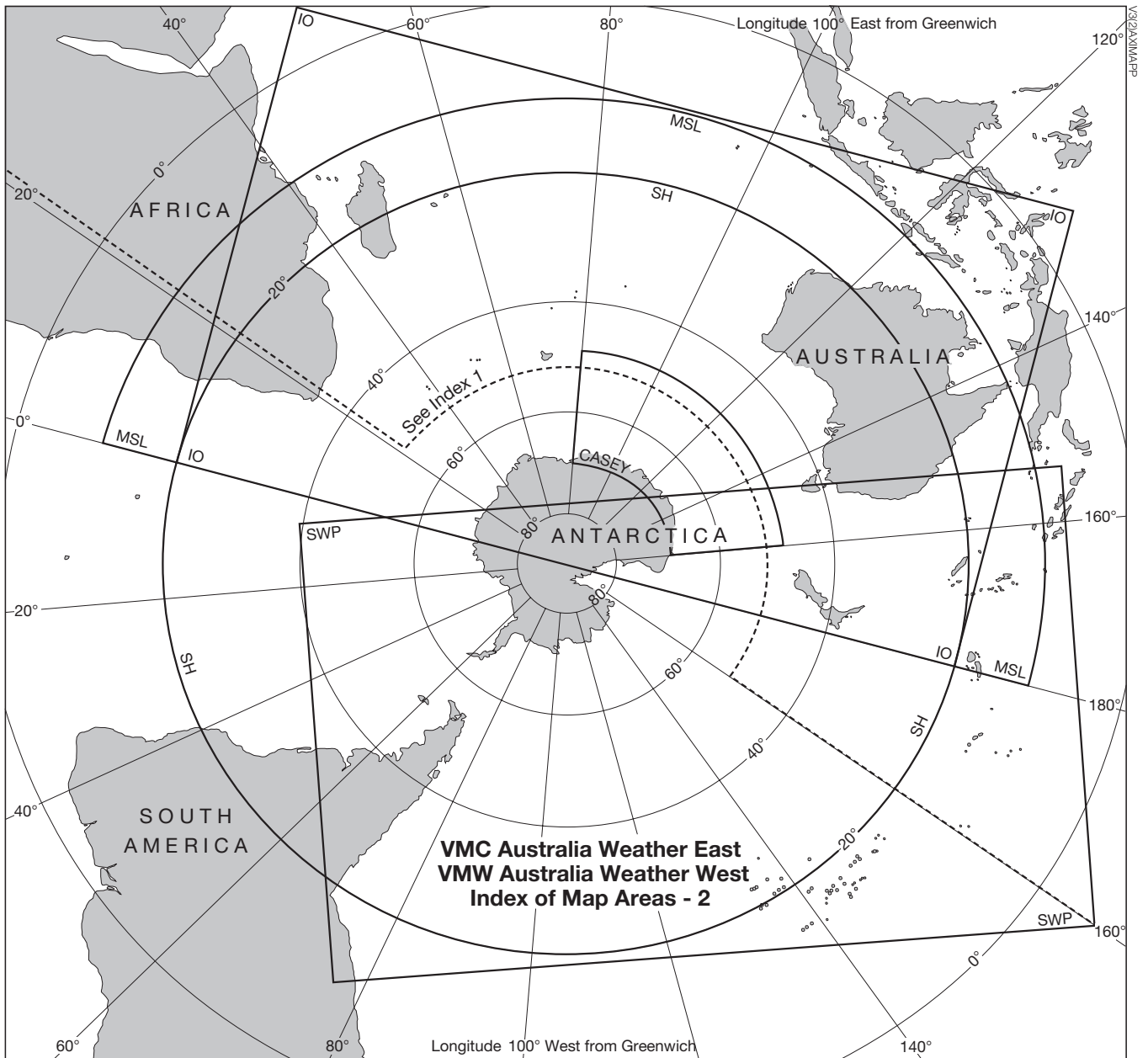
<b>CARNARVON (BUREAU OF METEOROLOGY OFFICE)</b>				
	Ch 73	VHF		
NOTE: After prior announcement on VHF Ch 16				
DIAGRAM: page 97				
<b>Weather Bulletins</b>				
0545 0745 1215 1615 WST	Local coastal waters forecasts, warnings and observations			

<b>ESPERANCE (BUREAU OF METEOROLOGY OFFICE)</b>				
	Ch 72	VHF		
NOTE: After prior announcement on VHF Ch 16				
DIAGRAM: page 97				
<b>Weather Bulletins</b>				
0635 1235 1635 (WST)	Local coastal waters forecasts, warnings and observations			

<b>GERALDTON (BUREAU OF METEOROLOGY OFFICE)</b>				
	Ch 73	VHF		
NOTE: After prior announcement on VHF Ch 16				
DIAGRAM: page 97				
<b>Weather Bulletins</b>				
0615 0815 1215 1715 WST	Local coastal waters forecasts, warnings and observations			

Bureau Meteorology Ad14/04





Page 107, **BRAZIL, RIO DE JANEIRO NAVAL (PWZ 33)**, delete station and replace by:

RIO DE JANEIRO NAVAL (PWZ-33)			
<b>A</b>	4266 <sup>1</sup>	RADIO -DATA (J2D)	FACTOR-FEC
	6448		
	8580		
	12709		
	16974		
<b>B</b>	4266 <sup>1</sup>	RADIO -TELEX (F1B)	ASCII
	6448		
	8580		
	12709		
	16974		
(1) On request			
DIAGRAMS: pages 5 and 22			

Weather Bulletins	
<b>A:</b> 0230 <b>B:</b> 0600 1845	Weather bulletins
Navigational Warnings	
<b>A:</b> 1430 <b>B:</b> 0400 2130	NAVAREA V warnings in Portuguese and English Coastal warnings in Portuguese and English Local warnings in Portuguese

Marine Meteorological Service, Brazil Ad14/04

(Continued on next page)

AASIAAT					
A	2116	RT (MF)	Kook Island (Nuuk)	64°04'N 52°01'W	
	2400		Maniitsoq	65°24'N 52°52'W	
	2304		Qeqertarsuaq	69°14'N 53°31'W	
	3125		Sisimiut	66°55'N 53°40'W	
B	3276		Upernavik	72°47'N 56°10'W	
	3280		Uummannaq	70°47'N 52°07'W	
A	6522 (Ch 608)		RT (HF)	Aasiaat	68°41'N 52°50'W
	4381 (Ch 409)			Qeqertarsuaq	69°14'N 53°31'W
C	Ch 27	VHF	Aasiaat	68°41'N 52°50'W	
	Ch 28		Attup Uummannaq	67°58'N 53°47'W	
	Ch 25		Ilulissat	69°13'N 51°07'W	
	Ch 24		Kangaamiut	65°50'N 53°21'W	
	Ch 28		Kangaarsuk	62°59'N 50°32'W	
	Ch 26		Kook Island (Nuuk)	64°04'N 52°01'W	
	Ch 25		Maniitsoq	65°24'N 52°52'W	
	Ch 02		Niaqornaq	70°26'N 54°00'W	
	Ch 24		Pingo	69°47'N 52°03'W	
	Ch 04		Qaarsorsuaq	72°47'N 56°05'W	
	Ch 26		Qaqatoq	66°38'N 52°50'W	
	Ch 03 04		Qingaaq	64°23'N 51°07'W	
	Ch 01		Sisimiut	66°55'N 53°40'W	
	Ch 60		Tinumanersuaq	74°07'N 57°13'W	
	Ch 63		Upernivup Qaqqaa	71°11'N 52°57'W	
	Ch 03		Uummannaq	70°47'N 52°07'W	
Ch 23	Uunartuarsuup Qaqqaa	69°14'N 53°31'W			
DIAGRAMS: pages 153, 154 and 155					

Weather Bulletins	
<b>A-C:</b> On receipt 0805 1305 1805 2305 <sup>1</sup>	Storm and gale warnings for Areas 7-14 in English, Greenlandic and Danish <sup>2</sup>
<b>A-C:</b> On request	18 hour forecast for Areas 7-14 in English, Greenlandic and Danish
Navigational Warnings	
<b>A:</b> On receipt 0235 0535 0835 1135 1435 1735 2035 2335 After Traffic Lists for the following 48 hours	Navigational warnings for Area 6 in English and Danish
<b>A-C:</b> On request	Ice reports in English, Greenlandic and Danish
NOTES: (1) Broadcasts given 1 hour earlier when DST is in force (see ALRS 2 for details). (2) Scheduled warnings will be announced on 2182 kHz and Ch 16, other warnings will be announced on DSC, then 2182 kHz and Ch 16 then read on the working frequencies. Repeated after the silence period more than half an hour from the first transmission.	

V

AMMASSALIK, delete station and replace by:

AMMASSALIK				
A	2250	RT (MF)	Ammassalik	65°36'N 37°38'W
	3250			
	4381 (Ch 409)	RT (HF)		
B	Ch 27	VHF	Kap Tycho Brahe	65°39'N 38°12'W
	Ch 25		Pingels Fjeld	65°44'N 37°03'W
	Ch 26		Sermiligaaq	65°54'N 36°22'W
DIAGRAMS: pages 153, 154 and 155				
<b>Weather Bulletins</b>				
A, B: On receipt 0805 1305 1805 2305 <sup>1</sup>	Storm and gale warnings for Areas 1-5 in English, Greenlandic and Danish <sup>2</sup>			
A, B: On request	18 hour forecast for Areas 1-5 in English, Greenlandic and Danish			
<b>Navigational Warnings</b>				
A: On receipt 0120 0420 0720 1020 1320 1620 1920 2220 After Traffic Lists for the following 48 hours	Navigational warnings for Areas 1 and 2 in English and Danish			
A, B: On request	Ice reports in English, Greenlandic and Danish			
NOTES (1) Broadcasts given 1 hour earlier when DST is in force (see ALRS 2 for details). (2) Scheduled warnings will be announced on 2182 kHz and Ch 16, other warnings will be announced on DSC, then 2182 kHz and Ch 16 then read on the working frequencies. Repeated after the silence period more than half an hour from the first transmission.				

TELE Greenland Ad14/04

Page 152, QAQORTOQ, delete station and replace by:

QAQORTOQ				
A	2265	RT (MF)	Ikerasassuaq	60°04'N 43°10'W
	2225		Paamiut	62°00'N 49°43'W
	2129		Simiutaq	60°41'N 46°36'W
B	Ch 27	VHF	Arsuutaa	61°08'N 48°22'W
	Ch 01		Ikerasassuaq	60°04'N 43°10'W
	Ch 04		Nanortalik	60°08'N 45°13'W
	Ch 24		Narsaq	60°53'N 46°02'W
	Ch 23		Narsarsuaq	61°09'N 45°26'W
	Ch 23		Paamiut	62°00'N 49°43'W
	Ch 02 25		Qaqortoq	60°44'N 46°02'W
	Ch 28		Sermersooq	60°13'N 45°22'W
	Ch 26		Simiutaq	60°41'N 46°36'W
	Ch 03		Top 775	60°00'N 44°34'W
DIAGRAMS: pages 153, 154 and 155				
<b>Weather Bulletins</b>				
A, B: On receipt 0805 1305 1805 2305 <sup>1</sup>	Storm and gale warnings for Areas 5-10 in English, Greenlandic and Danish <sup>2</sup>			
A, B: On request	18 hour forecast for Areas 5-10 in English, Greenlandic and Danish			
<b>Navigational Warnings</b>				
B: On receipt 0035 0335 0635 0935 1235 1535 1835 2135 After Traffic Lists for the following 48 hours	Navigational warnings for Areas 3 and 4 in English and Danish			
A, B: On request	Ice reports in English, Greenlandic and Danish			
NOTES: (1) Broadcasts given 1 hour earlier when DST is in force (see ALRS 2 for details). (2) Scheduled warnings will be announced on 2182 kHz and Ch 16, other warnings will be announced on DSC, then 2182 kHz and Ch 16 then read on the working frequencies. Repeated after the silence period more than half an hour from the first transmission.				

TELE Greenland Ad14/04

V

Page 155, delete diagram Greenland – Coast Radio Stations, MSI BROADCASTS, and replace by diagram on page 31

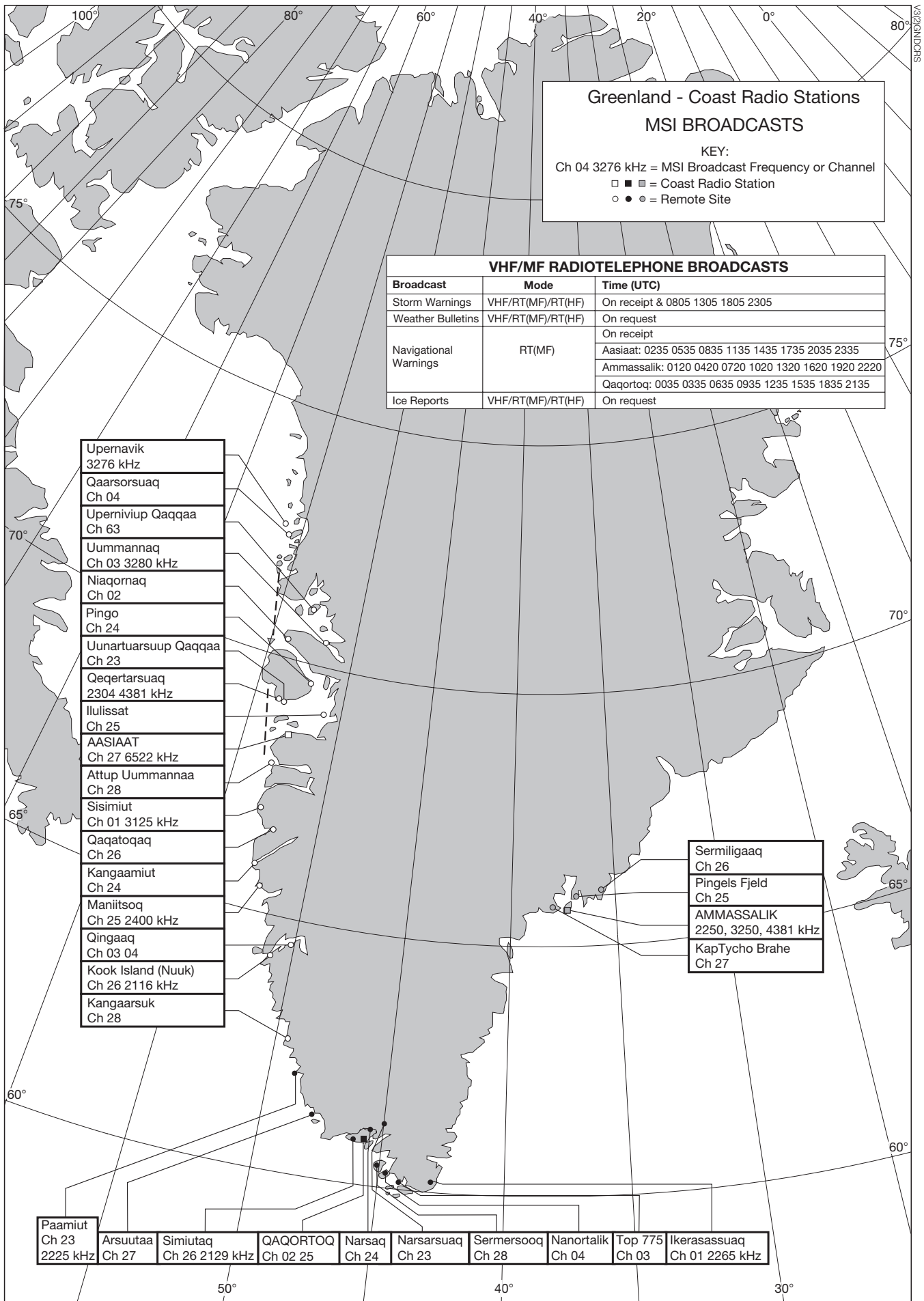
TELE Greenland Ad14/04

Pages 179 to 181, **NEW ZEALAND, TAUPO MARITIME RADIO** delete station and replace by:

TAUPO MARITIME RADIO				
<b>A</b>	2207	RT (MF)		
<b>B</b>	4146	RT (HF)		38°52'S 176°26'E
<b>C</b>	6224			
<b>D</b>	8297			
<b>E</b>	12356			
<b>F</b>	16531			
<b>G</b>	Ch 68		VHF	
	Ch 71	Auckland		36°56'S 174°35'E
	Ch 68	Bluff		46°06'S 168°38'E
	Ch 71	Cape Egmont		39°18'S 173°59'E
	Ch 68	Cape Reinga		34°28'S 172°46'E
	Ch 71	Chalmers		45°49'S 170°33'E
	Ch 67	D'Urville		40°51'S 173°52'E
	Ch 68	Farewell		40°38'S 172°38'E
	Ch 71	Fiordland		44°54'S 167°20'E
	Ch 67	Fox		43°36'S 169°46'E
	Ch 67 68 71	Great Barrier Is		36°20'S 175°31'E
	Ch 68	Greymouth		42°24'S 171°21'E
	Ch 67	Kaikoura		42°12'S 173°47'E
	Ch 71	Kaitaia		35°10'S 173°31'E
	Ch 68	Napier		39°45'S 176°51'E
	Ch 67	Picton		41°16'S 174°07'E
	Ch 71	Plenty		37°32'S 175°45'E
	Ch 67	Puysegur		46°09'S 166°51'E
	Ch 71	Runaway		37°32'S 177°59'E
	Ch 67	Stewart Island		46°56'S 167°52'E
	Ch 71	Taranaki		39°18'S 174°05'E
	Ch 69	Tolaga		38°34'S 178°06'E
	Ch 71	Wairarapa		41°19'S 175°46'E
Ch 67	Waitaki	44°38'S 170°54'E		
Ch 60	Wanganui	39°49'S 174°56'E		
Ch 62	Wellington	41°14'S 176°47'E		
	Westport	41°47'S 171°44'E		
	Whangarei	35°32'S 174°05'E		
	Chatham Islands	43°43'S 176°35'W		
	Pitt Islands	44°16'S 176°15'W		

DIAGRAMS: pages 5, 30, 183 and 185

(Continued on page 32)



**Greenland - Coast Radio Stations**  
**MSI BROADCASTS**

KEY:  
Ch 04 3276 kHz = MSI Broadcast Frequency or Channel  
 □ ■ = Coast Radio Station  
 ○ ● = Remote Site

VHF/MF RADIOTELEPHONE BROADCASTS		
Broadcast	Mode	Time (UTC)
Storm Warnings	VHF/RT(MF)/RT(HF)	On receipt & 0805 1305 1805 2305
Weather Bulletins	VHF/RT(MF)/RT(HF)	On request
Navigational Warnings	RT(MF)	On receipt
		Aasiaat: 0235 0535 0835 1135 1435 1735 2035 2335
		Ammassalik: 0120 0420 0720 1020 1320 1620 1920 2220
Ice Reports	VHF/RT(MF)/RT(HF)	On request

- Upernavik  
3276 kHz
- Qaarsorsuaq  
Ch 04
- Uperniviuq Qaqqaa  
Ch 63
- Uummannaq  
Ch 03 3280 kHz
- Niaqornaq  
Ch 02
- Pingo  
Ch 24
- Uunartuarsuup Qaqqaa  
Ch 23
- Qeqertarsuaq  
2304 4381 kHz
- Ilulissat  
Ch 25
- AASIAAT  
Ch 27 6522 kHz
- Attup Uummannaq  
Ch 28
- Sisimiut  
Ch 01 3125 kHz
- Qaqatoq  
Ch 26
- Kangaamiut  
Ch 24
- Maniitsoq  
Ch 25 2400 kHz
- Qingaaq  
Ch 03 04
- Kook Island (Nuuk)  
Ch 26 2116 kHz
- Kangaarsuk  
Ch 28

- Sermiligaq  
Ch 26
- Pingels Fjeld  
Ch 25
- AMMASSALIK  
2250, 3250, 4381 kHz
- KapTycho Brahe  
Ch 27

- |                              |                   |                            |                      |                 |                     |                     |                     |                  |                                 |
|------------------------------|-------------------|----------------------------|----------------------|-----------------|---------------------|---------------------|---------------------|------------------|---------------------------------|
| Paamiut<br>Ch 23<br>2225 kHz | Arsuutaa<br>Ch 27 | Simiutaq<br>Ch 26 2129 kHz | QAQORTOQ<br>Ch 02 25 | Narsaq<br>Ch 24 | Narsarsuaq<br>Ch 23 | Sermersooq<br>Ch 28 | Nanortalik<br>Ch 04 | Top 775<br>Ch 03 | Ikerassassuaq<br>Ch 01 2265 kHz |
|------------------------------|-------------------|----------------------------|----------------------|-----------------|---------------------|---------------------|---------------------|------------------|---------------------------------|



**V**

<b>Weather Bulletins</b>	
<b>A-C, G:</b> On receipt <b>A-C:</b> 0133 0533 1333 1733 LT <b>G:</b> 0533 0733 1333 1733 2133 LT	Meteorological warnings, synopsis and forecasts for New Zealand coastal areas
<b>C, E:</b> 0303 <sup>1</sup> 0903 <sup>1</sup> 1503 <sup>1</sup> 2103 <sup>1</sup> LT <b>D, F:</b> 0333 <sup>1</sup> 0933 <sup>1</sup> 1533 <sup>1</sup> 2133 <sup>1</sup> LT	Meteorological warnings in force for Navarea XIV
<b>A-C:</b> 0133 0533 0803 1203 1333 1733 2003LT <b>G:</b> 0533 0733 1033 1333 1733 2133 LT	Coastal reports for shipping
<b>C, E:</b> 0903 <sup>1</sup> 2103 <sup>1</sup> LT <b>D, F:</b> 0933 <sup>1</sup> 2133 <sup>1</sup> LT	Synopsis and forecast for areas Subtropic, Forties and Pacific
<b>H:</b> 0603 1403 1803 2203 LT <sup>2</sup>	Coastal reports for Chatham Islands
<b>Navigational Warnings</b>	
<b>A-C, G:</b> On receipt <b>A-C:</b> 0133 0533 1333 1733 LT <b>G:</b> 0533 0733 1033 1333 1733 2133 LT <b>A-C, G:</b> On request	Coastal navigational warnings for New Zealand
<b>C, E:</b> 0303 <sup>1</sup> 0903 <sup>1</sup> 1503 <sup>1</sup> 2103 <sup>1</sup> LT <b>D, F:</b> 0333 <sup>1</sup> 0933 <sup>1</sup> 1533 <sup>1</sup> 2133 <sup>1</sup> LT	Navigational warnings in force for Navarea XIV
(1) Broadcasts made 1 hour later when NZDT is in force (see ALRS 2 for dates) (2) Chatham Is. Local Time is 45 minutes ahead of NZLT	
NOTE: Maritime Safety Information will be announced prior to broadcast on VHF Ch 16	

Maritime Operations Centre Ad14/04

Page 185, delete diagram New Zealand – Taupo Maritime Radio, MSI BROADCASTS, and replace by diagram on page 34

Maritime Operations Centre Ad14/04

*(Continued on page 35)*

## NEW ZEALAND Taupo Maritime Radio MSI BROADCASTS

VHF Broadcasts include Navigational and Meteorological warnings, the situation and forecast for all New Zealand Forecast areas and Coastal Reports for Shipping

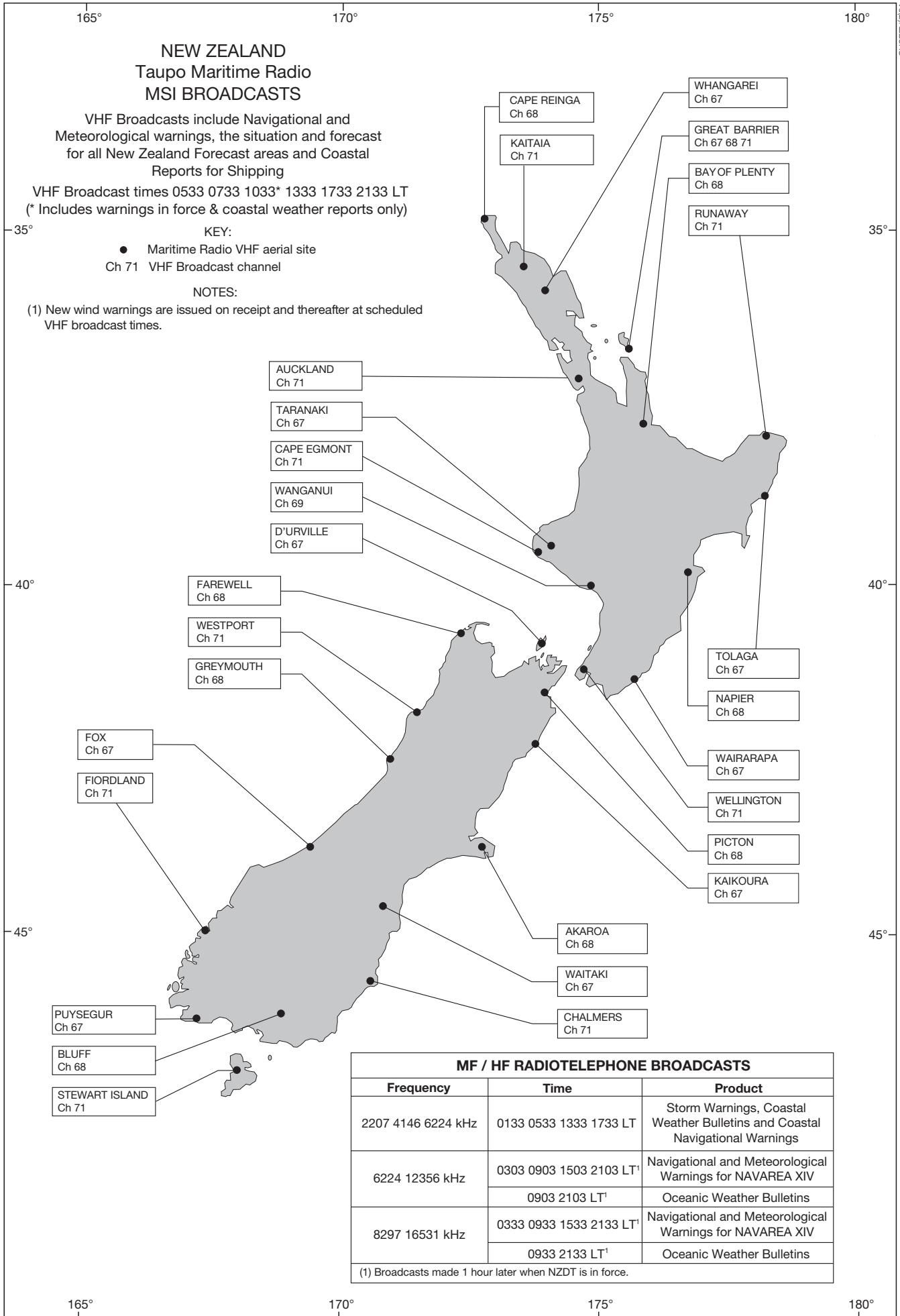
VHF Broadcast times 0533 0733 1033\* 1333 1733 2133 LT  
(\* Includes warnings in force & coastal weather reports only)

**KEY:**

- Maritime Radio VHF aerial site
- Ch 71 VHF Broadcast channel

**NOTES:**

(1) New wind warnings are issued on receipt and thereafter at scheduled VHF broadcast times.



MF / HF RADIOTELEPHONE BROADCASTS		
Frequency	Time	Product
2207 4146 6224 kHz	0133 0533 1333 1733 LT	Storm Warnings, Coastal Weather Bulletins and Coastal Navigational Warnings
6224 12356 kHz	0303 0903 1503 2103 LT <sup>1</sup>	Navigational and Meteorological Warnings for NAVAREA XIV
	0903 2103 LT <sup>1</sup>	Oceanic Weather Bulletins
8297 16531 kHz	0333 0933 1533 2133 LT <sup>1</sup>	Navigational and Meteorological Warnings for NAVAREA XIV
	0933 2133 LT <sup>1</sup>	Oceanic Weather Bulletins
(1) Broadcasts made 1 hour later when NZDT is in force.		

<b>MOBILE (WLO)</b>				
<b>A</b>	4369 (405)	RT (HF)		
	8788 (824)			
	13110 (1212)			
	17362 (1641)			
	22804 (2237)			
<b>B</b>	4213 (406)	RADIO-TELEX		
	6317 (606)			
	8419 (806)			
	8421 (810)			
	8423-5 (815)			
	12581-5 (1205)			
	12584-5 (1211)			
	16809 (1605)			
	16814 (1615)			
	19685-5 (1810)			
	22383-5 (2215)			
	26105-5 (2510)			
DIAGRAMS: pages 207, 208, 209 and 235				
<b>Weather Bulletins</b>				
<b>A:</b> 0400 1300 1500 1600 2200	Forecast for Gulf of Mexico			
<b>A:</b> 0500 1300 1700 2300	Forecast for Southwest North Atlantic			
<b>A:</b> 0600 1300 1800 2400	Forecast for Caribbean			
<b>B:</b> On request using command "WX+" (This service is chargeable)	NOAA selected weather products for all ocean areas adjoining the United States. Additional specific weather products are generated during the annual occurrence of the Hurricane Season. Weather forecast releases are made four times daily at six hour intervals. Each product has its regularly scheduled release time.			

Mobile radio Ad14/04

<b>SEATTLE (KLB)</b>				
	4405 (417)	RT (HF)		
	8731 (805)			
	13101 (1209)			
	17311 (1624)			
DIAGRAMS: pages 210, 211, 212, 223 and 243				
<b>Weather Bulletins</b>				
0400	Forecast for Pacific and Alaskan waters			

Mobile radio Ad14/04

Page 247, **URUGUAY, ARMADA CENTRO PRIMARIO (CWM)**, delete station

Uruguayan Notice 1/5/2004(G) Ad15/04

**BELÉN (PREFECTURA)**, delete station

Uruguayan Notice 1/5/2004(G) Ad15/04

**BELLA UNIÓN (PREFECTURA)**, delete station

Uruguayan Notice 1/5/2004(G) Ad15/04

**CENTRO METEOROLOGICO NACIONAL**, delete station

Uruguayan Notice 1/5/2004(G) Ad15/04

Page 248, **CERRITO / PUNTA CARRETAS**, delete station and replace by:

<b>CERRITO (CWA)</b>				
	421.5	WT (MF)		
	4346	WT (HF)		
	8602			
	12750			
	16781.3			
	22312.5			
DIAGRAM: page 250				
<b>Weather Bulletins</b>				
0000 1400 1900	Forecast for all areas in Spanish and English			
<b>Navigational Warnings</b>				
0000 1400 1900	Navigational warnings for Uruguayan coastal waters, Río de la Plata and Río Uruguay in Spanish			

Uruguayan Notice 1/5/2004(G) Ad15/04

**COLONIA (PREFECTURA)**, delete station and replace by:

<b>COLONIA (PREFECTURA)</b>				
	Ch 15	VHF		
	2722.1	RT (MF)		
DIAGRAM: page 250				
<b>Weather Bulletins</b>				
0333 1333 2103				
<b>Navigational Warnings</b>				
0333 1333 2103				

Uruguayan Notice 1/5/2004(G) Ad15/04

LA PALOMA (PREFECTURA), delete station and replace by:

LA PALOMA				
	Ch 15	VHF		
	2722-1	RT (MF)		
	4146	RT (HF)		
	6218-6			
DIAGRAM: page 250				
Weather Bulletins				
0600 1200 1900				
Navigational Warnings				
0600 1200 1900				

Uruguayan Notice 1/5/2004(G) Ad15/04

Page 249, insert station:

MONTEVIDEO TROUVILLE				
	2722-1	RT (MF)		
	4146	RT (HF)		
DIAGRAM: page 250				
Weather Bulletins				
0103 1133 1903				
Navigational Warnings				
0103 1133 1903	In Spanish for Uruguayan coastal waters, Río de la Plata, Río Uruguay.			

Uruguayan Notice 1/5/2004(G) Ad15/04

NUEVA PALMIRA (PREFECTURA), Weather Bulletins and Navigational Warnings delete broadcast times and replace by: 0033 1033 1803

Uruguayan Notice 1/5/2004(G) Ad15/04

Insert station:

PUNTA CARRETAS				
<b>A</b>	2768-5	RT (MF)		
<b>B</b>	4357-4	RT (HF)		
	6518-8			
	8291-1			
	13128-7			
	17260-8			
	22636-3			
DIAGRAM: page 250				
Weather Bulletins				
<b>A:</b> 0000 1400 1900 <b>B:</b> 0003 1403 1903	Forecast for all areas in Spanish and English			
Navigational Warnings				
<b>A:</b> 0000 1400 1900 <b>B:</b> 0003 1403 1903	Navigational warnings for Uruguayan coastal waters, Río de la Plata and Río Uruguay in Spanish			

Uruguayan Notice 1/5/2004(G) Ad15/04

V

**RÍO BRANCO (PREFECTURA),** delete station and replace by:

<b>RÍO BRANCO (PREFECTURA)</b>				
	Ch 15	VHF		
	2722-1	RT (MF)		
DIAGRAM: page 250				
<b>Weather Bulletins</b>				
0933 1703 2333				
<b>Navigational Warnings</b>				
0933 1703 2333				

Uruguayan Notice 1/5/2004(G) Ad15/04

Page 250, **SALTO (PREFECTURA), Weather Bulletins and Navigational Warnings,** delete broadcast times and replace by: 0505 1105 1705 2305

Uruguayan Notice 1/5/2004(G) Ad15/04

Insert station:

<b>SODRE (CX 38)</b>				
	1290	RT (MF)		
<b>Navigational Warnings</b>				
1205 1915				

Uruguayan Notice 1/5/2004(G) Ad15/04

**TROUVILLE (PREFECTURA),** delete station

Uruguayan Notice 1/5/2004(G) Ad15/04

## SHIPS' WEATHER REPORTS

Page 261, **UNITED STATES (ATLANTIC COAST),** after **Baltimore** insert:

**Charleston** Mr Tim Kenefick, PMO  
 NOAA Coastal Services Center  
 2234 South Hobson Avenue  
 Charleston SC 29405-2413  
 Telephone: +1 843 7401281  
 Fax: +1 843 7401289  
 E-mail: timothy.kenefick@noaa.gov

NOAA, Mariners Weather Log, December 2003 Ad14/04

Delete **New York** and replace by:

**New York / New Jersey**  
 Mr Jim Luciani, PMO  
 National Weather Service, NOAA  
 110 Lower Main Street, Suite 201  
 South Amboy, NJ 08879-1367  
 Telephone: +1 732 3165409  
 Fax: +1 732 3167643

NOAA, Mariners Weather Log, December 2003 Ad14/04

*(Last Amendments: Edition No 8 dated 16 April 2004)*

Page 124, **INDONESIA (Jawa), ARDJUNA OIL TERMINAL**

**Terminal, PROCEDURE,** *delete section (4) and replace by:*

(4) Mooring Master boards in position 5°50'S 107°47'E (in the anchorage area).

Didi Haudini, Ardjuna Terminal Ad14/04

Page 228, **NEW ZEALAND, AUCKLAND (Manukau Harbour, Onehunga Harbour and Waitemata Harbour)**

**(1) Manukau Harbour, Pilots and Port, PROCEDURE,** *delete section (4) and replace by:*

(4) All vessels of 500 GT and over must contact Manukau Harbour Radio on VHF Ch 11 for arrival or departure instructions when passing the following Reporting Points:

- (a) 37°05'·3S 174°25'·3E (Inward-Bound and Outward-Bound)
- (b) 37°02'·3S 174°34'·0E (Inward-Bound and Outward-Bound)
- (c) 37°00'·1S 174°36'·8E (Outward-Bound)

(5) Pilot boards off Te Pirau Point.

New Zealand Notice 6/59/2004 Ad15/04

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**AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2004**  
(in the area of Australian Charting Responsibility)

*In force 27 March 2004*

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
<b>9</b>	<b>Antarctic</b>		
	79-80	Ile de la Possession – Anchorages	25/01
	80	Ile de la Possession – Anchorage	31/00
	91-92	Iles Kergulen – Directions; anchorages	08/01
	98-99	Southern Ocean – Heard Island and McDonald Islands – Volcanic activity; depths	04/04
	109	South Georgia – Prince Olav Harbour and approaches	15/98
	111	Stromness Harbour – Mooring buoy removed	01/02
	113	South Georgia – King Edward Cove Foul patch	05/04
	113	South Georgia – Mooring buoy	08/01
	113	Cobblers Cove – Anchorage	24/01
	114	Godthul – Presence of kelp	24/01
	114	Ocean Harbour – Anchorage	24/01
	114	Ocean Harbour – Berth; depth	16/03
	115	South Georgia - Gold Harbour	15/98
	116	Larsen Harbour – Depth; anchorage	13/03
	117	King Haakon Bay – McNish Island	24/01
	117	South Georgia - King Haakon Bay – Dangerous Rock	10/04
	120-121	South Sandwich Islands – Zavodski Island and Saunders Island – Depths; anchorage	16/03
	130	South Orkney Islands – Coronation Island – Melsom Rocks Westnothwest – Rock	29/03
	133	South Shetland Islands – Elephant Island – Dangerous rock	21/02
	149	Antarctica Sound – Rock; discoloured water	04/00
	157, 158	Antarctica – Anvers Island – Arthur Harbour – Janus Island Southeastwards — Rock	10/03
	183	Antarctica – Marguerite Bay – Horseshoe Island Westsouthwestwards - Rock	08/03
	208	Australian Antarctic Territory – Cape de la Motte – Shoal depths	10/03
	209	Terre Adélie – Dumont d’Urville Sea – Rock	12/04
	209	Terre Adélie – Dumont d’Urville Sea – Islets	08/04
	225, 230	Antarctica – Refuge huts	39/02
	230	Antarctica – Refuge hut removed	20/01
	233	Antarctica – Protected areas	18/99
	233, 235, 239	Antarctica – Protected areas	42/98
<b>13</b>	<b>Australia I</b>		
	5-6	Australia – Radio pratique	10/02
	50	King George Sound – Seal Island – Dangerous wreck	06/02
	56	Australia, South Coast – Mary Ann Haven – Hopetoun – Leading lights	02/03
	93	Franklin Harbour – Leading lights altered	37/01
	103	Australia, South Coast – Spencer Gulf – Port Bonython – Restricted area	42/03
	114, 120	Australia, South Coast – Backstairs Passage – Yatala Shoal – Sectorred light	10/03
	122	Gulf Saint Vincent – Rapid Head Northwards – Wreck	13/03
	123	Gulf Saint Vincent – Yankalilla Bay – Wirrina Cove – Marina	14/03
	129	Gulf Saint Vincent – Port Adelaide – Depth	27/03
<b>14</b>	<b>Australia II</b>		
	7-8	Australia – Radio pratique	22/02
	105-106	Port Phillip – Entrance channels – Directions	29/02
	242	Tasmania, East Coast – Hobart – Leading light amended	44/03
	258	Tasmania, East Coast – Spring Bay – Restricted area	32/03
<b>15</b>	<b>Australia III</b>		
	3, 374	Torres Strait and Great North East Channel – Pilotage	12/03
	78	Great Barrier Reef – Ashmore Reef – Anchorage	17/03
	116-117	Australia, East Coast – Clarence River and Port of Yamba – Depths; directions	31/03
	159-162	Australia – East coast – Port of Bundaberg and approaches – Depths; navigation aids; anchorage	01/04
	275	Port of Cairns – Pilot boarding position	13/03
	284	Australia, East Coast – Port of Cooktown – leading line deleted	41/03
	368-369	Papua New Guinea – Umuda Floating Terminal	11/03
	387	Australia, Northern Territory – Directions south and west from Booby Island – Preferred route westward	46/03



## VI

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
<b>17</b>	<b>Australia V</b>		
	8	Australia – Radio pratique	10/02
	54, 76	Australia, Northern Territory – Gulf of Carpentaria – Preferred route	38/03
	88	Australia, Northern Territory – Recommended track revoked	38/03
	107	Timor Sea – Sahul Banks – Depth; Gas field	06/03
	107	Timor Sea – Sahul Banks – FSO; pilotage	14/03
	110-112	Timor Sea – Melville Island to Ashmore Reef and Bassett Smith Shoal – Preferred routes	41/03
	111, 152	Australia, Northern Territory – Depth; recommended tracks	33/03
	112	Timor Sea – Cartier Islet – Prohibited area	33/03
	130-131	Cambridge Gulf – Wyndham approaches – Hay Point – Leading lights	37/03
	131	Cambridge Gulf – Wyndham approaches – Patch Point – Leading lights	40/03
	184	Port Hedland – Pilotage	10/02
	189	Australia, West Coast – Wanaea and Legendre Marine Terminals – Pilotage	14/03
	192	Port Walcott – Pilot boarding position	37/02
	200	Flying Foam Passage – Rock	34/03
	205	Varanus Island Oil Terminal – Depth	34/02
	207	Barrow Island Westsouthwestward – FPSO	01/03
	211	Onslow – Jetty; directions	06/02
	217-218	Australia, West Coast – Exmouth Gulf – Berth discontinued	27/03
	250	Western Australia – Fremantle – Inwards reporting	42/02
	260-261	Australia, West Coast – Cockburn Sound – Jervoise Bay – Port developments; directions	41/02
<b>33</b>	<b>Philippine Islands</b>		
	6, 98	Sabah – Marine parks	06/03
	75-76	Puerto Princesa - Pilot boarding position; Quarantine anchorage	16/00
	115	Ligitan Channel and Ligitan Group – Depths	23/00
	119	Hand Rock – Depths	23/00
	148	Dapitan Bay – Pilot boarding point	47/00
	176	Batangas – Anchorages; fairway	16/00
	205	Bacolod – Anchorages; pilot boarding point	20/00
	263	Inamucan Bay – Pilot boarding point	47/00
	266	Port Ozamiz – Pilotage	47/00
	318	Surigao Strait – Local magnetic anomaly	23/00
<b>34</b>	<b>Indonesia II</b>		
	433	Java Sea – Mine risk	34/03
<b>35</b>	<b>Indonesia III</b>		
	2	Archipelagic Sea Lanes (ASLs)	09/03
	2, 256	Archipelagic Sea Lanes (ASLs)	12/03
<b>36</b>	<b>Indonesia I</b>		
	4	Archipelagic Sea Lanes (ASLs)	09/03
	4, 233	Archipelagic Sea Lanes (ASLs)	12/03
	58	Jawa, West Coast – Port of Cigading – Directions; leading lights	43/03
	116	Indonesia - Jawa North coast – Pelabuhan Pereng – Buoyage; lights; directions	10/04
	124	Sumatera – Selat Bangka – Karang Brombram Southwestwards – Wreck	46/03
	131	Sumatera, East Coast – Selat Bangka to Selat Berhala – Wrecks	44/02
	223	Java Sea and Selat Sunda – Mine risk	34/03
<b>39</b>	<b>South Indian Ocean</b>		
	201, 204	Madagascar – East coast – Diégo-Suarez – Depths; wreck	02/04
	240-241, 243	Victoria and approaches – VTS; anchorages; oil terminal	45/01
	259-261	Mauritius – Port Loius – Depths; leading lights	09/04
<b>44</b>	<b>Malacca Strait and West Coast of Sumatera</b>		
	57-58	Sumatera, North Coast – Moored storage tanker	31/03
	57-58	Sumatera, North Coast – Moored storage tanker	45/03
	69, 308	Sumatera, North and North Wests Coasts – Prohibited area	34/03
	130-131, 133-134, 137	Thailand, West Coast – Phuket approaches – Light	45/03
	209, 222	Singapore Strait - Central Part – Depths	06/04
	215-216	Singapore Strait - Selat Phillip – Buoyage	31/03
	236, 238, 241-242, 278	Singapore Strait – Outer anchorage – Amended areas and usage; pilotage; depths; wrecks; ferries	06/04

## VI

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
<b>51</b>	<b>New Zealand</b>		
	64-65	Manukau Harbour approaches – South Western Shoals and Middle Deep	16/03
	84-85, 87	Wanganui – Light discontinued	39/03
	173	Bluff Harbour approaches – Buoy; directions	46/03
	207-208, 210, 212	Whangarei Harbour – Pilot boarding position	10/04
	213	Whangarei Harbour – Direction light	01/04
	256	Tauranga Harbour – Direction light	09/04
	270-271	Poverty Bay – Gisborne – Anchorage discontinued	26/03
	278	Napier – Lights in line	40/03
	296, 298	Timaru Harbour approaches – Pilot boarding place	25/03
	304	Otago Harbour approaches – Prohibited anchorage	31/03
<b>60</b>	<b>Pacific Islands I</b>		
	3	Navigational Aids – Beacons – Cyclonic damage	13/04
	371	Northern Marianas Islands – Siapan harbour approach – Shoal	13/04
<b>61</b>	<b>Pacific Islands II</b>		
	24, 203	Fiji – Great Astrolabe Reef eastwards – Volcanic activity	01/02
	74	Nouvelle-Calédonie – Approaches to Nouméa – Île Ouen Westwards – Taréti – Light-buoy	39/02
	99	Nouvelle-Calédonie – Passe de Poum – Leading line	08/02
	113	Nouvelle-Calédonie, North-east coast – Anchorage	11/04
	121	Nouvelle-Calédonie, North-east coast – Beacon; shoal	08/04
	130	Îles Loyauté – Passage between Île Maré and Île Lifou – Positions of islands	11/04
	137	Vanuatu – Anelghowhat Bay – Shoal	02/03
	316	Fiji Islands – Viti Levu northwestwards – Balmoral Reef Southwestwards – Shoal depth	33/01
	345	Tonga – Vava’u Group northwestwards – Volcanic activity	08/02
	359	American Samoa – Manua Islands Southeastwards – Volcanic activity	39/02
	402	Butaritari Atoll – Directions	48/01
<b>62</b>	<b>Pacific Islands III</b>		
	72	Southern Cook Islands– Raratonga southwards – Rock deleted	01/04
	92	Southern Cook Islands– Raratonga Avarua – Anchorage; leading lights discontinued	01/04
	116-117	Archipel des Tuamotu– Raroia Ngarumaoa – Depths; directions; anchorage	01/04
	119	Archipel des Tuamotu– Makemo – Depths; directions; anchorage	02/04
	155	Polynésie Française– Moorea – Passe Matauvau – Depth	49/03
	171	Îles de la Société – Tahaa – Baie de Tapuamu and Îlot Tautau – Submarine cable and pipelines; restricted area; prohibited anchorage	44/03
	186-187	Îles Marquises – Nuku-Hiva – Baie de Taiohae – Leading lights; anchorage	25/03
	257	Barbers Point – Restricted Area	12/04
	304	United States – Code of Federal Regulations – Ports and Waterways Safety – General	24/03
<b>100 and 100(M)</b>	<b>The Mariner’s Handbook</b>		
	34	Squat	47/03
	38	International Maritime Bureau – Piracy Reporting Centre	04/04
	39, 48	Archipelagic Sea Lanes (ASLs)	26/03
	61	Particular Sensitive Sea Areas	05/04
	109-196, 198-199, 201-203, 206	Annex B – The International Regulations for Preventing Collision at Sea (1972) – Amendments in force from 29 November 2003	42/03
<b>136</b>	<b>Ocean Passages for the World</b>		
	v, vi	Contents – Amendments	48/88
	9/10	World Predominant Surface Current Distribution Diagrams	43/88
	Diagram 1.26	Load Line Regulations 1998	16/99
	117-118	Main Route through South China Sea – Amendment	51/01
	119	South China Sea – Recommended routes	51/01

Ad14/04