



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 419 - 447

Published fortnightly by the Australian Hydrographic Service

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Hydrographer of Australia

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

British Admiralty Notices to Mariners
New Zealand Notices to Mariners

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

Bearings are referred to the true compass and are reckoned clockwise from 000° (North) to 359°; those relating to lights are given as seen by an observer from seaward. Positions quoted in permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. The range quoted for a light is its nominal range. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices. A star () adjacent to the number of a notice indicates that the notice is based on original information.*

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 South Coast Mail Centre, NSW 2521 (Fax 02-4221 8599, e-mail Hydro.NTM@defence.gov.au or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email rccaus@amsa.gov.au).

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

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NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 13

27 June 2003

Notices	Aus Chart, INT Chart, ENC Cell, BA Pub
419.....	Aus 722, 724, NP 285
420.....	Aus 220, 370, 371, 823, 827, 4621, INT 621
421.....	Aus 4602, INT 602
422.....	Aus 238
423.....	Aus 238
424.....	Aus 268, 371, 825, 826
425.....	Aus 259
426.....	Aus 380
427.....	Aus 411, 413, 415
428.....	Aus 747
429.....	Aus 114, 117, 754, AX 70117
430.....	Aus 114, 117, AX 70117
431.....	Aus 337
432.....	Aus 173
433.....	Aus 354, 355, 422, 795
434.....	Aus 170
435.....	Aus 155
436(T).....	Aus 814
437(T).....	Aus 237
438(T).....	Aus 237, 238
439(T).....	Aus 235
440(T).....	Aus 365
441(T).....	Aus 252, 254
442(T).....	Aus 270, AU5270P6
443(T).....	Aus 112, 113, 114, 117, AX70117
444(T).....	Aus 115
445(T).....	Aus 350, 353, 422, 445B, 790, 801
446(T).....	Aus 157
447(T).....	Aus 154, 157

419 AUSTRALIA - Products.

AHS (A36749) , UKHO Ed 23/2003 (A37523).

New Edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 722	Australia - North Coast - Northern Territory - Beagle Gulf and Clarence Strait	1:150 000

Aus 724	Australia - North Coast - Northern Territory - Fog Bay to Port Keats	1:150 000
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Admiralty Publication

<i>NP No</i>	<i>Title</i>	<i>RRP(UK)</i>	<i>Date</i>	<i>Remarks</i>
NP 285	Admiralty List of Radio Signals. Global Maritime Distress and Safety System (GMDSS).	£30.00	5/6/2003	The 2002/2003 edition of NP 285 is thereby cancelled.

420* AUSTRALIA - Miscellaneous corrections.

French Chart 7321 (INT 636), AHS (A36817, A36860, A36959 & A36960).

Aus 220 [823/2002]

Insert	accompanying plan , above plan Trial Bay		
	accompanying note outside N border, above plan Richmond River Entrance		153° 35'.7 E

Aus 220 (plan, Clarence River Entrance)

Insert	accompanying block	29° 26'.0 S	153° 21'.0 E
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Aus 370 [335/2003]

Substitute	accompanying note	21° 41'.5 S	148° 53'.5 E
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Aus 371 [396/2003]

Substitute	accompanying note	20° 16'.5 S	146° 18'.0 E
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Aus 823 [658/2002]

Substitute	accompanying note	21° 37'.0 S	149° 11'.5 E
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Aus 827 [396/2003]

Substitute	accompanying note	19° 21'.5 S	146° 14'.5 E
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Aus 4621 (INT 621) [335/2003]

Insert	magenta legend, <i>Adjoining Chart INT 636</i> , in E border centred on	19° 00'.0 S	
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Amend	legend to <i>Adjoining Chart INT 634</i> , in E border centred on	15° 00'.0 S	
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421* AUSTRALIA - TASMAN SEA - Wanganella Bank - Depth disproved.HMAS *Melville* (A36478).**Aus 4602 (INT 602) [761/2002]**

Delete	depth 36m and enclosing danger circle	32° 00'.0 S	166° 57'.0 E
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422* AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Lights; leading lines.

List of Lights Vol K/2003 -- 2874.20,2874.21

Maritime Safety Queensland (A36802).

Aus 238 [228/2003]

Move	light	(a) 27° 27'.00 S	153° 05'.49 E
	to	(b) 27° 26'.988 S	153° 05'.493 E
	light beacon	27° 26'.98 S	153° 05'.41 E
	to	27° 26'.963 S	153° 05'.405 E

Insert	pecked line emanating from (b) in a direction 287.7° for 2850m, with legend 107.7°
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Delete	pecked line and legend 107° 48', emanating from (a)
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Aus 238 (plan, Hamilton Reach)

Insert	pecked line, with legend 107.7°, between	27° 26'.960 S	153° 05'.394 E
		27° 26'.520 S	153° 03'.845 E
Delete	pecked line and legend 107° 48' between	27° 26'.97 S	153° 05'.40 E
		27° 26'.51 S	153° 03'.77 E

423* AUSTRALIA - QUEENSLAND - Brisbane River - Shaftston Reach - Light buoy.

STS *Young Endeavour* (A36513), Maritime Safety Queensland (A37454).

Aus 238 [422/2003]

Move	light buoy	27° 28'.24 S	153° 02'.32 E
	to	27° 28'.201 S	153° 02'.337 E

Aus 238 (plan, Town Reach and Shafston Reach)

Move	light buoy	27° 28'.24 S	153° 02'.32 E
	to	27° 28'.201 S	153° 02'.337 E

424* AUSTRALIA - QUEENSLAND - Stone Island - Sinclair Head - Light.

List of Lights Vol K/2003 -- 3070.00
Maritime Safety Queensland (A36508).

Aus 268 (plan, Approaches to Bowen) [730/2002]

Insert	light, <i>Fl. 4s 27m 10M</i>	20° 01'.939 S	148° 17'.625 E
Delete	light and sector	20° 01'.97 S	148° 17'.56 E

Aus 371 [420/2003]

Amend	light characteristic, to <i>Fl. 4s 10M</i>	(a) 20° 02'.2 S	148° 17'.6 E
Delete	light sector, emanating from (a)		

Aus 825 [NC 21/3/2003]

Amend	light characteristic, to <i>Fl. 4s 27m 10M</i>	(a) 20° 01'.9 S	148° 17'.6 E
Delete	light sector, emanating from (a)		

Aus 826 [498/2002]

Amend	light characteristic, to <i>Fl. 4s 27m 10M</i>	(a) 20° 01'.9 S	148° 17'.6 E
Delete	light sector, emanating from (a)		

425* AUSTRALIA - QUEENSLAND - Cardwell - Tower southeastwards.

AHS (A36961).

Aus 259 [634/2002]

Amend	tower height, to 225m	18° 18'.68 S	146° 02'.92 E
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426* PAPUA NEW GUINEA - Ava Point - Depths.

HMAS' *Paluma* and *Mermaid* HI 353 MMI 3-1-21334 (A36932).

Aus 380 [46/2002]

Insert	depth, 4 ₃ fm, enclosed by contour	10° 23'.08 S	149° 11'.45 E
	depth, 5fm, enclosed by contour	10° 27'.41 S	149° 19'.72 E
	depth, 10 ₃ fm, and extend contour SE to enclose	10° 26'.23 S	149° 27'.73 E
	depth, 8 ₂ fm, enclosed by contour	10° 28'.79 S	149° 32'.33 E
	depth, 7 ₂ fm, enclosed by contour	10° 30'.91 S	149° 37'.39 E
Substitute	depth, 8 ₅ fm, enclosed by contour, for 16fm	10° 27'.6 S	149° 36'.4 E
Delete	depth 18fm	10° 26'.0 S	149° 27'.2 E
	depth 28fm	10° 29'.0 S	149° 32'.6 E

427* AUSTRALIA - NORTHERN TERRITORY - Melville Island - Recommended tracks revoked.
AMSA (A33819).

Aus 411 [309/2003]

Delete	recommended track, with legend 080° - 260°, between	10° 47'.4 S	130° 10'.7 E
		10° 59'.5 S	129° 02'.0 E
	recommended track, with legend 152° - 332°, between	9° 48'.0 S	128° 15'.0 E
		10° 00'.0 S	128° 21'.4 E
	recommended track, with legend 146° - 326°, between	10° 00'.0 S	128° 21'.4 E
		11° 00'.0 S	129° 02'.0 E
	recommended track, with legend 136° 30' - 316° 30', between	11° 00'.0 S	129° 02'.0 E
		11° 54'.5 S	129° 55'.0 E
	recommended track, with legend 121° 40' - 301° 40', between	10° 54'.0 S	128° 15'.0 E
		11° 54'.5 S	129° 55'.0 E
	recommended track, with legend 119° - 299°, between	11° 54'.5 S	129° 55'.0 E
		12° 12'.4 S	130° 27'.4 E

Aus 413 [309/2003]

Insert	legend, 086.3° - 266.3°, centred on	12° 31'.0 S	125° 47'.0 E
Delete	recommended track, with legend 316° 30' - 136° 30', between	11° 35'.0 S	129° 36'.3 E
		11° 54'.5 S	129° 55'.0 E
	recommended track, with legend 121° 40' - 301° 40', between	11° 35'.0 S	129° 23'.0 E
		11° 54'.5 S	129° 55'.0 E
	recommended track, with legend 119° - 299°, between	11° 54'.5 S	129° 55'.0 E
		12° 18'.0 S	130° 38'.6 E
	recommended track between	12° 18'.7 S	130° 39'.0 E
		12° 15'.0 S	130° 20'.0 E
	recommended track, with legend 086° 15' - 266° 15', between	12° 15'.0 S	130° 20'.0 E
		12° 31'.5 S	126° 03'.0 E
	recommended track, with legend 080° - 260°, between	12° 15'.5 S	130° 12'.0 E
		13° 00'.0 S	125° 58'.0 E
	recommended track, with legend 063° - 243°, between	12° 28'.0 S	127° 02'.0 E
		14° 14'.0 S	123° 29'.0 E
	recommended track, with legend 082° - 262°, between	14° 14'.0 S	123° 29'.0 E
		14° 30'.0 S	121° 30'.0 E
	recommended track, with legend 050° 30' - 230° 30', between	13° 11'.0 S	125° 36'.0 E
		15° 15'.3 S	123° 01'.5 E
	recommended track, with legend 038° 30' - 218° 30', between	13° 11'.0 S	125° 36'.0 E
		15° 15'.6 S	123° 54'.4 E
	recommended track between	15° 15'.6 S	123° 54'.4 E
		15° 21'.4 S	123° 54'.4 E
	recommended track, with legend 023° 30' - 203° 30', between	14° 14'.0 S	123° 29'.0 E
		15° 15'.3 S	123° 01'.5 E
	recommended track, with legend 180° - 000°, between	15° 15'.3 S	123° 01'.5 E
		15° 45'.3 S	123° 01'.5 E
	recommended track, with legend 050° - 230°, between	15° 45'.3 S	123° 01'.5 E
		16° 13'.0 S	122° 28'.0 E
	recommended track, with legend 058° - 238°, between	16° 13'.0 S	122° 28'.0 E
		16° 48'.0 S	121° 30'.0 E

Aus 415 [398/2003]

Delete	recommended track, with legend 180° - 000°, between	15° 33'.0 S	123° 03'.0 E
		15° 45'.2 S	123° 03'.0 E
	recommended track, with legend 050° - 230°, between	15° 45'.2 S	123° 03'.6 E
		16° 12'.1 S	122° 29'.5 E
	recommended track, with legend 058° - 238°, between	16° 12'.1 S	122° 29'.5 E
		17° 07'.0 S	120° 59'.0 E

428* WESTERN AUSTRALIA - Carnarvon - Depths.
AHS (A37276).

Aus 747 [337/2002]

Insert	accompanying block	24° 50'.0 S	113° 38'.0 E
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Aus 747 (plan, Carnarvon)

Substitute	accompanying plan
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429* WESTERN AUSTRALIA - Cockburn Sound - Depth.
AHS (A37153 & A37202).

Aus 114 [164/2003]

Insert	depth, 6 ₆ m	32° 10'.617 S	115° 45'.951 E
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Aus 117 [310/2003]

Insert	depth, 6 ₆ m	32° 10'.617 S	115° 45'.951 E
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Aus 754 [739/2002]

Insert	depth, 6 ₆ m	32° 10'.62 S	115° 45'.95 E
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Delete	depth 9m	32° 10'.46 S	115° 45'.96 E
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AX 70117 [NC 16/5/2003]

Insert	depth, 6 ₆ m	32° 10'.617 S	115° 45'.951 E
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430* WESTERN AUSTRALIA - Kwinana - Restricted area amended.
Fremantle Ports Notice 4/2003 (A37067 & A37068).

Aus 114 (inset, Kwinana Grain Jetty) [429/2003]

Insert	restricted area boundary between	32° 14'.833 S	115° 44'.941 E
		32° 14'.833 S	115° 45'.424 E

Delete	restricted area boundary between	32° 14'.83 S	115° 44'.94 E
		32° 14'.93 S	115° 44'.94 E
		32° 14'.93 S	115° 45'.40 E

Aus 117 [429/2003]

Insert	restricted area boundary between	32° 14'.83 S	115° 44'.94 E
		32° 14'.83 S	115° 45'.42 E

Delete	restricted area boundary between	32° 14'.83 S	115° 44'.94 E
		32° 14'.93 S	115° 44'.94 E
		32° 14'.93 S	115° 45'.40 E

AX 70117 [429/2003]

Insert	restricted area boundary between	32° 14'.83 S	115° 44'.94 E
		32° 14'.83 S	115° 45'.42 E

Delete	restricted area boundary between	32° 14'.83 S	115° 44'.94 E
		32° 14'.93 S	115° 44'.94 E
		32° 14'.93 S	115° 45'.40 E

431* WESTERN AUSTRALIA - Bremer Bay - Glasse Island - Light established in position.

Former Notice - 814(P)/2002 is cancelled
DPI WA (A37161 & A37162).

Aus 337 [765/2002]

Insert	light, Fl(2) 5s 5M	34° 25'.33 S	119° 24'.68 E
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Aus 337 (plan, Bremer Bay)

Insert	light, Fl(2) 5s 5M	34° 25'.326 S	119° 24'.683 E
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432* AUSTRALIA - TASMANIA - Alonnah - Light permanently discontinued.

List of Lights Vol K/2003 -- 3654.51
Marine and Safety Tasmania (A36927 & A37290).

Aus 173 [167/2003]

Delete	light	43° 18'.93 S	147° 14'.39 E
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433* AUSTRALIA - TASMANIA - Cape Paul Lamanon - Rocks.

HODSU (A36520 & A36943).

Aus 354 [572/2002]

Insert	dangerous underwater rock enclosed by danger circle	42° 50'.28 S	147° 55'.33 E
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Substitute	danger circle for semi enclosing danger line, centred on	42° 51'.0 S	147° 55'.7 E
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Delete	danger line between	42° 50'.5 S	147° 55'.7 E
		42° 50'.1 S	147° 54'.5 E
	dangerous underwater rock	42° 50'.4 S	147° 53'.4 E
		42° 50'.4 S	147° 54'.1 E
		42° 50'.4 S	147° 54'.5 E
		42° 50'.3 S	147° 55'.2 E
		42° 50'.3 S	147° 55'.5 E

Aus 355 [73/2003]

Insert	dangerous underwater rock enclosed by danger circle	42° 50'.28 S	147° 55'.33 E
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Substitute	danger circle for semi enclosing danger line, centred on	42° 51'.0 S	147° 55'.6 E
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Delete	danger line between	42° 50'.4 S	147° 55'.7 E
		42° 50'.3 S	147° 53'.1 E
	dangerous underwater rock	42° 50'.4 S	147° 53'.4 E
		42° 50'.3 S	147° 54'.0 E
		42° 50'.4 S	147° 54'.5 E
		42° 50'.2 S	147° 55'.1 E
		42° 50'.3 S	147° 55'.5 E

Aus 422 [313/2003]

Insert	dangerous underwater rock enclosed by danger circle	42° 50'.2 S	147° 55'.4 E
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Delete	danger line between	42° 51'.0 S	147° 55'.2 E
		42° 50'.5 S	147° 52'.8 E
	dangerous underwater rock	42° 50'.3 S	147° 54'.5 E

Aus 795 [573/2002]

Insert	dangerous underwater rock enclosed by danger circle	42° 50'.28 S	147° 55'.33 E
	danger circle enclosing rock awash	42° 51'.0 S	147° 55'.8 E

Delete	danger line between	42° 51'.3 S	147° 55'.6 E
		42° 50'.6 S	147° 55'.7 E
		42° 50'.1 S	147° 54'.5 E
		42° 50'.2 S	147° 53'.1 E
	dangerous underwater rock	42° 50'.3 S	147° 53'.3 E
		42° 50'.3 S	147° 54'.0 E
		42° 50'.3 S	147° 54'.5 E
		42° 50'.2 S	147° 55'.2 E
		42° 50'.3 S	147° 55'.5 E

434* AUSTRALIA - TASMANIA - Spring Bay - Restricted area.
Hobart Ports (A36935 & A37084).

Aus 170 (plan, Approaches to Spring Bay) [574/2002]

Insert	restricted area limit, with legend <i>Entry Prohibited</i> , commencing at	42° 32'.640 S	147° 55'.735 E
	thence an arc, radius 300m, centred on	42° 32'.796 S	147° 55'.672 E
	to	42° 32'.817 S	147° 55'.455 E
	thence to	42° 33'.060 S	147° 55'.498 E
	thence an arc, radius 300m, centred on	42° 33'.038 S	147° 55'.716 E
	to	42° 33'.085 S	147° 55'.930 E

Aus 170 (plan, Spring Bay Wharf) [574/2002]

Insert	restricted area limit, with legend <i>Entry Prohibited</i> , commencing at	42° 32'.640 S	147° 55'.735 E
	thence an arc, radius 300m, centred on	42° 32'.796 S	147° 55'.672 E
	to	42° 32'.817 S	147° 55'.455 E
	thence to	42° 33'.060 S	147° 55'.498 E
	thence an arc, radius 300m, centred on	42° 33'.038 S	147° 55'.716 E
	to	42° 33'.117 S	147° 55'.520 E

435* AUSTRALIA - VICTORIA - Port Phillip - Nav aids.

List of Lights Vol K/2003 -- 2332.30
Parks Victoria (A37062, A37063 & A37204).

Aus 155 [208/2003]

Insert	special beacon with topmark	37° 51'.359 S	144° 57'.471 E
		37° 55'.288 S	144° 58'.992 E
	special beacon without topmark	37° 51'.734 S	144° 57'.886 E
	beacon	37° 56'.479 S	144° 59'.753 E
	special spar buoy without topmark	37° 51'.259 S	144° 57'.085 E
		37° 51'.470 S	144° 57'.546 E
		37° 51'.586 S	144° 57'.715 E
		37° 53'.159 S	144° 58'.420 E
		37° 53'.365 S	144° 58'.658 E
		37° 53'.476 S	144° 58'.751 E
		37° 53'.979 S	144° 58'.817 E
		37° 57'.725 S	145° 00'.307 E
		37° 58'.350 S	145° 00'.451 E
		37° 58'.713 S	145° 00'.751 E
	special spherical buoy without topmark	37° 59'.552 S	145° 03'.245 E
		37° 59'.611 S	145° 03'.407 E

Substitute	starboard lateral light beacon, <i>Fl. G. 5s</i> , without topmark, for light	37° 59'.97 S	145° 01'.67 E
	beacon, with triangular topmark and legend <i>YB</i> , for port lateral beacon	37° 59'.48 S	145° 02'.76 E

Move	starboard lateral beacon	37° 51'.38 S	144° 57'.30 E
	to	37° 51'.397 S	144° 57'.257 E
	special beacon	37° 53'.55 S	144° 58'.91 E
	to	37° 53'.659 S	144° 58'.908 E
	special beacon	37° 56'.97 S	144° 59'.74 E
	to	37° 57'.004 S	144° 59'.745 E

Delete	special beacon	37° 58'.69 S	145° 00'.73 E
	special buoy	37° 51'.49 S	144° 57'.50 E
	depth 4m	37° 53'.16 S	144° 58'.42 E
	depth 2 ₇ m	37° 53'.95 S	144° 58'.85 E
	depth 0 ₈ m	37° 58'.30 S	145° 00'.42 E
	depth 1 ₁ m	37° 59'.90 S	145° 01'.67 E

Aus 155 (plan, Sandringham)

Substitute	beacon for starboard lateral beacon	37° 56'.48 S	144° 59'.75 E
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436(T)/2003 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling.

Former Notice - 408(T)/2003 is cancelled

Maritime Safety Queensland Notice 176(T)/2003 (A37164).

Shoaling, least depth *4.1 metres*, exists across the centre line leads (255°) and least depth *3.0 metres*, across the bar clearance leads (291°). Breaking waves are experienced when the sea rises above 1 metre.

Mariners should proceed with caution when transiting the seaway, avoiding the area of shoal water south of the centre line leads, when immediately east of the seaway walls.

Chart temporarily affected – Aus 814.

437(T)/2003 AUSTRALIA - QUEENSLAND - Brisbane River - Inner Bar Reach - Pipeline; mooring buoy relocated.

Former Notice - 411(T)/2001 is cancelled

Maritime Safety Queensland Notice 188(T)/2003 (A37469).

A floating discharge pipeline with buoy, exists between 27° 21'.78 S 153° 10'.50 E and the shoreline. The pipeline is used by the dredge *Brisbane*.

When the pipeline is not in use it is attached to a lit moored barge.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 237.

438(T)/2003 AUSTRALIA - QUEENSLAND - Brisbane River - Upper Lytton Reach – Obstruction; barge and pipeline removed.

Former Notice - 316(T)/2003 is cancelled

Maritime Safety Queensland Notice 187(T)/2003 (A37468).

A mooring, marked by special buoys, exists in position 27° 55'.38 S 153° 07'.93 E.

Chart temporarily affected – Aus 237 – Aus 238

439(T)/2003 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoal; leading lights established.

Former Notice - 379(T)/2003 is cancelled

Maritime Safety Queensland Notice 185(T)/2003 (A37467).

Shoaling remains on the NE side of leads (131.3°) at the entrance to Mooloolah River. The shoal extends from the entrance to approximately 250m NW.

A port lateral light buoy, *Q. R*, has been established in position 26° 40'.87 S 153° 07'.81 E.

Temporary leading lights, bearing 090°, have been established as follows:

26° 40'.883 S 153° 07'.960 E	<i>Q</i>	Front lead
26° 40'.883 S 153° 08'.000 E	<i>Iso 2s</i>	Rear lead

The front leading light (26° 41'.04 S 153° 08'.08 E) is still unlit.

Mariners should use caution when transiting the entrance.

Chart temporarily affected – Aus 235.

440(T)/2003 AUSTRALIA - QUEENSLAND - Peregrine Beach - Scientific instrument eastwards.

Date - Until 6 July 2003

University of Queensland (A37520).

A scientific instrument, marked by a special light buoy *Fl. Y. 3s*, exists in position 26° 29'.78 S 153° 06'.62 E.

Chart temporarily affected – Aus 365.

441(T)/2003 AUSTRALIA - QUEENSLAND - Whitsunday Islands - Langford Reef - Light beacon destroyed; light buoy.

List of Lights Vol K/2003 -- 3066.81

Maritime Safety Queensland Notice 192(T)/2003 (A37528).

The south cardinal light beacon (20° 05'.78 S 148° 52'.65 E) has been destroyed; a south cardinal light buoy, *Q(6)+LFl. 15s*, exists in position 20° 05'.812 S 148° 52'.603 E.

Chart temporarily affected – Aus 252 – Aus 254.

442(T)/2003 AUSTRALIA - QUEENSLAND - Cooktown - Light beacon destroyed; light buoy unlit.

List of Lights Vol K/2003 -- 3207.60

Maritime Safety Queensland Notice 184(T)/2003 (A37230).

No1 starboard lateral light beacon (15° 27'.22 S 145° 15'.33 E) has been destroyed.

No6 port lateral light buoy (15° 27'.47 S 145° 15'.09 E) is unlit.

Chart temporarily affected – Aus 270 - AU5270P6.

443(T)/2003 WESTERN AUSTRALIA - Fremantle - Dredging.

Date - Until 8 July 2003

Fremantle Port Authority Notice 5/2003 (A37327).

Dredge *TSD Pelican* is operating in Success Channel and the Inner Harbour.

A floating pipeline, 75 metres in length, exists in position 32° 02'.53 S 115° 44'.25 E and is marked mid length by a light buoy, Q. Y.

The buoy is secured by 3 anchors, marked by unlit buoys, set at a radius of 150m.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 112 – Aus 113 – Aus 114 – Aus 117 – AX 70117.

444(T)/2003 WESTERN AUSTRALIA - Bunbury - Obstruction.

Bunbury Port Authority (A36869).

An obstruction exists in position 33° 17'.25 S 115° 36'.12 E.

Chart temporarily affected – Aus 115.

445(T)/2003 AUSTRALIA - BASS STRAIT - Stanley to Inverloch - Seabed survey completed.

Former Notice - 88(T)/2003 is cancelled

EGS (Asia) Ltd (A37546).

Cancel this notice on receipt

Chart formerly affected – Aus 350 – Aus 353 – Aus 422 – Aus 445B – Aus 790 – Aus 801

446(T)/2003 AUSTRALIA - VICTORIA - Port Phillip - Port of Geelong - Corio Channel - Light beacon re-established in position.

Former Notice - 90(T)/2003 is cancelled

List of Lights Vol K/2003 -- 2300.00

Victorian Notice 28/2003 (A37326).

Cancel this notice on receipt.

Chart formerly affected – Aus 157

447(T)/2003 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne and Geelong - Depth information.

Former Notice - 300(T)/2003 is cancelled

Victorian Channels Authority (A37325).

Available depths as at 1 June 2003:

<i>Berth</i>	<i>Metres</i>
No 4 East Webb Dock	12.1
Yarraville 6	8.1
Bulk Grain Pier 1	9.5
Bulk Grain Pier 2	11.3
Point Wilson Jetty North	8.6

*Indicates new or revised entry.

Chart temporarily affected – Aus 154 – Aus 157.

II

AMENDMENTS TO ADMIRALTY LIST OF LIGHT AND FOG SIGNALS VOLUME K 2003/04

Edition No 13 dated 27 June 2003.

Last Amendment: Edition No 12 dated 13 June 2003

0879	- Tg Pinanginang	2 30.1 99 59.5	Fl W 5s	12	11	...	<i>fl 0.9. TE 2003</i>	
								*
2424.3	- Fairway	38 30.2 145 05.4	Iso W 2s	...	...	Red ○ on red and white striped pillar buoy	Racon	
								*
2708.73	---	33 32.4 151 08.7	Q(3) W 10s	...	...	⬇ on black beacon, yellow band		
		*				*		
2708.83	---	33 35.3 151 07.1	Fl R 3s					
*	*	*	*	*	*	*		*
2709.4	-- Spencer	33 27.7 151 09.0	Q(3) W 10s	...	...	⬇ on black beacon, yellow band		
						*		*
2709.47	--	33 27.5 151 09.0	Fl G 3s					
*	*	*	*	*	*	*		*
2709.48	--	33 27.5 151 08.9	Fl R 3s					
*	*	*	*	*	*	*		*
2771 Remove from List								
2775.5	--Witts Island	32 40.6 152 09.5	Fl R 3s	...	...	Red □ on beacon		
*	*	*	*	*	*	*		*
2775.55	---	32 41.0 152 07.0	Fl R 3s	...	...	Red □ on beacon		
*	*	*	*	*	*	*		*
2862.8	- E 5	27 13.9 153 19.9	VQ(3) W 5s	...	...	Black beacon, yellow band	QG(T) 2003. Starboard lateral light buoy VQ G, remains SE until construction is complete (T) 2003	
		*						*
2978.1	-- Turtle Island. Rear 1.56M from front	23 48.0 151 15.9	Iso W 2s	16	...	White round tower 2		
	----	...	By day F W	...	...	...	Occas	
			*					*
2987.805	- Parsons Point. N	23 51.1 151 17.8	Fl R 3s					
*	*	*	*	*	*	*		*
2989.9	- Targinie Channel. Ldg Lts 113.6°. Front	23 48.9 151 14.9	Q W	...	...	△ on black and yellow beacon		
	----	...	Fl Y 2.5s	...	...	Orange □, yellow stripe		
	*		*					
2989.91	--- Rear. 0.8M from front	23 49.2 151 15.6	Iso W 2s	...	...	Black and yellow beacon		
	----	...	Fl(2)W 6s					
			*					

Volume K *continued*

3362-5	- Pulau Agusta. E end	0 38-8 130 34-8	Fl W 5s	22	15	White concrete tower	<i>fl 0-5. TE 2003</i>
							*
3590-9	<i>Remove from List</i>						
3591	Sidmouth	41 12-8 146 54-4	F W	...	...	White tower	
	*						
3591-1	- Ldg Lts 304-9°. Rear. 275m from front	41 12-7 146 54-3	F W	...	...	White tower	
	*						
3601-3	-- Dick Davey Shoal. Dir Lt 014°	40 13-8 148 16-9	Oc WRG 3s	...	W 6 R 4 G 4	...	<i>ec 1. G215°-008°(153°), W008°-017°(9°), R017°-087°(70°). 2 unlit orange beacons with △, 60m from rear</i>
			*				*
3601-35	- Franklin Sound	40 15-2 148 13-3	Fl R 3s	...	2	Red beacon	
*	*	*	*	*	*	*	*
4066-2	Ohau Point (MSA)	41 14-6 174 38-7	Fl(2) W 15s	104	8	White metal tower 4	<i>fl 1, ec 2, fl 1, ec 11. Vis 094°-shore</i>
							*
4784-5	- Pointe Méanh. Ldg Lts 288°. Front	21 28-2 166 03-2	Fl(3) W 12s	...	9	Beacon	<i>(fl 1, ec 1-5) x 2, fl 1, ec 6. TE 2003</i>
							*
4784-51	--- Rear. 1150m from front	21 28-0 166 02-6	Fl(3) W 12s	...	9	Beacon	<i>(fl 1, ec 1-5) x 2, fl 1, ec 6. Synchronized with front. TE 2003</i>
							*
4784-63	Cape Dumoulin northwards. Approaches to Baie de Canala	21 23-5 165 56-6	Q(6)+LFl W 15s	...	...	▽ on black beacon, yellow top	TE 2003
							*
4785-6	- Recif Maronu. N end. Passes de Houailou	21 09-4 165 44-8	VQ(9) W 10s	...	5	▽ on yellow buoyant beacon, black band	Ra refl. TE 2003
							*
4788-6	- Grande Recife Mathieu. N end	20 45-2 164 14-1	Q W	6	5	△ on yellow buoyant beacon, black top	TE 2003
						*	*
4788-65	-	20 44-9 164 15-6	Fl R 4s	6	4	□ on red buoyant beacon	<i>fl 1. TE 2003</i>
							*
4789	Récif de l'Infernet. SE Head	20 37-8 164 15-1	Q R	4	2	Green △ on green beacon	Missing (T) 2003
							*
4790	Cape Puareti	22 06-0 166 55-6	Fl(4)W15s	90	24	Grey pylon 18	Vis 148°-328°(180°). TE 2003
							*
4966-701	- Chenal de Pueu	17 44-1 149 13-7	Q W	3	3	△ on yellow beacon, black top	
						5	
*	*	*	*	*	*	*	*

Volume K *continued*

4966-702 --	17 44-1 149 13-3	Q R	2	3	Red □ on red beacon 4	
* *	*	*	*	*	*	*
4966-703 --	17 44-3 149 13-1	Fl R 2-5s	2	3	Red □ on red beacon 4	<i>fl 0-5</i>
* *	*	*	*	*	*	*
4966-704 --	17 44-3 149 13-0	Fl G 2-5s	2	3	Green △ on green beacon 4	<i>fl 0-5</i>
* *	*	*	*	*	*	*
4967-5 - Reiono Island	17 03-2 149 32-7	Fl(2) W 10s	15	15	White pylon, red top 15	
						*
4969-45 <i>Remove from List</i>						
4982 - Pointe Te turi roa	16 32-8 151 47-2	Fl W 5s	13	15	White pylon 13	Vis 270°-225°(315°)
* *		*		*	*	*
4983-118 - Chenal à l'Ouest	16 31-8 151 46-3	Iso R 2s	3	3	Red □ on red beacon 7	
* *	*	*	*	*	*	*
4983-121 --	16 31-7 151 46-4	Iso G 2s	3	3	Green △ on green beacon 8	
* *	*	*	*	*	*	*
4983-124 --	16 31-2 151 46-2	Fl R 2-5s	3	3	Red □ on red beacon 5	
* *	*	*	*	*	*	*
4983-127 --	16 30-9 151 46-0	Q R	2	3	Red □ on red beacon 4	
* *	*	*	*	*	*	*
4983-13 --	16 30-9 151 46-2	Q G	2	3	Green △ on green beacon 5	
* *	*	*	*	*	*	*
4983-133 --	16 30-7 151 46-0	VQ(9) W 10s	2	3	∇ on yellow beacon, black band 5	
* *	*	*	*	*	*	*
4983-136 --	16 30-6 151 46-2	Fl G 2-5s	2	3	Green △ on green beacon 5	<i>fl 0-5</i>
* *	*	*	*	*	*	*
4983-139 --	16 30-5 151 46-1	Fl R 2-5s	2	3	Red □ on red beacon 4	<i>fl 0-5</i>
* *	*	*	*	*	*	*
4983-142 --	16 30-4 151 46-2	Q R	2	3	Red □ on red beacon 4	
* *	*	*	*	*	*	*
4983-147 --	16 30-0 151 46-1	VQ(9) W 10s	3	5	∇ on yellow beacon, black band 8	
* *	*	*	*	*	*	*

Volume K *continued*

4983-17	--	16 32-0 151 45-7	Q R	3	3	Red  on red beacon 5	
			*	*	*	*	
4983-3	- Chenal au Nord et à l'Est	16 28-2 151 45-8	Q G	3	4	Green  on green beacon 5	
*	*	*	*	*	*	*	*
4983-35	<i>Remove from List</i>						
4983-55	-- Pointe Tahiti	16 27-8 151 44-6	Fl R 2-5s	3	5	Red  on red beacon 6	<i>fl 0.5</i>
*	*	*	*	*	*	*	*
4983-6	--	16 27-9 151 43-9	Q(6)+LFl W 15s	3	5	 on black beacon, yellow top 7	
*	*	*	*	*	*	*	*
4983-7	--	16 27-9 151 43-7	Fl R 4s	3	3	Red  on red beacon 7	<i>fl 1</i>
*	*	*	*	*	*	*	*
4983-72	--	16 28-2 151 42-9	Q W	4	3	 on yellow beacon, black top 6	
*	*	*	*	*	*	*	*
4983-73	--	16 28-4 151 42-8	Q R	2	3	Red  on red beacon 5	
*	*	*	*	*	*	*	*
4983-74	--	16 28-6 151 42-8	VQ(3) W 5s	2	3	 on black beacon, yellow band 5	
			*	*	*		*
4983-794	--	16 28-9 151 42-8	Fl R 2-5s	2	3	Red  on red beacon 6	<i>fl 0.5</i>
*	*	*	*	*	*	*	*
4983-798	--	16 28-9 151 42-8	Q(9) W 15s	2	3	 on yellow beacon, black band 5	
*	*	*	*	*	*	*	*
4984-1	--	16 29-8 151 42-4	VQ(9) W 10s	3	5	 on yellow beacon, black band 7	
*	*	*	*	*	*	*	*
4984-15	-- Pointe Otupiti	16 30-2 151 43-0	VQ(3) W 5s	3	5	 on black beacon, yellow band 6	
*	*	*	*	*	*	*	*
4984-3	<i>Remove from List</i>						
4984-35	-- Pointe Paoaoa	16 31-8 151 42-9	Fl R 4s	4	3	Red  on red beacon 7	<i>fl 1</i>
*	*	*	*	*	*	*	*
4984-38	-- Pointe Taurere	16 32-1 151 43-6	Fl G 2-5s	3	5	Green  on green beacon 6	<i>fl 0.5</i>
*	*	*	*	*	*	*	*

Volume K *continued*

4984-4 *Remove from List*

5001-28	- Oreihara.W	16 16-0 145 32-9	Fl R 2-5s	4	2	Red □ on red beacon 6	<i>fl 0-5</i>	*
5006-7	- Pointe Kureru. Ldg Lts 005°06'. Front	23 05-9 134 57-1	Fl G 4s	6	6	White □ on white column on concrete base 7	<i>fl 1.</i> Unreliable (T) 2003	*

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 13 June 2003. 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

- 163 NW Coast. Drill rig *Sedco 703* in position 19° 21'.0 S 116° 23'.8 E. 2.5M clearance requested.
- 164 NW Coast. Seismic survey vessel *Geco Emerald* towing cable 3M in length in area 14° 15' S to 14° 27' S and 120° 34' E to 120° 54' E.
- 165 NW Coast. Caldbeck Reef light K3282 (10° 06'.0 S 143° 09'.0 E) unlit.
- 166 Cancelled.
- 167 Cancelled.
- 168 NW Coast. Drill rig *Glomar Jack Ryan* in position 19° 49'.2 S 114° 35'.0 E. 2.5M clearance requested.
- 169 NW Coast. Drill rig *Atwood Falcon* in position 21° 29'.5 S 113° 49'.3 E. 2.5M clearance requested.
- 170 NW Coast. Drill rig *Ensco 56* in position 19° 53'.8 S 116° 27'.3 E. 2.5M clearance requested.
- 171 NE Coast. Isolated danger light buoy (19° 18'.2 S 147° 37'.3 E) unlit.
- 172 NW Coast. Port Hedland 2E light buoy (20° 03'.2 S 118° 32'.7 E) unlit.
- 173 NW Coast. Port Walcott Tessa Shoals south cardinal light buoy (20° 30'.5 S 117° 21'.6 E) unlit.

NAVAREA X WARNINGS

- 019 Cancelled.

Navigational warnings in force as at 120001UTC JUNE 03.

Auscoast

066 110 112 114 119 121 125 136 141 157 158 159 160 161 162 163 164 165 168 169 170 171 172 173.

Navarea X

005 008 013 014 015 018.

Summary of mobile drilling rigs as at 120001UTC JUNE 03.

<i>Name</i>	<i>Position</i>
Ocean Bounty	11° 44'.4 S 125° 04'.9 E
Sedco 703	19° 21'.0 S 116° 23'.8 E
Ensco 56	19° 53'.8 S 116° 27'.3 E
Glomar Jack Ryan	19° 49'.2 S 114° 35'.0 E
Atwood Falcon	21° 29'.5 S 113° 49'.3 E

NAVAREA XIV WARNINGS

- 071 Cancelled.
- 072 Cancelled.
- 073 Cancelled.

Navarea XIV warnings in force as at 120001UTC JUNE 03.

Nil.

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
WA- Barrow Island	Infrastructure	Straits Resources	R Downham
CHART- Aus 125	Magnetic variation		L Gryczewski
NSW- Cape Hawke Harbour	Lights	RVCP	

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2003

Edition No 13 dated 27 June 2003

VOLUME 2, NP 282, 2003/04

Published BA Wk 11/03

(Last Amendments: Edition No 12 dated 13 June 2003)

RADAR BEACONS

Page 107, **ECUADOR** section, insert:

Archipiélago de Colón (Galapagos Islands) 2°10'.10S 90°54'.85W **91755**
Sea Lt Buoy Racon

L

Ecuadorian Notice 3/8/03 Ad22/03

DIFFERENTIAL GPS (DGPS)

BEACONS TRANSMITTING DGPS CORRECTIONS

Page 164, **AUSTRALIA**, Exmouth, delete entry and replace by

Exmouth	21°53'.06S 114°08'.04E	297	200	015	715	200		Operational	3 5 7 9 16
---------	---------------------------	-----	-----	-----	-----	-----	--	-------------	------------

Pages 164 and 165, Albany, Brisbane, Cape Flattery, Cape Schanck, Corny Point, Gladstone, Horn Island, Ingham, Karratha, Mackay, Perth, Sydney, Weipa, in **Transmitted Message Types** column, delete: 6

Royal Australian Navy ATH 2003/25 Ad23/03

Page 170, **INDIA (NICOBAR IS)**, before Keating Point Lt, insert station:

Indira Point Lt	6°45'.21N 93°49'.61E							On trial	
-----------------	-------------------------	--	--	--	--	--	--	----------	--

Indian Correction to List of Radio Signals 9/03 Ad22/03

Page 172, after **LITHUANIA** section insert:

MALAYSIA, PENINSULAR									
Kuantan	3°48'.91N 103°20'.21E	297	200	827 828	546	135	Yes	Operational	3 5 6 7 9 16
Lumut	4°15'.08N 100°39'.64E	298	200	825 826	545	135	Yes	Operational	3 5 6 7 9 16

Marine Department Peninsular Notice 14/03 Ad23/03

(Last Amendments: Edition No 12 dated 13 June 2003)

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGSPage 58, **AUSTRALIA, VMW Australia Weather West (Wiluna)**, frequency table, insert line:

	12362	RT (HF)		H24
--	-------	---------	--	-----

Bureau of Meteorology Ad22/03

Pages 87 and 88, **CANADA (Great Lakes), Thunder Bay (Canadian Coast Guard)**, delete station and replace by:

Thunder Bay (Canadian Coast Guard)				
Great Lakes				
A	Ch 83B	VHF	Bald Head	47°40'N 84°48'W
	Ch 21B		Horn	48°49'N 87°21'W
			Sault Ste Marie	46°32'N 84°35'W
Ch 83B	Thunder Bay		48°26'N 89°18'W	
B	Ch 21B		Killarney ¹	45°58'N 81°29'W
	Ch 83B		Meaford	44°31'N 80°34'W
	Ch 21B		Pointe au Baril	45°34'N 80°19'W
	Ch 83B		Silver Water	45°54'N 82°55'W
	Ch 21B		Tobermory	45°10'N 81°30'W
Hudson Bay				
C	2582	RT (MF)	Churchill ²	58°46'N 93°57'W
	Ch 26	VHF		
(1) Operational 1 April - 31 December (2) Operational only during the navigation season 1 July - 31 October approximately				
NOTE: When continuous broadcasts are not in service, scheduled broadcasts will be made at Traffic List times (see ALRS 1(2))				
DIAGRAMS: pages 89, 90 and 287				

Weather Bulletins		Navigational Warnings	
A: Continuous broadcast (West)	Weather forecasts (MAFOR) for Areas 405-408 Great LAKes WEather Bulletin (LAWEB) broadcast for reporting points from Duluth (Lake Superior) to Detour Reef (Lake Huron) Ships' Weather Reports	A: Continuous broadcast (West)	Notices to Shipping for Lake Superior and the S. Mary's River Water levels for Lakes Superior and Huron Ice hazard bulletin for Lakes Superior and Huron
B: Continuous broadcast (East)	Weather forecasts (MAFOR) for Areas 405-408 Small craft forecast for the North Channel (15 May to 31 October) Great LAKes WEather Bulletin (LAWEB) broadcast for reporting points from Sault Ste Marie to Sarnia and Georgian Bay Ships' Weather Reports	B: Continuous broadcast (East)	Notices to Shipping for Lake Huron north of latitude 44°N, Georgian Bay (including Port Severn Lock), North Channel and the S. Mary's River Water levels for Lakes Superior and Huron Ice hazard bulletin for Lakes Superior and Huron
C: 0040 1410	Weather synopsis and forecast for Areas 157, 158, 162 and 163, other areas on request	C: 0040 1410	Notices to Shipping for waters south of 70°N between 75°W and 96°W including James Bay, Hudson Bay and Foxe Basin
		C: 0040 1520	Ice forecasts for Hudson Bay route (Area 514)

Radio Aids to Marine Navigation 2003, Canadian Coast Guard Ad23/03

Page 130, **ÎLES DE LA SOCIÉTÉ (France), Radio Tahiti (Radio-France Outre-mer (RFO))**, delete station and replace by:

Radio Tahiti (Radio-France Outre-mer (RFO))				
	738	AM		
	89.0-91.8 MHz	FM		
DIAGRAM: page 131				
Weather Bulletins		Navigational Warnings		
0555 0655 0757 1030 1755 LT (Mon to Fri) 0745 1825 LT (Sat and Sun)	Forecast for the archipelago for fishing vessels and pleasure craft in the triangle Tahiti-Maupiti-Manihi, in French and Tahitian			

French Notice 17/03 Ad22/03

Page 149, **MARTINIQUE (France), CROSS AG (CROSS Antilles-Guyane/MRCC Fort-de-France), Weather Bulletins** table, line 1, first column, delete and replace by:

A:	Every even H+00
B-I:	Every H+00
J:	Every H+30

French Notice 17/03 Ad22/03

Page 162, **NOUVELLE-CALÉDONIE (France), Nouvelle-Calédonie Radio (Radio-France Outre-mer (RFO))**, delete station and replace by:

RNC (Radio Nouvelle-Calédonie) (Radio-France Outre-mer (RFO))				
	666	AM		
	88-91.5 MHz	FM		
Weather Bulletins		Navigational Warnings		
A: On receipt	Cyclone warnings			
B: 0615 1858 LT	General situation for SW Pacific. 18 hour wind forecast for a 300 n mile zone from the coast of Nouvelle-Calédonie and Vanuatu			

French Notice 17/03 Ad22/03

Page 172, **SAINT-PIERRE AND MIQUELON (France), Radio Saint-Pierre (Radio-France Outre-mer (RFO))**, delete **Weather Bulletins** table and replace by:

Weather Bulletins	
0750 0850 1215 1850 LT	Synopsis and 24 hour forecast for Saint-Pierre and Miquelon, South and South West coasts of Newfoundland and Banquereau in French

French Notice 17/03 Ad22/03

V
VOLUME 5, NP 285, 2002/03
Published BA Wk 23-24/02

(Last Amendments: Edition No 10 dated 16 May 2003)

THE 2003/04 EDITION OF THIS VOLUME HAS NOW BEEN PUBLISHED
THE 2002/03 EDITION IS CANCELLED

VOLUME 5, NP 285, 2003/04
Published BA Wk 23/03

Notices accrued while this volume was in the press, from BA Week 12/03 to Week 22/03 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 23/03. The first Weekly Notice to Mariners was issued in week 23/03

UKHO Ad23/03

Page 34, **Chapter 3: COMMUNICATIONS SYSTEMS FOR USE IN THE GLOBAL SYSTEM**, L-BAND
SATELLITE EPIRBs, line 4, Raisting (Germany), delete and replace by: Aussaguel (France)

Line 5, Niles Canyon, delete and replace by: Santa Paula and Southbury

Inmarsat Ad23/03

Page 41, **POINTS OF CONTACT FOR COSPAS-SARSAT 406 MHz BEACON REGISTRATION table**, Malta, delete section and replace by:

Malta	Department of Wireless Telegraphy Ministry for Transport and Communications 1st Floor, Evans Building Merchants Street Valletta CMR 02 Malta	+356 21 247224-8 +356 21 243925		+356 21 232728 +356 21 247229
		wtd.marine@gov.mt		

Department of Wireless Telegraphy Ad23/03

Page 79, **Chapter 9: VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1, Canarias, Islas (Spain)**, delete station and replace by:

Canarias, Islas (Spain)

Tenerife (CCR)	002241025		Operational
Remotely controlled stations:			
Arrecife	29°08'N, 13°31'W	35	(MRCC Las Palmas)
Fuerteventura	28°33'N, 13°55'W	35	(MRCC Las Palmas)
Gomera	28°06'N, 17°06'W	35	(MRCC Las Palmas)
Hierro	27°48'N, 17°55'W	35	(MRCC Tenerife)
La Palma	28°39'N, 17°50'W	35	(MRCC Tenerife)
Las Palmas	27°58'N, 15°33'W	35	(MRCC Las Palmas)
Tenerife	28°27'N, 16°23'W	35	(MRCC Tenerife)

Note: The primary responsibility for the receipt of VHF DSC distress alerts for Islas Canarias, is carried out via the Coast Radio Station above.
The following list of facilities maintained at MRCCs Las Palmas and Tenerife are only complementary to the Coast Radio Stations network.

MRCC Las Palmas	002240995		Operational (MRCC Las Palmas)
Remotely controlled stations:-			
La Isleta	28°10'N, 15°25'W	30	
Las Palmas	28°09'N, 15°25'W	30	
MRCC Tenerife	002241007	28°29'N, 16°14'W	30 Operational (MRCC Tenerife)

Servicio de Inspección Radiomarítima and MRCC Madrid Ad23/03

Page 82, **Croatia**, line 19, MRSC Zadar, column (5), delete Planned and replace by: Operational (MRSC Zadar)

Line 21, MRSC Šibenik, column (5), delete Planned and replace by: Operational (MRSC Šibenik)

MRCC Rijeka Ad23/03

Page 93, **Israel (Gulf of Aqaba)**, delete section and replace by:

Israel (Gulf of Aqaba)

Hefa (Haifa)	004280001		Operational (Hefa Radio)
Remotely controlled station:-			
Elat	29°30'N, 34°58'E	50	

Hefa Radio Ad23/03

Israel (Mediterranean Coast), Hefa (Haifa), column (5), delete Operational (MRCC Israel) and replace by: Operational (Hefa Radio)

Hefa Radio Ad23/03

Page 103, **Russia (Arctic Coast)**, Arkhangel'sk, delete station and replace by:

Arkhangel'sk	002734414	64°32'N, 40°32'E	25-6	Operational (MRSC Arkhangel'sk)
Remotely controlled station:-				
Mudyug		64°51'N, 40°17'E	24-5	

Ministry of Transport, Maritime Administration Ad23/03

Page 104, **Russia (Pacific Coast)**, Petropavlovsk-Kamchatskiy, delete station and replace by:

Petropavlovsk-Kamchatskiy	002734418	52°59'N, 159°38'E	1	On Trial (MRSC Pet'-Kamchatskiy)
(1) Avachinskaya Guba				

Ministry of Transport, Maritime Administration Ad23/03

Pages 106, 107 & 108, **Spain (Mediterranean Coast), Spain (North Coast) and Spain (South Coast)** delete sections and replace by:

Spain (Mediterranean Coast)

Málaga (CCR)	002241023			Operational
Remotely controlled stations:-				
Cabo Gata		36°43'N, 2°10'W	35	(MRCC Almería)
Málaga		36°36'N, 4°36'W	35	(MRCC Tarifa)
Melilla		35°19'N, 2°57'W	35	(MRCC Almería)
Motril		36°53'N, 2°48'W	35	(MRCC Almería)
Valencia (CCR)	002241024			Operational
Remotely controlled stations:-				
Alicante		38°20'N, 0°42'W	35	(MRCC Valencia)
Bagur		41°57'N, 3°14'E	35	(MRCC Barcelona)
Barcelona		41°25'N, 2°07'E	35	(MRCC Barcelona)
Cabo la Nao		38°43'N, 0°10'E	35	(MRCC Valencia)
Cartagena		37°35'N, 0°58'W	35	(MRSC Cartagena)
Castellón		39°52'N, 0°19'W	35	(MRCC Valencia)
Ibiza		38°55'N, 1°16'E	35	(MRCC Palma)
Menorca		39°59'N, 4°07'E	35	(MRCC Palma)
Palma de Mallorca		39°44'N, 2°43'E	35	(MRCC Palma)
Tarragona		41°21'N, 1°32'E	35	(MRSC Tarragona)

Note: The primary responsibility for the receipt of VHF DSC distress alerts for Spain is carried out via the Coast Radio Stations above.
The following list of facilities maintained at various MRCCs and MRSCs are only complementary to the Coast Radio Stations network.

MRCC Almería	002241002			Operational (MRCC Almería)
Remotely controlled stations:-				
Almería		36°50'N, 2°29'W	30	
Cabo Gata		36°43'N, 2°11'W	30	
MRSC Cartagena	002241003	37°35'N, 0°58'W	30	Operational (MRSC Cartagena)
MRSC Castellón	002241016	39°58'N, 0°01'E	30	Operational (MRSC Castellón)
MRCC Valencia	002241004	39°27'N, 0°20'W	30	Operational (MRCC Valencia)
MRCC Barcelona	002240991	41°20'N, 2°09'E	40	Operational (MRCC Barcelona)
MRSC Tarragona	002241006	41°06'N, 1°14'E	30	Operational (MRSC Tarragona)

Spain (North Coast)

Bilbao (CCR)	002241021			Operational (MRCC Bilbao)
Remotely controlled stations:-				
Bilbao		43°16'N, 3°02'W	35	
Cabo Peñas		43°26'N, 5°35'W	35	
Navia		43°25'N, 6°50'W	35	
Pasajes		43°17'N, 1°55'W	35	
Santander		43°25'N, 3°36'W	35	
Coruña (CCR)	002241022			Operational
Remotely controlled stations:-				
Cabo Ortegal		43°35'N, 7°47'W	35	(MRCC Finisterre)
Coruña		43°10'N, 8°18'W	35	(MRSC Coruña)
Finisterre		42°55'N, 9°17'W	35	(MRCC Finisterre)

(Continued on next page)

V

La Guardia	41°53'N, 8°52'W	35	(MRCC Finisterre)
Vigo	42°10'N, 8°41'W	35	(MRSC Vigo)

Note: The primary responsibility for the receipt of VHF DSC distress alerts for Spain is carried out via the Coast Radio Stations above.
The following list of facilities maintained at various MRCCs and MRSCs are only complementary to the Coast Radio Stations network.

MRCC Bilbao	002240996	43°21'N, 3°02'W	30	Operational (MRCC Bilbao)
MRSC Coruña	002240992			Operational (MRSC Coruña)
Remotely controlled stations:-				
Cabo Prioriño Chico		43°28'N, 8°20'W	30	
Coruña		43°22'N, 8°23'W	30	
MRCC Finisterre	002240993			Operational (MRCC Finisterre)
Remotely controlled stations:-				
Finisterre		42°42'N, 8°59'W	40	
Monte Beo		43°20'N, 8°50'W	40	
Monte Taume		43°36'N, 9°03'W	40	
Monte Xastas		43°02'N, 9°16'W	40	
MRCC Gijón	002240997	43°34'N, 5°42'W	30	Operational (MRCC Gijón)
MRSC Santander	002241009	43°28'N, 3°43'W	30	Operational (MRSC Santander)
MRSC Vigo	002240998	42°14'N, 8°43'W	30	Operational (MRSC Vigo)

Spain (South Coast)

Málaga (CCR)	002241023			Operational
Remotely controlled stations:-				
Cádiz		36°32'N, 6°18'W	35	(MRSC Cádiz)
Huelva		37°13'N, 7°07'W	35	(MRSC Huelva)
Tarifa		36°03'N, 5°33'W	35	(MRCC Tarifa)

Note: The primary responsibility for the receipt of VHF DSC distress alerts for Spain is carried out via the Coast Radio Station above.
The following list of facilities maintained at various MRCCs and MRSCs are only complementary to the Coast Radio Stations network.

MRSC Algeciras	002241001	36°07'N, 5°26'W	30	Operational (MRSC Algeciras)
MRSC Cádiz	002241011	36°32'N, 6°18'W	30	Operational (MRSC Cádiz)
MRSC Huelva	002241012	37°14'N, 6°57'W	30	Operational (MRSC Huelva)
MRCC Tarifa	002240994			Operational (MRCC Tarifa)
Remotely controlled stations:-				
Cape Trafalgar		36°12'N, 6°01'W	30	
Punta Almina		35°54'N, 5°17'W	30	
Tarifa		36°01'N, 5°35'W	30	

gServicio de Inspección Radiomarítima and MRCC Madrid Ad23/03

Page 119, **Chapter 10: MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2, Canarias, Islas (Spain)**, delete section and replace by:

Canarias, Islas (Spain)

Las Palmas (CCR)	002241026			Operational (MRCC Las Palmas)
Remotely controlled stations:-				
Arrecife		29°08'N, 13°31'W	150	
Las Palmas		27°45'N, 15°36'W	150	
Tenerife		28°25'N, 16°20'W	150	

Note: The primary responsibility for the receipt of MF DSC distress alerts for Islas Canarias, is carried out via the Coast Radio Station above.
The following list of facilities maintained at MRCCs Las Palma and Tenerife are only complementary to the Coast Radio Station network.

MRCC Las Palmas	002240995	28°09'N, 15°25'W	150	Operational (MRCC Las Palmas)
MRCC Tenerife	002241007	28°29'N, 16°14'W	150	Operational (MRCC Tenerife)

Servicio de Inspección Radiomarítima and MRCC Madrid Ad23/03

Page 134, **Russia (Arctic Coast)**, Arkhangel'sk, delete station and replace by:

Arkhangel'sk	002734414	64°21'N, 40°37'E	1	Operational (MRSC Arkhangel'sk)
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Ministry of Transport, Maritime Administration Ad23/03

Page 136, **Spain (Mediterranean Coast)**, **Spain (North Coast)** and **Spain (South Coast)**, delete sections and replace by:

Spain (Mediterranean Coast)

Málaga (CCR)	002241023			Operational (MRCC Tarifa)
Remotely controlled stations:-				
Chipiona		36°41'N, 6°24'W	150	
Valencia (CCR)	002241024			Operational
Remotely controlled stations:-				
Bagur		42°17'N, 3°15'E	NI	(MRCC Barcelona)
Cabo la Nao		38°43'N, 0°10'W	150	(MRCC Valencia)
Cabo de Gata		36°43'N, 2°12'W	150	(MRCC Almería)
Palma		39°21'N, 2°59'W	150	(MRCC Palma)

Note: The primary responsibility for the receipt of MF DSC distress alerts for Spain is carried out via the Coast Radio Stations above.
The following list of facilities maintained at various MRCCs and MRSCs are only complementary to the Coast Radio Stations network.

MRCC Almería	002241002	36°50'N, 2°29'W	150	Operational (MRCC Tarifa)
MRCC Barcelona	002240991	41°20'N, 2°09'E	150	Operational (MRCC Barcelona)
MRCC Valencia	002241004	39°27'N, 0°20'W	150	Operational (MRCC Valencia)

Spain (North Coast)

Bilbao (CCR)	002241021			Operational
Remotely controlled stations:-				
Cabo Peñas		43°39'N, 5°51'W	150	(MRCC Gijón)
Machichaco		43°27'N, 2°45'W	150	(MRCC Bilbao)
Coruña (CCR)	002241022			Operational
Remotely controlled stations:-				
Coruña		43°22'N, 8°27'W	150	(MRCC Coruña)
Finisterre		42°54'N, 9°16'W	150	(MRCC Finisterre)

Note: The primary responsibility for the receipt of MF DSC distress alerts for Spain is carried out via the Coast Radio Stations above.
The following list of facilities maintained at various MRCCs and MRSCs are only complementary to the Coast Radio Stations network.

MRCC Bilbao	002240996	43°21'N, 3°02'W	150	Operational (MRCC Bilbao)
MRCC Finisterre	002240993	42°42'N, 8°59'W	150	Operational (MRCC Finisterre)
MRCC Gijón	002240997	43°34'N, 5°42'W	150	Operational (MRCC Gijón)

Spain (South Coast)

Málaga (CCR)	002241023			Operational (MRCC Tarifa)
Remotely controlled station:-				
Conil		36°17'N, 6°05'W	NI	
Tarifa		36°03'N, 5°33'W	150	

Note: The primary responsibility for the receipt of MF DSC distress alerts for Spain is carried out via the Coast Radio Stations above.
The following facility maintained at MRCC Tarifa is only complementary to the Coast Radio Stations network.

MRCC Tarifa	002240994	36°01'N, 5°35'W	150	Operational (MRCC Tarifa)
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Servicio de Inspección Radiomarítima and MRCC Madrid Ad23/03

Page 147, **Diagram R6-A**, insert VHF DSC limit in red, radius 25 n miles from position 46°40'N, 37°45'E

Ministry of Transport, Maritime Administration Ad23/03

Page 160, **Diagram R16-A**, position 52°59'N, 158°39'E, delete ○ Petropavlovsk-Kamchatskiy, and replace by:

- Petropavlovsk-Kamchatskiy
002734418

Insert VHF DSC limit in red, radius 25 n miles from position 52°59'N, 158°39'E

Ministry of Transport, Maritime Administration Ad23/03

Page 171, **Chapter 11: HF DSC, LIST OF COAST STATIONS FOR SEA AREAS A3 AND A4, Spain**
delete section and replace:

Spain

Madrid Radio (CCR) 002241078 8 & 12 MHz Operational (MRCC Madrid)

Note: The primary responsibility for the receipt of HF DSC distress alerts for Spain is carried out via Madrid Radio.
The following facility maintained at MRCC Madrid is only complementary to the Coast Radio Stations network.

MRCC Madrid 002241008 8 & 12 MHz Operational (MRCC Madrid)

Servicio de Inspección Radiomárítima and MRCC Madrid Ad23/03

Page 213, **Chapter 15: SAFETYNET, EGC SAFETYNET SYSTEM**, Transmission schedule for full GMDSS service table, **NAV information**, South Africa, **Times (UTC)** column, delete 0940, 1940 (AOR-E) and replace by: 1940 (AOR-E & IOR)

Cape Town Radio Ad23/03

Page 221, **Figure SN-7** title, line 2, **NAV information:** delete 0940, 1940 (AOR-E) and replace by: 1940 (AOR-E & IOR)

Cape Town Radio Ad23/03

Page 261, **Chapter 16: STATIONS WITH OPERATIONAL NAVTEX FACILITIES, EGYPT (Mediterranean Coast)**, **El Iskandariya (Alexandria) [N]**, delete station and replace:

El Iskandariya (Alexandria) [N]

TELEPHONE: +20 34 801226, 4809500 31°12'N 29°54'E
& 4810202

FAX: +20 34 810201 Diagram X2

TELEX: 91 55544 SUH UN

MMSI: 006221111

NAVTEX [N]

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0210		●
0610		●
1010	●	●
1410		●
1810		●
2210	●	●

Ports & Lighthouse Administration Ad23/03

Page 268, **MALTA**, delete lines 1 to 5, **Malta [O]** to **NAVTEX [O]** and replace by:

Malta [O]

TELEPHONE: +356 21 456767, 447875 35°49'N 14°32'E
& 447929

FAX: +356 21 452935 Diagram X2

TELEX: 406 1317 MALRDO MW

E-MAIL: maltaradio@maltacom.com

NAVTEX [O]

Department of Wireless Telegraphy Ad23/03

Page 269, **PERU, Callao [U]**, delete lines 2 to 4, TELEPHONE to 26069, and replace by:

TELEPHONE: +51 1 4299798 12°03'S 77°09'W
 FAX: +51 1 4200177 Diagram X6
 TELEX: 36 26042

Dirección de Hidrografía y Navegación Ad23/03

Page 274, **TURKEY (Aegean Sea), TURKEY (Black Sea Coast) and TURKEY (Mediterranean Coast)** delete sections and replace by:

TURKEY (Aegean Sea)

İzmir [I]

TELEPHONE: +90 232 4833035, 4837790 38°21'N 26°35'E
 & 4834022

TELEX: 607 53863 SATK TR Diagram X2

MMSI: 002716000

NAVTEX [I]

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0120	●	●
0520	●	●
0920	●	●
1320	●	●
1720	●	●
2120	●	●

TURKEY (Black Sea Coast)

Samsun [E]

TELEPHONE: +90 362 2307180, 2307181 41°17'N 36°20'E
 & 2307182

TELEX: 607 82045 SSTZ TR Diagram X2

MMSI: 002712000

NAVTEX [E]

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0040	●	●
0440	●	●
0840	●	●
1240	●	●
1640	●	●
2040	●	●

TURKEY (Mediterranean Coast)

Antalya [F]

TELEPHONE: +90 242 2581551, 2581552 36°53'N 30°42'E
 & 2581553

TELEX: 607 56102 ASTZ TR Diagram X2

MMSI: 002713000

NAVTEX [F]

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0050	●	●
0450	●	●
0850	●	●
1250	●	●
1650	●	●
0250	●	●

Turkish State Meteorological Service Ad23/03

Page 301, **Chapter 17: DISTRESS, SEARCH AND RESCUE, CHILE**, *contacts table*,

MRSC IQUIQUE, **Others** column, delete **E-mail** maritgobiqq@iqq.dgtm.cl and replace by: **E-mail** mrsciquique@directemar.cl

MRSC PUERTO MONTT, **Others** column, delete **E-mail** controltraficopxm@pxm.dgtm.cl and replace by: **E-mail** mrscpuertomontt@directemar.cl

MRSC PUNTA ARENAS, **Others** column, delete **E-mail** opergmpta@directemar.cl and replace by: **E-mail** mrscpuntaarenas@directemar.cl

MRSC TALCAHUANO, **Others** column, delete **E-mail** opergmtlc@tlc.dgtm.cl and replace by: **E-mail** mrscstalcahuano@directemar.cl

MRSC VALPARAÍSO, **Others** column, delete **E-mail** jopgmvlp@directemar.cl and replace by: **E-mail** mrscvalparaiso@directemar.cl

SARContacts.com Ad23/03

Page 307, **ESTONIA**, **National SAR Agency**, delete and replace by:

National SAR Agency: Estonian Board of Border Guard
Address: Ministry of Internal Affairs, Pikk Str 61, 15065 Tallinn
Tel: 6 936002
Fax: 6 936004
E-mail: piirivalve@pv.ee

Estonian Board of Border Guard Ad23/03

Contacts table, MRCC TALLINN, delete row and replace by:

MRCC TALLINN	6 922222 6 922500	6 922501	Inmarsat C (AOR-E) 492480040 E-mail ncc_estonia@pv.ee
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Estonian Board of Border Guard Ad23/03

Page 310, **GERMANY**, **National SAR Agency**, line 5, **Telex:** delete: 244754,

Contacts table, MRCC BREMEN, **Others** column, **Telex:** delete: +41 244 754 MRCC D

MRCC Bremen Ad23/03

VOLUME 6, PART 4, NP 286(4), 2002/03

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Page 224, **NEW ZEALAND, TIMARU**

Pilots and Port, PROCEDURE, delete section (5) and replace by:

(5) Pilot boards in position 44°22'·96S 171°19'·50E.

NZ Notice 7/59/03 Ad23/03

VI

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2003
(in the area of Australian Charting Responsibility)

In force 31 May 2003

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
9	Antarctic		
	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
	109	South Georgia – Prince Olav Harbour and approaches	15/98
	111	Stromness Harbour – Mooring buoy removed	01/02
	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
	120-121	South Sandwich Islands – Zavodski Island and Saunders Island – Depths; anchorage	16/03
	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
	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
13	Australia I		
	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
	114, 120	Australia, South Coast – Backstairs Passage – Yatala Shoal – Sectorised light	10/03
	122	Gulf of Saint Vincent – Rapid Head Northwards – Wreck	13/03
	123	Gulf of Saint Vincent – Yankalilla Bay – Wirrina Cove – Marina	14/03
14	Australia II		
	7-8	Australia – Radio pratique	22/02
	105-106	Port Phillip – Entrance channels – Directions	29/02
15	Australia III		
	3, 374	Torres Strait and Great North East Channel – Pilotage	12/03
	78	Great Barrier Reef – Ashmore Reef – Anchorage	17/03
	275	Port of Cairns – Pilot boarding position	13/03
	368-369	Papua New Guinea – Umuda Floating Terminal	11/03
17	Australia V		
	8	Australia – Radio pratique	10/02
	107	Timor Sea – Sahul Banks – Depth; Gas field	06/03
	107	Timor Sea – Sahul Banks – FSO; pilotage	14/03
	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
	205	Varanus Island Oil Terminal – Depth	34/02
	207	Barrow Island Westsouthwestward – FPSO	01/03
	211	Onslow – Jetty; directions	06/02
	250	Western Australia – Fremantle – Inwards reporting	42/02
	260-261	Australia, West Coast – Cockburn Sound – Jervoise Bay – Port developments; directions	41/02

VI

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
33	Philippine Islands		
	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
34	Indonesia II		
	6	Archipelagic Sea Lanes (ASLs)	09/03
	6, 467	Archipelagic Sea Lanes (ASLs)	12/03
	8	Indonesia – Charted depths	45/01
	10, 219	Timor – Prohibited area removed	24/00
	84, 86	Selat Surabaya – Pilotage	01/01
	86	Selat Surabaya – West channel to Tanjungperak – Wrecks	01/03
	89-90	Selat Surabaya – Port of Tanjungperak – Anchorages; prohibited anchorages	15/03
	92	Madura Oil Terminal northwards – Wreck	14/01
	234	North West coast of Timor – Landmark	31/00
	237	North coast of Timor – Landmark	31/00
	238	Dili – Depths; direction	31/00
	239	Kun – Leading lights	24/00
	263	Pulau Larilarian – Depth	37/00
	263	Gosong Takatulla – Depth	37/00
	266-267	Selat Laut – Kotabaru – Approaches; pilotage	32/02
	268	South Pulau Laut Coal Terminal	08/02
	270	Tanjung Dewa to Tanjung Aru – Directions	37/00
	278-279	Approaches to Muara Pegah – Restricted area	33/00
	283	Tanjung Bayur to Tanjung Sangata – Wreck	30/00
35	Indonesia II		
	2	Archipelagic Sea Lanes (ASLs)	09/03
	2, 256	Archipelagic Sea Lanes (ASLs)	12/03
36	Indonesia I		
	4	Archipelagic Sea Lanes (ASLs)	09/03
	4, 233	Archipelagic Sea Lanes (ASLs)	12/03
	131	Sumatera, East Coast – Selat Bangka to Selat Berhala – Wrecks	44/02
39	South Indian Ocean		
	240-241, 243	Victoria and approaches – VTS; anchorages; oil terminal	45/01
44	Malacca Strait and West Coast of Sumatera		
	3	Indonesia – Charted depths	45/01
	50	Pulau Perak – Light	28/02
	51, 53	Permatang Sedepa (One Fathom Bank) – New lighthouse established; marks; directions	51/00
	54	One Fathom Bank to Gosong Raleigh – Wreck	34/01
	80	Tanjung Jambua to Ujung Peureulak – Directions	28/02
	127	Approaches to Phuket – Wreck	17/00
	206	Malacca Strait – Johore – Tanjung Piai Westwards – Dangerous wreck; light-buoy	17/03
	210	Batu Berhanti to northwest of Tanjung Babi – Directions	14/02
	221-262	Singapore – Anchorages; fairways; restricted area	06/01
	221-262	Singapore – Charting; anchorages; fairways; directions; topography	43/01
	221-262	Singapore – Restricted areas	45/01
	221-262	Singapore – Channel closure	12/01
	267	Malaysia – Johor – New port established	40/00
	286	Pulau Simeulue Tjut – Light	08/00
	311	Ujung Nasisatangkus to Ujung Kareueng - Directions	08/00
	385	Kampung Sembalt to Pulau Tikus - Directions	22/02
51	New Zealand		
	64-65	Manukau Harbour approaches – South Western Shoals and Middle Deep	16/03

VI

<i>NP No</i>	<i>Page(s)</i>	<i>Title</i>	<i>BA Edition</i>
60	Pacific Islands I		
	8, 335	Kosare Island – Okat Port	44/01
	59	Soloman Islands – Guadalcanal south coast – Hostile actions	23-24/02
	77	Lengo and Sealark Channels – Depth	37/01
	77-78	East approaches to Honiara – Wreck	27/01
	77	Sealark Reef – Wreck	30/01
	79	Honiara and Lungga Roads– Wreck	33/01
	118	Soloman Islands – Santa Isabel Island – Durour Ridge westwards – Rock	10/02
	185, 188	Papua New Guinea – Depths	29/01
	228	Soloman Sea – Papua New Guinea – Cape Ward Hunt Southsoutheastwards – Raymonde Shoal — Light–buoy withdrawn	11/03
	387	United States – Regulated Navigational Areas; Protection of Naval Vessels	38/02
61	Pacific Islands II		
	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
	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
100 and 100(M)	The Mariner’s Handbook		
	398, 48	Archipelagic Sea Lanes (ASLs)	12/03
	103	Typical paths of Tropical Storms	08/00
	189	Region B – Examples of buoyage	28/00
	211	Glossary – Bubble curtain	43/02
	224	Glossary – Plem	43/02
136	Ocean Passages for the World		
	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

Ad23/03