



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

AUSTRALIAN NOTICES TO MARINERS

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Notices 364 - 424



Published fortnightly by the Australian Hydrographic Service

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

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

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4221 8599, e-mail Hydro.NTM@defence.gov.au or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email 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; AHS website www.hydro.gov.au or register for eNotices at www.hydro.gov.au/enotices/enotices.htm.

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IMPORTANT NOTICE

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

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25 April 2008

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364 AUSTRALIA - Products

Australian Hydrographic Service (AA313466)

New Chart

<i>Chart</i>	<i>Published</i>	<i>Title, limits and description of amendments</i>	<i>Scale</i>	<i>Folio</i>	<i>Index Chart</i>	<i>Price</i>
Aus 652	15/2/2008	Papua New Guinea (Sheet 4) Plans: Aitape Roads 3° 04' 12" S - 3° 14' 00" S 142° 20' 30" E - 142° 33' 42" E Aitape 3° 07' 40" S - 3° 08' 48" S 142° 21' 00" E - 142° 22' 02" E Vanimo Harbour 2° 38' 53" S - 2° 42' 18" S 141° 15' 36" E - 141° 20' 00" E <i>New chart with improved coverage of Aitape and Vanimo.</i>	1:37 500 1:12 500 1:12 500	10	Aus 5000	\$29.50

New Edition

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Folio</i>	<i>Index Chart</i>	<i>Price</i>
Aus 154	15/2/2008	Australia - South Coast - Victoria - Port Melbourne - Williamstown and River Yarra Plan: River Yarra <i>General updating throughout, including changes to maintained depth areas, buoyage and infrastructure.</i>	1:7 500 1:7 500	6	Aus 5001	\$29.50

New Electronic Navigation Charts (Seafarer ENC)

<i>Cell Name</i>	<i>Released</i>	<i>Title</i>
AU323113	Apr 2008	Western Australia - Point Cloates
AU425113	Apr 2008	Western Australia - Cape Cuvier to Bernier Island
AU421115	Apr 2008	Western Australia - Montebello Islands and Barrow Island
AU421116	Apr 2008	Western Australia - Approaches to Dampier
AU468062	Apr 2008	Australian Antarctic Territory - Approaches to Mawson Cell 1
AU468063	Apr 2008	Australian Antarctic Territory - Approaches to Mawson Cell 2
AU5XXX24	Apr 2008	Northern Territory - Darwin and Wickham Point
AU5XX109	Apr 2008	Western Australia - Port of Albany
AU5662P2	Apr 2008	Admiralty Islands - Lombrum Bay

Chart permanently withdrawn

<i>Chart</i>	<i>On publication of new chart</i>
Aus 652	Aus 652

For further details refer to the AHS website at www.hydro.gov.au for new edition and new chart stock arrival information.

When placing orders with a chart agent, mariners should advise whether their order pertains to the current edition or the new edition.

365 AUSTRALIA - Amendment to Australian Notice to Mariners No 2

Australian Hydrographic Service (AA324685)

Page 10

Amend Agnes Water Bait & Outdoor to read Agnes Water 1770 Bait & Tackle, Queensland.

366* AUSTRALIA - NEW SOUTH WALES - Port Kembla to Wollongong - Bearing; limit
UKHO (AA324496, AA324495)

Aus 194 [179/2008]

Amend	legend to <i>Dir</i> 212.9°	34° 26'.71 S	150° 55'.61 E
Delete	dashed line, between	34° 27'.718 S	150° 54'.665 E
		34° 27'.802 S	150° 54'.856 E

Aus 194 (plan, Wollongong Harbour)

Amend	legend to 195.5°	34° 24'.97 S	150° 54'.44 E
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367* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Nav aids
Sydney Ports (AA324202)

Aus 197 [180/2008]

Amend	light to <i>Oc.WR.3s 7M & F.Bu</i>	33° 59'.89 S	151° 14'.29 E
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Aus 198 [324/2008]

Insert	blue sector 260° to 114° at light	33° 59'.89 S	151° 14'.29 E
Amend	light to <i>Oc.WR.3s 27m 7M & F.Bu</i>	33° 59'.89 S	151° 14'.29 E
	light to <i>Fl.R.3s</i>	33° 59'.29 S	151° 12'.70 E
	light to <i>Fl.Y.3s</i>	33° 59'.94 S	151° 12'.23 E
	light to <i>Fl.Y.3s</i>	33° 59'.91 S	151° 12'.37 E
	light to <i>Fl.G.3s</i>	33° 59'.18 S	151° 12'.81 E

Aus 199 [1102/2007]

Insert	blue sector 260° to 114° at light	33° 59'.89 S	151° 14'.29 E
Amend	light to <i>Oc.WR.3s 27m 7M & F.Bu</i>	33° 59'.89 S	151° 14'.29 E
	light to <i>Fl.R.3s</i>	33° 59'.29 S	151° 12'.70 E
	light to <i>Fl.Y.3s</i>	33° 59'.94 S	151° 12'.23 E
	light to <i>Fl.Y.3s</i>	33° 59'.91 S	151° 12'.37 E
	light to <i>Fl.G.3s</i>	33° 59'.18 S	151° 12'.81 E

Aus 361 [278/2008]

Amend	light to <i>Oc.WR & F.Bu</i>	34° 00'.0 S	151° 14'.3 E
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Aus 808 [323/2008]

Amend	light to <i>Oc.WR & F.Bu</i>	33° 59'.9 S	151° 14'.3 E
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368* AUSTRALIA - QUEENSLAND - Moreton Bay - Fisherman Islands - Light beacon; drying area
UKHO (AA325360)

Aus 236 [280/2008]

Amend	light to <i>Fl.R.2.5s</i>	27° 21'.07 S	153° 10'.20 E
Delete	drying area, centred on	27° 21'.65 S	153° 10'.65 E

369* AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Depths; infrastructure
Port of Brisbane Corporation (mAA120232)

Aus 237 [280/2008]

Insert	accompanying block	27° 23'.5 S	153° 09'.0 E
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370* AUSTRALIA - QUEENSLAND - Gladstone - Depths
Maritime Safety Queensland (AA325049, AA322359, AA322360)

Aus 244 (plan, South Trees Point) [326/2008]

Insert [accompanying block](#) 23° 50'.8 S 151° 18'.5 E

Aus 244 (plan, Gladstone and Adjacent Wharves)

Insert [accompanying block](#) 23° 50'.0 S 151° 16'.5 E

Aus 245 [326/2008]

Insert [accompanying block](#) 23° 50'.5 S 151° 17'.5 E

371* AUSTRALIA - TORRES STRAIT - Hovell Bar - Light buoys
Maritime Safety Queensland Notice 181/2008 (AA323630)

Aus 292 [186/2008]

Insert port lateral cylindrical light buoy, *Fl.R.2-5s*, without topmark 10° 34'.14 S 142° 15'.33 E

Substitute south cardinal cylindrical light buoy, *Q(6)+LFl.15s*, with topmark for light buoy 10° 34'.1 S 142° 15'.5 E

Delete light buoy 10° 34'.2 S 142° 15'.4 E

Aus 299 [186/2008]

Insert port lateral cylindrical light buoy, *Fl.R.2-5s No 4*, without topmark 10° 34'.225 S 142° 15'.269 E

Amend light to *Fl.R.2-5s No 2* 10° 34'.19 S 142° 15'.31 E

Delete light buoy 10° 34'.19 S 142° 15'.27 E
depth 5₃m 10° 34'.22 S 142° 15'.27 E

372* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland to Port Walcott - Chart note
Australian Hydrographic Service (AA324824, AA325309)

Aus 740 [291/2008]

Insert [accompanying note](#) 20° 45'.5 S 117° 16'.0 E

373* AUSTRALIA - WESTERN AUSTRALIA - Dampier - Conzinc Island to Parker Point - Light beacon; depth

Australian Hydrographic Service (AA325218)

Aus 58 [192/2008]

Substitute depth, 0₃m, for depth 0₃m 20° 32'.53 S 116° 46'.92 E

Amend light to *Fl.Y.5s* 20° 38'.34 S 116° 43'.14 E

374* AUSTRALIA - WESTERN AUSTRALIA - Exmouth - Infrastructure
Department for Planning and Infrastructure WA (DHDB 886088)

Aus 744 (plan, Exmouth Boat Harbour) [1014/2007]

Insert [accompanying block](#) 21° 57'.5 S 114° 08'.5 E

375* AUSTRALIA - WESTERN AUSTRALIA - Port Denison - Nav aids
Department for Planning and Infrastructure WA (AA322432, AA290245)

Aus 752 (plan, Port Denison) [436/2007]

Insert starboard lateral spar buoy, with topmark 29° 16'.557 S 114° 54'.828 E
port lateral spar buoy, with topmark 29° 16'.564 S 114° 54'.837 E
east cardinal beacon, with topmark 29° 16'.517 S 114° 54'.988 E

Delete spar buoy 29° 16'.52 S 114° 54'.98 E
depth 2₆m 29° 16'.48 S 114° 55'.00 E

376* AUSTRALIA - WESTERN AUSTRALIA - Jurien Bay - Light range altered
Department for Planning and Infrastructure WA (AA322432, AA290245)

Aus 753 (plan, Jurien Bay) [49/2008]

Amend	light range to 5M	30° 17'.48 S	115° 02'.45 E
	light range to 5M	30° 17'.53 S	115° 02'.53 E

377* AUSTRALIA - WESTERN AUSTRALIA - Guilderton - Light range altered

Former Notice - 263(P)/2008 is cancelled
Australian Maritime Safety Authority ATH 15/2008 (AA324482)

Aus 334 [194/2008]

Amend	light range to 19M	31° 20'.3 S	115° 29'.5 E
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Aus 417 [603/2007]

Amend	light range to 19M	31° 20'.3 S	115° 29'.5 E
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Aus 754 [194/2008]

Amend	light range to 19M	31° 20'.3 S	115° 29'.5 E
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AX 66002 [NE 15/11/2007]

Amend	light range to 19M	31° 20'.3 S	115° 29'.5 E
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378* AUSTRALIA - WESTERN AUSTRALIA - Albany - Infrastructure

Australian Hydrographic Service (AA325004)

Aus 118 [733/2005]

Insert	accompanying block	35° 02'.0 S	117° 55'.0 E
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379* AUSTRALIA - SOUTH AUSTRALIA - Cape du Couedic - Light range altered

Former Notice - 264(P)/2008 is cancelled
Australian Maritime Safety Authority ATH 16/2008 (AA326127)

Aus 343 [245/2008]

Amend	light range to 15M	36° 03'.6 S	136° 42'.2 E
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Aus 346 [245/2008]

Amend	light range to 15M	36° 03'.5 S	136° 42'.0 E
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Aus 444 [337/2008]

Amend	light range to 15M	36° 04'.0 S	136° 42'.5 E
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Aus 4727 (INT 727) [641/2006]

Amend	light range to 15M	36° 03'.6 S	136° 42'.2 E
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380* AUSTRALIA - VICTORIA - Cape Nelson - Fish aggregating device southwards

Former Notice - 271(T)/2008 is cancelled
Association of Geelong and District Angling Clubs (AA324326, AA324844)

Aus 140 [156/2008]

Insert	special conical light buoy, <i>Fl.Y.3s (Nov - Jul)</i> , with topmark	38° 29'.46 S	141° 33'.66 E
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Aus 786 [963/2007]

Insert	special conical light buoy, <i>Fl.Y.3s (Nov - Jul)</i> , with topmark	38° 29'.56 S	141° 33'.70 E
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381* AUSTRALIA - TASMANIA - Maria Island - Point Lesueur - Historic wreck

Parks and Wildlife Service (AA323465)

Aus 170 [921/2007]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	42° 39'.8 S	148° 00'.8 E
	accompanying Historic Wreck note	42° 43'.3 S	147° 54'.8 E

382* AUSTRALIA - TASMANIA - Table Cape - Light range altered

Former Notice - 272(P)/2008 is cancelled
 Australian Maritime Safety Authority ATH 14/2008 (AA324424)

Aus 422 [965/2007]

Amend	light range to 16/13M	40° 56'.8 S	145° 43'.7 E
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Aus 487 [645/2007]

Amend	light range to 16/13M	40° 56'.8 S	145° 43'.7 E
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Aus 799 [1065/2007]

Amend	light range to 16/13M	40° 56'.8 S	145° 43'.7 E
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383* AUSTRALIA - VICTORIA - Barwon Heads - Fish aggregating device southwestwards

Association of Geelong and District Angling Clubs (AA324326, AA324844)

Aus 143 [103/2008]

Insert	special conical light buoy, <i>Fl.Y.3s (Nov - Jul)</i> , with topmark	38° 22'.2 S	144° 26'.4 E
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Aus 788 [1066/2007]

Insert	special conical light buoy, <i>Fl.Y.3s (Nov - Jul)</i> , with topmark	38° 22'.2 S	144° 26'.4 E
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384* AUSTRALIA - VICTORIA - Port Phillip - Point Nepean to Weeroona Bay - Buoys

Victorian Notice 49/2008 (AA323672)

Aus 144 [159/2008]

Insert	special conical buoy, without topmark	38° 18'.570 S	144° 42'.680 E
	special conical buoy, without topmark	38° 18'.720 S	144° 42'.860 E
	special conical buoy, without topmark	38° 18'.810 S	144° 42'.750 E
	special conical buoy, without topmark	38° 18'.670 S	144° 42'.550 E
	special conical buoy, without topmark	38° 17'.938 S	144° 39'.136 E
	special conical buoy, without topmark	38° 18'.229 S	144° 39'.565 E

Delete	depth 17 ₄ m	38° 18'.74 S	144° 42'.88 E
	depth 12 ₄ m	38° 18'.68 S	144° 42'.60 E
	depth 3 ₂ m	38° 18'.19 S	144° 39'.60 E

Aus 158 [159/2008]

Insert	special conical buoy, without topmark	38° 18'.720 S	144° 42'.860 E
	special conical buoy, without topmark	38° 18'.810 S	144° 42'.750 E
	special conical buoy, without topmark	38° 17'.938 S	144° 39'.136 E
	special conical buoy, without topmark	38° 18'.229 S	144° 39'.565 E

Delete	depth 17 ₄ m	38° 18'.74 S	144° 42'.88 E
	depth 7 ₉ m	38° 18'.77 S	144° 42'.71 E

385* AUSTRALIA - VICTORIA - Port Phillip - Spoil ground

Victorian Notice 54/2008 (AA325323)

Aus 143 [383/2008]

Insert	dashed line, between	38° 01'.35 S	144° 51'.59 E
		38° 02'.39 S	144° 50'.96 E
		38° 02'.40 S	144° 53'.18 E
		38° 01'.35 S	144° 53'.46 E

Delete	dashed line, between	38° 01'.35 S	144° 51'.59 E
		38° 01'.35 S	144° 53'.46 E

Aus 155 [103/2008]

Insert	dashed line, between	38° 01'.35 S	144° 51'.59 E
		38° 01'.63 S	144° 51'.41 E
	dashed line, between	38° 01'.35 S	144° 53'.46 E
		38° 01'.63 S	144° 53'.40 E

Delete	dashed line, between	38° 01'.35 S	144° 51'.59 E
		38° 01'.35 S	144° 53'.46 E

386* AUSTRALIA - VICTORIA - Port Phillip - Martha Point - Light buoys
Parks Victoria, Dept of Primary Industries (AA313513)

Aus 158 [384/2008]

Insert	special pillar light buoy, Q(4)Y.12s, with topmark	38° 18'.187 S	144° 58'.329 E
	special pillar light buoy, Q(4)Y.12s, with topmark	38° 18'.192 S	144° 58'.635 E
	special pillar light buoy, Q(4)Y.12s, with topmark	38° 18'.428 S	144° 58'.322 E
	special pillar light buoy, Q(4)Y.12s, with topmark	38° 18'.434 S	144° 58'.629 E

387* AUSTRALIA - VICTORIA - Western Port - Woody Point - Obstruction; light beacon

Former Notice - 547(T)/2007 is cancelled
Victorian Notice 44/2008 (AA324194)

Aus 150 (plan, The Narrows) [1126/2007]

Insert	isolated danger light beacon, Fl(2)5s Turbine, enclosed by danger circle	38° 30'.996 S	145° 21'.884 E
Delete	depth 0 ₉ m	38° 31'.02 S	145° 21'.90 E

388(T)/2008 AUSTRALIA - NEW SOUTH WALES - Green Cape to Lennox Head - Scientific instruments*Former Notice - 522(T)/2006 is cancelled*

NSW Department of Commerce (AA127984, AA127985)

Scientific instruments, *Fl(5)Y.20s*, exist as follows:

<i>Location</i>	<i>Position (WGS84 datum)</i>
Green Cape	37° 18'.1 S 150° 11'.1 E
Batemans Bay	35° 42'.4 S 150° 20'.9 E
Port Kembla	34° 28'.5 S 151° 01'.6 E
Deewhy Head	33° 46'.8 S 151° 25'.3 E
Crowdy Head	31° 49'.5 S 152° 51'.6 E
Coffs Harbour	30° 21'.6 S 153° 16'.4 E
Lennox Head	28° 49'.6 S 153° 39'.8 E

Mariners are not to use the buoys as moorings.

Chart temporarily affected - Aus 195 - Aus 197 - Aus 806 - Aus 807 - Aus 808 - Aus 809 - Aus 810 - Aus 811 - Aus 812 - Aus 813**389(T)/2008 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Molineux Point - Light beacon destroyed**

Sydney Ports (AA324202)

No 3 light beacon (33° 59'.07 S 151° 12'.67 E) has been destroyed; a starboard lateral light buoy, *Fl.G.3s*, exists in situ.**Chart temporarily affected - Aus 198 - Aus 199**

390(T)/2008 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information

Former Notice - 342(T)/2008 is cancelled
 Newcastle Port Corporation (AA325781)

Available depths as at 4 April 2008:

<i>Berth</i>	<i>Metres</i>
Western Basin 3	11.6
Western Basin 4	11.6
Eastern Basin 1	11.6
Eastern Basin 2 North of Ch 450	11.6
Eastern Basin 2 South of Ch 450	11.3
Dockyard 2 (Dredge)	3.6
Channel Berth (formerly Dockyard 4)	8.4
Dyke 1	12.0
Dyke 2	12.5
Dyke 4	15.7
* Dyke 5	16.5
Dyke 6	6.6
* BHP Wharf 6 to Ch 1050	7.6
Kooragang 2	11.6
Kooragang 3	13.2
Kooragang 4	16.1
Kooragang 5	16.4
Kooragang 6	16.0
Kooragang Ship Receiving KSR	8.0
Throsby 1	9.5
Carrington wharf	To be sounded as and when required
Tug berth 4	6.5
Elgo wharf	To be sounded as and when required
<i>Channels</i>	
Entrance Approach	17.4
Entrance Channel (18.0m)	16.8
Entrance Channel (17.4m)	17.1
Entrance Channel (16.8m)	16.5
Entrance Channel (16.2m)	16.0
Entrance Channel to Horseshoe	15.1
Horseshoe	15.1
Steelworks Channel to Swinging Basin	15.1
Swinging Basin	15.1
Swinging Basin to BHP	10.6
Basin Cutting	12.7
Basin Area to Eastern & Western Basin Berths	12.5
Basin Area to 1 Throsby	9.5
Stockton Crossing	3.6

* Indicates revised entry.

Chart temporarily affected - Aus 207 - Aus 208**391(T)/2008 AUSTRALIA - QUEENSLAND - Kirra Point - Offshore works**

Former Notice - 1130(T)/2007 is cancelled
 Maritime Safety Queensland Notice 208(T)/2008 (AA325591)

Offshore works associated with the desalination plant construction are in progress.

A lit platform *Eun Sung 1200* will be anchored within a 600 metre radius of position 28° 08'.6 S 153° 30'.8 E (WGS84 datum).

Vessels not associated with the works should keep well clear of the platform.

Mariners are advised to navigate with caution in areas adjacent to the works.

Chart temporarily affected - Aus 813 - Aus 814**392(T)/2008 AUSTRALIA - QUEENSLAND - Moreton Bay - North Stradbroke Island - Light beacon restored**

Former Notice - 344(T)/2008 is cancelled
 Maritime Safety Queensland Notice 191/2008 (AA324383)

Cancel this notice on receipt.

Chart formerly affected - Aus 236

393(T)/2008 AUSTRALIA - QUEENSLAND - Brisbane River - Gibson Island - Dredging operations*Date - Until 30 June 2008*

Maritime Safety Queensland Notice 198(T)/2008 (AA324930)

Dredging operations are in progress in Eagle Farm Flats Reach (27° 26'.29 S 153° 07'.01 E).

Silt curtains extend 100m from the river bank on either side of the work site. The corner extremities of the silt curtains will be marked by two special light buoys and yellow lights will be fitted along each length.

Information regarding the works can be obtained by contacting Waterways Constructions on 0409 55 22 00.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238**394(T)/2008 AUSTRALIA - QUEENSLAND - Mooloolaba - Lights unlit; light buoys established***Former Notice - 309(T)/2008 is cancelled*

Maritime Safety Queensland Notice 210(T)/2008 (AA325793)

Light K2908.3 (26° 40'.94 S 153° 08'.14 E (WGS84 datum)) and light K2908.31 (26° 40'.96 S 153° 08'.17 E) are unlit.

Light buoys exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
26° 40'.79 S 153° 07'.86 E	Port lateral, Q.R
26° 40'.67 S 153° 07'.82 E	North cardinal, Q
26° 40'.83 S 153° 07'.91 E	Starboard lateral, Q.G

The buoys have been established to mark a shoal area of least depth *1.5 metres* that extends westward across the channel from the No 2 beacon (26° 40'.75 S 153° 07'.96 E). Entry and exit from the Mooloolah River should be achieved by using the north cardinal, port and starboard lateral light buoys. A least depth of *2.5 metres* exists between the port and starboard light buoys.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235**395(T)/2008 AUSTRALIA - QUEENSLAND - Noosa Head - Live firing northeastwards***Date - Until 5 May 2008*

Department of Defence (AA326159)

Military exercise area R677A will be activated for a live firing during daylight hours from 2 to 5 May 2008, in the area bounded by positions (WGS84 datum):

26° 16'.09 S 154° 05'.76 E
 26° 16'.10 S 154° 10'.19 E
 26° 20'.06 S 154° 10'.41 E
 26° 20'.06 S 154° 05'.83 E

Chart temporarily affected - Aus 365

396(T)/2008 AUSTRALIA - QUEENSLAND - Bundaberg - Long Reach - Cable ferry operations*Date - Until 31 December 2008*

Maritime Safety Queensland Notice 209(T)/2008 (AA325600)

A cable ferry is operating in position 24° 47'.77 S 152° 22'.95 E. The ferry will exhibit the lights and shapes, including warning signals, as described by the International Regulations for the Prevention of Collisions at Sea, which also include:

While the ferry is underway, it will exhibit the lights and shapes for a vessel restricted in its ability to manoeuvre.

While the ferry is alongside either landing, it will exhibit the lights and shapes for an anchored vessel. During this mode river traffic may proceed past the ferry crossing.

By night the ferry will exhibit four white lights, positioned to illuminate the towing cables.

The ferry may operate over a 24 hour period and can be contacted on VHF Ch 16.

When approaching the crossing, vessels should sound a warning signal of one prolonged blast.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 242**397(T)/2008 AUSTRALIA - QUEENSLAND - Clews Point - Light buoy established**

Maritime Safety Queensland Notice 199(T)/2008 (AA325154)

A special light buoy, *Fl.Y.2-5s*, exists in position 23° 59'.96 S 151° 44'.30 E.

Chart temporarily affected - Aus 818 - Aus 819**398(T)/2008 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations completed***Former Notice - 250(T)/2008 is cancelled*

Maritime Safety Queensland Notice 212/2008 (AA327543)

Cancel this notice on receipt.

Chart formerly affected - Aus 244 - Aus 245**399(T)/2008 AUSTRALIA - QUEENSLAND - Hook Island - Nara Inlet - Light buoy replaced in position***Former Notice - 350(T)/2008 is cancelled*

Maritime Safety Queensland Notice 202/2008 (AA325157)

Cancel this notice on receipt.

Chart formerly affected - Aus 252**400(T)/2008 AUSTRALIA - QUEENSLAND - Abbot Point - Drilling operations***Date - Until 31 May 2008*

Maritime Safety Queensland Notice 205(T)/2008 (AA325405)

The barge *Sideson 1* and tug *Wandana*, are conducting drilling operations in the vicinity of the Abbot Point Wharf (19° 51'.46 S 148° 05'.11 E).

The barge and tug display appropriate lights. The tug can be contacted on VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 255

401(T)/2008 AUSTRALIA - QUEENSLAND - Townsville - Depth information*Former Notice - 65(T)/2008 is cancelled*

Maritime Safety Queensland Notice 195(T)/2008 (AA324925)

Available depths as at 31 March 2008:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.7	
Platypus Channel	11.7	
Outer Harbour:		
Arrival Channel	8.1	West of a line from dolphin across end of berth pocket to edge of arrival channel
Departure Channel	11.6	
Inner Harbour:		
Harbour	11.7	
Berths:		
* No 1	11.9	
No 2	12.8	
* No 3	12.5	
No 4	9.9	
No 7	11.2	
No 8	10.2	Seaward of 10 metre mark
* No 9	11.6	
* No 10	9.3	To seaward dolphin
* No 11	11.6	
CB Marine	1.9	
Between No 7 and No 8	10.4	Seaward of zero mark at No 7
Between No 9 and No 10	10.1	Seaward of zero mark at No 10
Ross River Channel	2.0	
Ross River and Ross Creek	-	No declared depth

* Indicates revised entry.

Chart temporarily affected - Aus 256 - Aus 257**402(T)/2008 AUSTRALIA - QUEENSLAND - Goold Island - Wreck westwards***Former Notice - 784(T)/2007 is cancelled*Maritime Safety Queensland Notice 155(T)/2008 (AA327859), Wreck is FV *Silla*

A wreck exists in position 18° 10'.31 S 146° 04'.91 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 828**403(T)/2008 AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Wreck; light buoy**Maritime Safety Queensland Notice 194/2008 (AA324920), Wreck FV *St James*A wreck, marked by an isolated danger light buoy *Fl(2)6s*, exists in position 16° 56'.79 S 145° 47'.28 E.**Chart temporarily affected - Aus 263 - Aus 264****404(T)/2008 PAPUA NEW GUINEA - Port Moresby - Fish aggregation device southwards***Former Notice - 665(T)/2006 is cancelled*

Department of Transport and Civil Aviation PNG Notice 8/2004 (AA84295)

A fish aggregation device, marked by a buoy, exists in position 9° 44'.5 S 147° 17'.5 E (datum unknown).

Chart temporarily affected - Aus 379 - Aus 505 - Aus 4620 (INT 620)**405(T)/2008 PAPUA NEW GUINEA - Mackenzie Shoal - Light relit***Former Notice - 255(T)/2008 is cancelled*

National Maritime Safety Authority PNG Notice 159/2008 (AA324598)

Cancel this notice on receipt.

Chart formerly affected - Aus 397 - Aus 545 - Aus 554 - Aus 680

406(T)/2008 PAPUA NEW GUINEA - Kimbe Island - Light unlit*Former Notice - 374(T)/2007 is cancelled*

National Maritime Safety Authority PNG Notice 112/2007 (AA238440)

Light K3486 (5° 12'.29 S 150° 22'.59 E) is unlit.

Chart temporarily affected - Aus 547 - Aus 4622 (INT 622)**407(T)/2008 PAPUA NEW GUINEA - Manus Island - Los Negros Island - Nahuchie Point - Light unlit***Former Notice - 935(T)/2007 is cancelled*

National Maritime Safety Authority PNG Notice 127/2007 (AA289420)

Light K3507.6 (2° 02'.34 S 147° 24'.21 E (WGS84 datum)) is unlit.

Chart temporarily affected - Aus 391 - Aus 654 - Aus 662**408(T)/2008 AUSTRALIA - NORTHERN TERRITORY - Darwin - Obstruction; buoys***Date - Until 30 September 2008*

Department of Defence (AA327764, AA327826)

An in water barrier trial is being conducted at HMAS Coonawarra. A floating barrier extends between the following buoys:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
12° 27'.659 S 130° 49'.442 E	white mooring buoy, <i>Fl.Y.6s</i>
12° 27'.704 S 130° 49'.378 E	special conical light buoy, <i>Fl.Y.6s</i>
12° 27'.667 S 130° 49'.533 E	special conical light buoy, <i>Fl.Y.6s</i>

Chart temporarily affected - Aus 24 - Aus 26 - Aus 28**409(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef to Wildcat Reefs - Scientific instruments***Former Notice - 258(T)/2008 is cancelled*

MetOcean Engineers (AA326010, AA326009)

Scientific instruments exist as follows:

<i>Position (WGS84 datum)</i>	<i>Remarks</i>
14° 02'.95 S 121° 52'.89 E	lit buoy, <i>Fl.Y.20s</i>
14° 03'.00 S 121° 52'.89 E	5 white poly-floats
14° 06'.99 S 121° 55'.88 E	subsurface
14° 09'.89 S 121° 52'.76 E	subsurface
14° 11'.66 S 121° 53'.00 E	subsurface
14° 56'.35 S 122° 37'.34 E	subsurface

Chart temporarily affected - Aus 43 - Aus 322

410(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Drilling operations
 Port Hedland Port Authority (AA325411)

The barge *BHD Supply* and tug *Marina Pacific 2* are conducting drilling operations in the area bounded by:

Positions (WGS84 datum)

20° 00'.38 S	118° 22'.50 E
20° 00'.09 S	118° 23'.16 E
20° 03'.64 S	118° 24'.89 E
20° 04'.76 S	118° 25'.86 E
20° 06'.42 S	118° 28'.29 E
20° 11'.26 S	118° 31'.16 E
20° 12'.04 S	118° 31'.75 E
20° 13'.44 S	118° 33'.07 E
20° 14'.62 S	118° 34'.20 E
20° 16'.14 S	118° 34'.92 E
20° 17'.61 S	118° 33'.94 E
20° 18'.01 S	118° 33'.00 E
20° 17'.16 S	118° 33'.03 E
20° 15'.87 S	118° 32'.21 E
20° 13'.99 S	118° 32'.19 E
20° 13'.18 S	118° 31'.73 E
20° 11'.12 S	118° 30'.29 E
20° 07'.33 S	118° 28'.05 E
20° 06'.55 S	118° 27'.31 E
20° 04'.69 S	118° 24'.60 E

The barge and tug display appropriate lights. The tug can be contacted on VHF Ch 10, 12 and 16.

Mariners are advised to navigate with caution in the area giving the barge a wide berth of at least 500 metres.

Chart temporarily affected - Aus 52 - Aus 53 - Aus 54 - Aus 326 - Aus 739 - Aus 740

411(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Scientific instrument
 MetOcean Engineers (AA326010, AA326009)

A scientific instrument exists in position 20° 34'.85 S 116° 45'.50 E (WGS84 datum).

Chart temporarily affected - Aus 57 - Aus 58 - Aus 59 - Aus 327 - Aus 741

412(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - Rosemary Island - Scientific instrument
Former Notice - 315(T)/2008 is cancelled
 MetOcean Engineers (AA326010, AA326009)

A scientific instrument exists in position 20° 22'.60 S 116° 25'.02 E (WGS84 datum), marked by 5 white poly-floats.

Chart temporarily affected - Aus 57 - Aus 741 - Aus 742

413(T)/2008 AUSTRALIA - WESTERN AUSTRALIA - North Bank - Scientific instrument recovered
Former Notice - 219(T)/2008 is cancelled
 MetOcean Engineers (AA326010, AA326009)

Cancel this notice on receipt.

Chart formerly affected - Aus 333 - Aus 752

414(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Mundoora Bay - Light beacon unlit
 Department for Transport, Energy and Infrastructure SA Notice 15/2008 (AA324216)

The entrance channel light beacon (33° 32'.03 S 137° 53'.20 E (WGS84 datum)) is unlit.

Chart temporarily affected - Aus 344 - Aus 778

415(T)/2008 AUSTRALIA - SOUTH AUSTRALIA - Port Augusta - Two Hummock Point - Light beacon altered
 Department for Transport, Energy and Infrastructure SA Notice 19/2008 (AA324384)

No 4 light beacon (32° 44'.88 S 137° 48'.96 E (WGS84 datum)) has been altered to Q(3)10s.

Chart temporarily affected - Aus 344 - Aus 778

416(T)/2008 AUSTRALIA - TASMANIA - North West Bay - Snug Point - Wreck
 Marine and Safety Tasmania Notice M42/2008 (AA327697)

A stranded wreck exists in position 43° 05'.10 S 147° 18'.06 E (WGS84 datum) marked by a special buoy.

Chart temporarily affected - Aus 171 - Aus 173 - Aus 174

417(P)/2008 AUSTRALIA - TASMANIA - Maria Island - Scientific instrument eastwards

Date - On or about 17 June 2008

Marine and Safety Tasmania Notice M41/2008 (AA327633)

Scientific instrument exists in position 42° 35'.80 S 148° 14'.00 E (WGS84 datum).

A special light buoy, *Fl.Y.6s*, will be established in position 42° 35'.94 S 148° 14'.00 E.

Chart which will be affected - Aus 355 - Aus 766

418(T)/2008 AUSTRALIA - TASMANIA - Launceston - Kings Wharf - Dredging operations

Date - Until 31 October 2008

Marine and Safety Tasmania M31/2008 (AA324223)

Dredging operations are being conducted in the vicinity of Kings Wharf. Two lit pontoons exist on the river marking the navigable channel for vessels, which has a least depth of *3 metres* above the submerged pipeline. Outside the navigable channel, the pipeline is marked with white buoys in areas where vessels disembark.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 168

419(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Dredging operations

Former Notice - 175(T)/2008 is cancelled

Victorian Notice 37(T)/2008, 56(T)/2008 (AA324225, AA325795)

The dredge *Queen of the Netherlands* is conducting dredging operations within the entrance channels to Port Phillip.

During the dredging operations the effective maintained depth of the Great Ship Channel will be *13 metres*. The maximum permissible static draught of a vessel transiting the channel will be *10.6 metres* at all tides; and maximum *11.6 metres* with 1 metre of tidal assistance, subject to a minimum static under keel clearance of *2.4 metres*, during the entire transit over Rip Bank and Nepean Bank.

Dredging will not impede the passage of commercial shipping. Vessels intending to use the Great Ship Channel must advise the Point Lonsdale Signal Station who will provide the dredge at least 30 minutes notice for the dredger to clear the channel. Dive vessel operators must also contact Point Lonsdale Signal Station on VHF Ch 12 or (03) 52581252 to obtain information on the movements of the dredger and commercial vessels prior to engaging in diving activities.

Chart temporarily affected - Aus 143 - Aus 144 - Aus 154 - Aus 155 - Aus 158

420(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Restricted areas*Date - Until 3 April 2009*

Victorian Notice 55(T)/2008 (AA326107)

A restricted access area has been declared around the dredge vessels and the barge during their operation or presence in the Yarra River and Port Phillip as follows:

In the Yarra River an area comprising the port of Melbourne waters and any part of port of Melbourne land that is within 50 metres radius of the dredges *Queen of the Netherlands* or *Cornelis Zanen*, when either vessel is in the Yarra River, in the waters of the port of Melbourne, north of an imaginary line connecting 38° 51'.17 S 144° 54'.48 E and 38° 50'.97 S 144° 54'.75 E.

In Port Phillip around the dredge vessels an area comprising the port of Melbourne waters and any part of port of Melbourne land that is within 200 metres radius of the dredges *Queen of the Netherlands* or *Cornelis Zanen*, when either vessel is in the waters of the port of Melbourne south of an imaginary line connecting 38° 51'.17 S 144° 54'.48 E and 38° 50'.97 S 144° 54'.75 E, being an area within Port Phillip (including Hobsons Bay) or at the Entrance (including the waters of Bass Strait).

In Port Phillip around the POMBAA Barge an area comprising the Port Melbourne waters that is within 750 metres radius of the barge and any replacement or additional barge used or intended for the transfer of dredged materials from a dredge vessel to the Port of Melbourne Dredged Material Ground.

Further details regarding the operations can be obtained from the Port of Melbourne Corporation's Channel Deepening website www.channelproject.com or on telephone 1-800 731 022.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 144 - Aus 154 - Aus 155 - Aus 158

421(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Altona Bay - Shoaling*Former Notice - 794(T)/2007 is cancelled*

Victorian Notice 51(T)/2008 (AA324196)

Depths less than 0.5 metres may exist in the vicinity of 37° 52'.01 S 144° 50'.96 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155

422(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - River Yarra - Harbour works*Date - Until 31 May 2008*

Victorian Notice 34(T)/2007 (AA324217)

Harbour works to repair the piles at Appleton Dock C (37° 49'.07 S 144° 55'.19 E) are in progress.

The works will be conducted from the work barge No 176 and will involve diving operations. The barge can be contacted on 0417350147 and for more information regarding the works contact Harbour Control on 03 9644 9700 or VHF Ch 12.

Chart temporarily affected - Aus 154

423(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Brighton - Harbour works

Victorian Notice 58(T)/2008 (AA327825)

Harbour works associated with the upgrade of North Road jetty and boat ramp (37° 53'.895 S 144° 59'.089 E) are in progress.

All hazards to navigation display appropriate lights and shapes.

During construction there will be restricted boat launching available at the facility.

Chart temporarily affected - Aus 155

424(T)/2008 AUSTRALIA - VICTORIA - Port Phillip - Mordialloc - Shoaling

Victorian Notice 38(T)/2008 (AA324227)

Depths less than 0.5 metres may exist in the vicinity of 38° 00'.65 S 145° 05'.07 E (WGS84 datum).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155

II

AMENDMENTS TO ADMIRALTY LIST OF LIGHT AND FOG SIGNALS VOLUME K 2008/09

Edition No 8 dated 25 April 2008

Last Amendment: Edition No 7 dated 11 April 2008

K1024	Mendanau. Tg Ayerlancur	2 52-95 S 107 20-26 E	Fl(3) W 20s	62	22	White metal tower 27	<i>(fl 1, ec 3) x 2, fl 1, ec 11</i>
		*			*		*
K1060-5	Pulau Peniki	5 41-49 S 106 42-67 E	Fl W 5s	32	16	White metal framework tower 35	
		*	*	*	*	*	*
K1287	- Labuan Amuk. Tg Sari-Padang (I)	8 31-95 S 115 30-86 E	Fl W 5s	45	15	White beacon 7	<i>fl 0-5</i>
		*			*		*
K1289-4 (I)	- Labuan Amuk. Teluk Padang	8 32-09 S 115 30-70 E	Fl R 4s	8	8	Red beacon	<i>fl 1.</i> TE 2008
							*
K1291-27	- Pelabuhan Benoa. No 7	8 45-07 S 115 13-12 E	Fl G 3s	6	4	Green △ on green beacon 6	
		*		*			*
K1299-3	- Bungkulan-Awang Bay. Tanjung Bungkulan (I)	8 57-47 S 116 23-45 E	Fl W 5s	95	12	White beacon	<i>fl 1</i>
			*				*
K1685-6	- Service Wharf. Head	20 35-29 S 117 11-17 E	F Bu				
		*	*				
K1685-65	- Service Wharf. Elbow	20 35-36 S 117 11-09 E	F Bu				
			*				
K1840-5	- MURAT BAY. Ceduna	32 08-29 S 133 39-84 E	Q G	..	3	Beacon	
		*	*	*	*	*	*
K2908-3	- Ldg Lts 131°15'. Front	26 41-03 S 153 08-08 E	F Bu	..	..	△ on white beacon	TE 2008
	---	..	<i>By day</i> F Y				
	---	..	Fl R 4s	..	..	..	Not Vis from seaward
							*
K2908-31	- Ldg Lts 131°15'. Rear. 85m from front	26 41-00 S 153 08-10 E	F Bu	..	..	▽ on white beacon	TE 2008
	----	..	<i>By day</i> F Y				
							*
K2938-6	- Fairway (Hervey Bay)	25 08-88 S 152 50-07 E	LFl W 10s	..	..	Red ○ on white beacon, red stripes	Destroyed: safe water buoy L Fl 10s in situ (T) 2008
							*
K3067-3	Black Island. Reef. N end	20 04-57 S 148 53-58 E	Fl Y 2-5s	..	..	Yellow × on yellow beacon	Destroyed (T) 2008
							*
K3405-2	Wasu	5 57-30 S 147 11-43 E	Fl(2)G 6s	..	3	Beacon	
		*	*	*	*	*	*

Volume K *continued*

K3458·2	- Sinavi Reef	9 32·03 S 147 07·76 E	Q R	..	4	..	TE 2008	*
K3463·8	Boera Head	9 23·50 S 147 00·80 E	Fl W 2·5s	33	10	White hut 2	TE 2008	*
K3500	- Mackenzie Shoal	4 15·41 S 152 13·44 E	Fl W 10s	8	9	White pile, orange bands 8	<i>fl 1.</i> TE 2008	*
K3696	Remove from list							
K3696·5	Mangonui Harbour, Cole Point	34 58·90 S 173 31·66 E	Q G	3	5	Green △ on metal post 3		
*	*	*	*	*	*	*		*
K5008·4	- Ldg Lts 168°. Front (F)	18 05·15 S 140 59·95 W	Fl G 4s	9	6	White metal column on black base 10	<i>fl 1</i>	*
K5036·1 (F)	- Baie d' Ha'urei	27 36·80 S 144 19·10 W	Q W	4	4	△ on yellow beacon, black top 7		*

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 11 April 2008. 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

- 094 Cancelled.
- 095 Cancelled.
- 096 Cancelled.
- 097 Drill rig *Ocean Bounty* in position 19° 57'.10 S 115° 19'.30 E. 2.5M clearance requested.
- 098 Cancelled.
- 099 Cancelled.
- 100 Cancelled.
- 101 Drill rig *Songa Venus* in position 13° 51'.80 S 123° 06'.90 E. 2.5M clearance requested.
- 102 Special purpose vessel *Geosounder* conducting underwater operations around 26° 12'.0 S to 111° 06'.0 E. 10M clearance requested.
- 103 Special purpose vessel *Pacific Titan* towing 3.5M cables in area 39° 10'.0 S 145° 15'.0 E, 39° 10'.0 S 146° 03'.0 E, 39° 25'.0 S 146° 28'.0 E, 40° 15'.0 S 146° 28'.0 E and 40° 15'.0 S 145° 15'.0 E. 5M clearance requested.
- 104 Special purpose vessel *Ocean Endeavour* conducting seismic survey in area 17° 40'.0 S to 19° 10'.0 S and 111° 51'.0 E to 113° 08'.0 E. 5M clearance requested.
- 105 Drill rig *Ocean Epoch* in position 20° 07'.00 S 115° 01'.43 E. 2.5M clearance requested.
- 106 Drill rig *West Triton* in position 38° 31'.10 S 147° 37'.30 E. 2.5M clearance requested.
- 107 Special purpose vessel *Pacific Explorer* conducting seismic survey towing six 4M cables within 20M of position 42° 20'.0 S 145° 00'.0 E. 5M clearance requested.
- 108 Cancelled.
- 109 Special purpose vessel *Akademik Fersman* conducting seismic survey in area 14° 30'.0 S to 19° 30'.0 S and 117° 00'.0 E to 122° 00'.0 E. 2.5M clearance requested.
- 110 Cancelled.
- 111 Cancelled.
- 112 Drill rig *Wilcraft* in position 20° 31'.60 S 116° 40'.50 E. 2.5M clearance requested.
- 113 Port Hedland E2 spar light buoy K1675.8 (20° 03'.20 S 118° 32'.70 E) altered. Range reduced to 2M and height reduced to 3 metres.
- 114 Special purpose vessel *Ile de Sein* conducting cable laying operations from 33° 54'.00 S 151° 16'.00 E to 29° 27'.00 S to 161° 07'.00 E. 1M clearance requested.
- 115 Creal Reef Racon ALRS Vol(2) 88040 (20° 31'.87 S 150° 22'.68 E) temporarily discontinued.
- 116 Rib Reek light K3120.7 (18° 28'.66 S 146° 52'.75 E) unlit.
- 117 Drill rig *Stena Clyde* in position 21° 23'.80 S 114° 04'.10 E. 2.5M clearance requested.

NAVAREA X WARNINGS

Nil received.

Navigational warnings in force as at 110001UTC APR 08.

Auscoast

2008 050 060 064 071 072 073 074 081 082 083 088 091 093 097 101 102 103 104 105 106 107 109 112 113 114
115 116 117

Navarea X

2008 007 008

Summary of mobile drilling rigs as at 110001UTC APR 08.

Name	Position
Wilcraft	20° 31'.60 S 116° 40'.50 E
Ocean Epoch	20° 07'.00 S 115° 01'.43 E
Atwood Eagle	19° 15'.36 S 113° 07'.52 E
Ocean Bounty	19° 57'.10 S 115° 19'.30 E
Jack Bates	21° 33'.56 S 113° 50'.15 E
Ensco 106	19° 42'.20 S 116° 42'.50 E
Songa Mercur	20° 01'.60 S 114° 41'.20 E
Nan Hai 6	21° 26'.22 S 114° 02'.48 E
Ocean Patriot	38° 19'.17 S 148° 43'.55 E
West Atlas	12° 30'.08 S 124° 25'.09 E
Sedco 703	21° 28'.90 S 113° 59'.40 E
<i>Songa Venus</i>	13° 51'.80 S 123° 06'.90 E
<i>West Triton</i>	38° 31'.10 S 147° 37'.30 E
<i>Stena Clyde</i>	21° 23'.80 S 114° 04'.10 E

III

NAVAREA XIV WARNINGS

018 South Pacific, Nouvelle-Caledonie, cable laying operations. Special purpose vessel *Ile de Re* conducting cable laying operations in area 23° 20'.0 S to 25° 30'.0 S and 168° 00'.0 E to 172° 35'.0 E. 1M clearance requested.

Navarea XIV warnings in force as at 110001UTC APR 08.

2008 001 017 018

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
ANT- Mawson	Depths	RSV <i>Aurora Australis</i>	M Doyle
WA- Round Island	Missing data		S Humphries

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2008

Edition No 8 dated 25 April 2008

VOLUME 2, NP 282, 2008/09

Published BA Wk 7/08
(Last Amendments: Edition No 7 dated 11 April 2008)

RADAR BEACONS

Page 68, INDIA section.

78800 Mandvi Lt.

Delete morse identification **A** and replace by: **G**

Indian Chart 203 Ad14/08

Page 88, CHINA section.

Insert:

Jingtang Gangqu Lt Buoy No 2 Racon

39°08'·56N 119°05'·03E **82152**

M

Chinese Notice 11/336/08 Ad15/08

Page 77, CHINA section.

Insert:

Dachan Wan Gangqu Lt Buoy No 1 Racon

22°31'·18N 113°51'·17E **81300**

M

Chinese Notice 12/375/08 Ad15/08

Page 128, UNITED STATES (Atlantic Coast) section.

96780 Charleston, Cooper River Bridge N.

Delete position and replace by: 32°48'·17N 79°54'·94W

United States Notice 11/11518/08 Ad14/08

ELECTRONIC POSITION FIXING SYSTEM

Page 248, Loran-C: Chains in Operation section.

INDIA (MUMBAI, (BOMBAY)) CHAIN

Delete entry

Indian Corrections to List of Radio Signals 4/08 Ad15/08

Page 253, LORAN-C CHAIN COVERAGE diagram.

Delete diagram and replace by diagram on page 24

Indian Corrections to List of Radio Signals 4/08 Ad15/08

LEGAL TIME

Page 213, Greenland (Denmark).

Delete Zone 2 Pituffik, Thule entry and replace by:

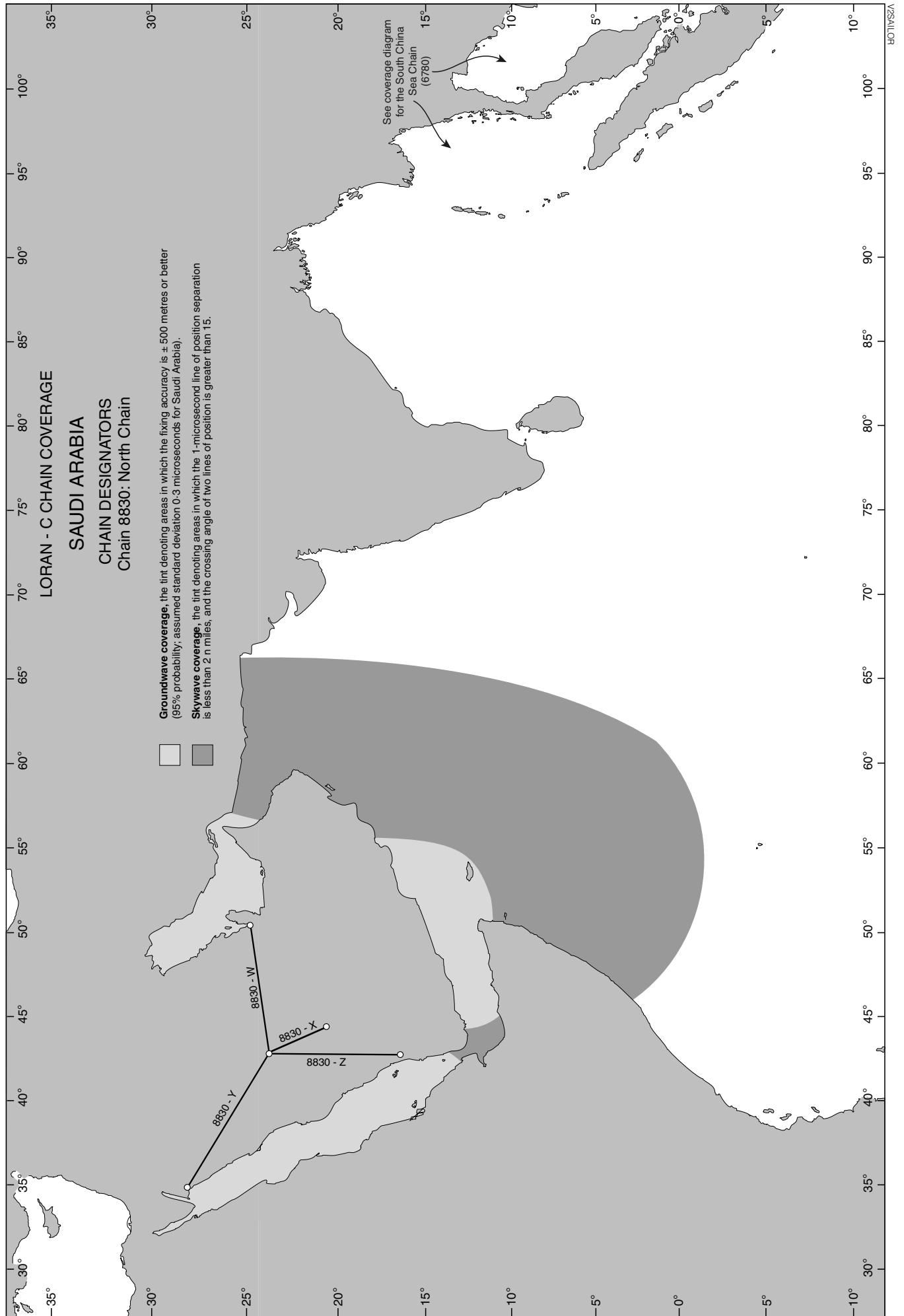
Zone 2 Pituffik, Thule	+04	+03	Second Sun in March 0200h LT	First Sun in Nov 0200h LT
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OAG Worldwide Ltd Ad14/08

Page 217, Syria, Daylight Saving Time, Begins column.

Delete 1 April each year 0001h LT and replace by: 4 April 2008 0001h LT

OAG Worldwide Ltd Ad14/08



VOLUME 3, PART 2, NP 283(2), 2008/09Published BA Wk 5/08
(Last Amendments: Edition No 7 dated 11.April)**RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS****Page 142, CHILE, after NAVTEX section.**

Insert new entry:

ACHAO (CBP25)				42°28'S 73°30'W
	Ch 14	VHF		
Weather Bulletins				
0120 1320	Weather forecast for areas Butachauques / Golfo Corcovado in Spanish.			

Armada de Chile Ad15/08

Page 143, CHILE, BAHÍA FÉLIX.

Delete station and replace by:

BAHÍA FÉLIX (CBX)				52°58'S 74°05'W
A	2738	RT (MF)		
B	Ch 14	VHF		
Weather Bulletins				
A: 0215 1315	Weather forecast for areas Faro Evangelistas, Faro Fairway and Bahia Felix.			
B: 0135 1335	Special forecasts for areas Felix / Froward and Paso Tamar in Spanish.			

Armada de Chile Ad15/08

Page 146, CHILE, after PUNTA DUNGENESS, FARO.

Insert new entry:

QUELLÓN (CBP28)				43°08'S 73°38'W
A	2738	RT (MF)		
B	Ch 10	VHF		
Weather Bulletins				
A: 0115 1315	Weather forecast for area Golfo Corcovado / Islas Guaitecas in Spanish.			
B: 0130 1330				

Armada de Chile Ad15/08

Page 147, CHILE, VALPARAÍSO PLAYA ANCHA (CBV) & MRCC, Weather Bulletins and Navigational Warnings sections.

Delete and replace by:

Weather Bulletins	
A: 1210	Storm warnings, synopsis and forecast for Areas 1-6 in English. Spanish on request.
A: 1610	Storm warnings, synopsis and forecast for Areas 7 and 8 in English. Spanish on request.
A: 1845	Storm warnings, synopsis and 24 hour forecast for Area 10 in English. Spanish on request.
B: 1235 2335	Storm warnings, synopsis and 24 hour forecast for Areas 1-6 in Spanish.
C: 1215 2315	Forecast for Valparaíso Bay and Areas 2 and 3 in Spanish.
Navigational Warnings	
A: 1430	NAVAREA XV warnings and coastal warnings (NURNAV) in English. Spanish on request.

Armada de Chile Ad15/08

VOLUME 5, NP 285, 2007/08

Published BA Wk 25/07
(Last Amendments: Edition No 6 dated 28 March 2008)

Chapter 9 VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1**Page 112, Ivory Coast (Côte d'Ivoire).**

Delete entry and replace by:

Ivory Coast (Côte d'Ivoire)

Abidjan	006191000	5°20'N 4°01'W	50	Operational (MRCC Abidjan)
Remotely controlled stations:-				
Grand Lahou		5°16'N 5°01'W	50	
Kouakro		5°16'N 3°29'W	50	
Marcory		5°22'N 3°58'W	50	
San-Pedro		4°44'N 6°37'W	50	
Sassandra		4°57'N 6°05'W	50	
Tabou		4°25'N 7°22'W	50	

Diagrams R4A, R9A, and R10A on pages 157, 163 and 164 and diagrams R4, R9 and R10 on pages 381, 387 and 388 will be updated in the new edition of NP285 to be published in June 08:

Ministry of Transport Cote D'Ivoire Ad14/08

Chapter 10 MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2**Page 141, Ivory Coast (Côte d'Ivoire).**

Delete entry and replace by:

Ivory Coast (Côte d'Ivoire)

Abidjan	006191000	5°20'N 4°01'W	500	Operational (MRCC Abidjan)
Remotely controlled stations:-				
Grand Lahou		5°16'N 5°01'W	500	
Kouakro		5°16'N 3°29'W	500	
Marcory		5°22'N 3°58'W	500	
San-Pedro		4°44'N 6°37'W	500	
Sassandra		4°57'N 6°05'W	500	
Tabou		4°25'N 7°22'W	500	

Diagrams R4A, R9A, and R10A on pages 157, 163 and 164 and diagrams R4, R9 and R10 on pages 381, 387 and 388 will be updated in the new edition of NP285 to be published in June 08:

Ministry of Transport Cote D'Ivoire Ad14/08

VOLUME 6, PART 4, NP 286(4), 2007/08

Published BA Wk 35/07
(Last Amendments: Edition No 7 dated 11 April 2008)

Page 11, AUSTRALIA, BUNBURY, W.A., Pilots and Port, PROCEDURE.

Delete section (4) and replace by:

(4) Pilot boards in position 33°15'·80S 115°38'·10E.

Helen Cole, Bunbury Hr Mr Ad14/08

AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2008

NP 62 Pacific Islands Pilot Volume III (2006 Edition)

*The following notice is to be implemented at
0000 UTC on 1st May 2008*

**NW Hawaiian Islands — PSSA; ATBA;
reporting system**

9

After Paragraph 1.67 Insert:

Particularly sensitive sea area

1.67a

- 1 To protect the environment of the Northwestern Hawaiian Islands, a Particularly Sensitive Sea Area, the Papahānaumokuākea Marine National Monument (15.3a) has been established. For extracts of the regulations which prohibit and restrict certain activities within the area, see Appendix X. For full details see U.S. Code of Federal Regulations 50 CFR 404 and for additional information see <http://hawaiiireef.noaa.gov>.

Reporting system

1.67b

- 1 A ship reporting system (CORAL SHIPREP) is established for Papahānaumokuākea Marine National Monument. For further information *Admiralty List of Radio Signals Volume 1* (2).

331

Existing Section IV Notice Week 26/07 Paragraph 15.3a including heading *Replace by:*

Papahānaumokuākea Marine National Monument

15.3a

- 1 Papahānaumokuākea Marine National Monument (see diagram at Appendix X), a Particularly Sensitive Sea Area (1.67a), encompasses an area approximately 50 miles to seaward of the islands, atolls and reefs contained between 23°N to 29°N and 161°W to 179°W. This area includes all areas of Hawaiian Islands National Wildlife Refuge (15.4) and Midway Atoll National Wildlife Refuge (15.78). For extracts of the regulations which prohibit and restrict certain activities within the area, see Appendix X. For full details see U.S. Code of Federal Regulations 50 CFR 404 and any additional information see <http://hawaiiireef.noaa.gov>.

Paragraph 15.5 *Replace by:*

- 1 **Areas to be avoided.** The IMO has adopted certain areas within Papahānaumokuākea Marine National Monument which should be avoided. All vessels solely in transit should avoid the areas contained within a circle of radius 50 miles centred on the following positions:
- 2 23°03'N 161°55'W (Nihoa Island) (15.9).
23°35'N 164°42'W (Necker Island) (15.16).
23°45'N 166°15'W (French Frigate Shoals) (15.22).
25°00'N 168°00'W (Gardner Pinnacles) (15.37).
25°20'N 170°01'W (Between Maro Reef and Raita Bank).

- 3 25°25'N 170°35'W (Maro Reef) (15.46).
25°46'N 171°44'W (Laysan Island) (15.53).
26°04'N 173°58'W (Lisianski Island) (15.62).
27°51'N 175°51'W (Pearl and Hermes Atoll) (15.68).
28°14'N 177°22'W (Midway Islands) (15.73).
28°24'N 178°20'W (Kure Atoll) (15.92).

- 4 The areas contained between the following geographical positions:

26°53'·2N 173°49'·6W to 26°35'·6N 171°35'·6W.
25°14'·4N 174°06'·4W to 24°57'·6N 171°57'·1W.
25°38'·9N 167°25'·3W to 24°24'·8N 165°40'·9W.
24°14'·3N 168°22'·1W to 23°05'·8N 166°47'·8W.

After Paragraph 15.6 Insert:

Reporting system

15.6a

- 1 See 1.67b.

International Maritime Organization

[Ad 14/08]

Submarine Cables and Pipelines

Background

Submarine communications cables are underwater telecommunications infrastructure linking Australia with other countries. They carry over 99 per cent of our international voice and data traffic and are a vital component to our national infrastructure. The cables are vulnerable to damage and breakage, which can have serious consequences for the flow of communications traffic to and from Australia.

Submarine cables are depicted on Australian Navigational Charts. Mariners are warned to avoid anchoring or trawling within one nautical mile of the vicinity of submarine cables. In general, the accuracy with which cables are laid and charted varies with the distance from land, and the navigation methods available when the cable was installed. Cables laid before satellite navigation became commonplace could be displaced up to 1nm from the charted position. Cables laid more recently are usually positioned considerably better; however cables may have been moved from their original position due to cable repair operations. The most recent updated charts should always be consulted.

The cables do not always lie flat and straight on the seabed. Seabed irregularities may result in cable suspensions occurring. During repair work, when a new section is spliced in, it is necessary for the repair ship to install a length of cable approximately twice the depth of the water. This excess cable may form loops and protrude from the seabed. Cable burial can only take place where the seabed is geologically suitable and tide and current conditions are favourable.

In the event of fouling a submarine cable every effort should be made to clear the anchor or gear by normal methods. Should these fail, the anchor or gear should be slipped and abandoned without attempting to cut the cable. High voltages are often fed into cables and pose a serious risk if an attempt is made to cut them.

Submarine Cables Protection Zones

Under Schedule 3A of the *Telecommunications Act 1997*, the Australian Communications Media Authority has declared three submarine cable protection zones; Northern Sydney, Southern Sydney and Perth. These zones protect submarine telecommunication cables that are of national significance to Australia.

Northern Sydney:

This zone extends from Narrabeen Beach to 40 nautical miles off shore and protects the Northern branches of the Australia Japan Cable and the Southern Cross Cable, including the area between these two cables.

Southern Sydney:

This zone extends from Tamarama and Covelly Beaches to 30 nautical miles off shore and protects the Southern Branches of the Australia Japan Cable and the Southern Cross Cable including the area between these cables.

Perth:

This cable extends from City Beach and extends approximately 51 nautical miles offshore. It covers the SEA-ME-WE3 cable and extends up to one nautical mile either side of the cable.

Within these protection zones activities such as operating trawl gear designed to work on or near the seabed, or a mid water trawl, dredging, are prohibited whilst activities such as anchoring and the use of pots and traps that could damage submarine cables are restricted. Details of the activities restricted or prohibited by the protection zones can be found in each of the declaration documents *Submarine Cable (Northern Sydney Protection Zone) Declaration 2007*, *Submarine Cable (Southern Sydney Protection Zone) Declaration 2007* or *Submarine Cable (Perth Protection Zone) Declaration 2007* which can be found on the ACMA website.

It is an offence to damage a submarine cable within a protection zone and significant criminal and civil penalties apply. Further information about the location and restrictions for each of the protection zones can be found on the ACMA website (www.acma.gov.au/subcables). Navigational charts have been updated to reflect the declaration of the zones and details are available via Google Earth.

Cables in other Locations

The Australian Communications Media Authority also issues permits for the installation of submarine cables outside protection zones (non protection zone permits) under Schedule 3A of the *Telecommunications Act 1997*. These cables are marked on most maritime maps and are also covered by the *Submarine Cables and Pipelines Protection Act (1963)*, which gives effect to Australia's obligations under the UN Convention on

the Law of the Sea with respect to submarine cables (including petroleum and gas pipelines, electricity cables and telecommunications cables). The Act applies to Australian ships in the Australian EEZ. The Act entitles mariners to claim compensation from cable companies if they have sacrificed an anchor, net or other fishing gear in order to avoid damaging a submarine cable and outlines a range of offences for the breaking or injuring a cable. Details of an incident must be entered into the vessel's Log.

Reporting and Compensation

To report an incident with a submarine cable or to claim compensation for a lost gear the vessel involved must lodge a report in writing within 24 hours of arrival at the next port of call. The report must include:

- Vessel's name, registration number, Master's name and contact details;
- Name and address of the vessel's owner;
- The vessel's position at the time of the incident (indicate land bearings and readings off navigation systems used);
- Water depth;
- Charts in use;
- A description of cable if sighted;
- A copy of the relevant page from the vessel's log
- Action taken to free gear and / or avoid damage to the cable.

This information will be used to process claims and to identify if there is any error in the charted position of the cable.

Incidents involving submarine cables should be reported to the Australian Federal Police Canberra Operations Centre on (02) 6218 8888.

Claims for compensation should be sent to the owner of the submarine cable involved. Contact details for cable owners can be found on the ACMA website: www.acma.gov.au/subcables

Accident and Incident Reporting Application

Australian law requires vessels registered in Australia and foreign flagged vessels in Australian waters or on a voyage to or from an Australian port to report a range of accidents and incidents. Specific requirements are listed below. Any Master who may be in doubt as to the necessity to report an incident is advised to contact the Rescue Co-ordination Centre Australia (RCC Australia).

Accidents and Incidents

Section 268 of the *Australian Navigation Act* (the Act) requires the following incidents to be reported:

- An accident occasioning loss of life or serious injury to a person;
- Damage or defect in the ship, machinery or equipment which may affect the seaworthiness or safety of the ship, efficient operation or safety of the machinery or fixed equipment of the ship;
- The ship has been in a position of peril from the action of another ship or from danger of wreck or collision;
- The ship has been stranded or wrecked, has fouled or damaged a pipeline or submarine cable, lighthouse, lightship, beacon, buoy or other marine mark; and
- Where a ship having left port in Australia had put back to that port or another port in Australia.

Section 269 of the Act requires the owner or agent of a vessel to give notice in writing if it is believed that the vessel has been wholly lost.