



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 274 - 317

List of Temporary and Preliminary Notices in force
[Cumulative List – April 2005](#)

Published fortnightly by the Australian Hydrographic Service

R. NAIRN
Hydrographer of Australia

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

[British Admiralty Notices to Mariners](#)
[New Zealand Notices to Mariners](#)

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

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

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

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

Edition No 7

1 April 2005

Notices	Aus Chart, INT Chart, ENC Cell, AHO Pub, BA Pubs
274.....	Aus 81, 169, 422, 742
275.....	Amendment to Australian Seafarers Handbook AHP 20
276.....	Indian Ocean - Military operations.
277.....	Aus 110, 136, 157, 170, 171, 202, 264, 309, 311, 333, 349, 355, 356, 373, 454, 608, 700, 722, 751, 795, 824, 827, INT 9020, AX 70309, 70722
278.....	Aus 238
279.....	Aus 244, 245
280.....	Aus 372, 373, 830, AU418146
281.....	Aus 270, AU5270P6
282.....	Aus 374, 833, 834, AU414144
283.....	Aus 4621, INT 621
284.....	Aus 26, 28
285.....	Aus 44, 314, 317, 319, 322
286.....	Aus 327, 415, 741, 4722, INT 722
287.....	Aus 136
288.....	Aus 171, 172
289.....	Aus 143, 144, 158
290.....	Cumulative List – April 2005
291(T).....	Aus 200, 203
292(T).....	Aus 361, 423, 424, 809
293(T).....	Aus 4, 236, 247, 249, 251, 256, 365, 813, 814, 830
294(T).....	Aus 236
295(T).....	Aus 236
296(T).....	Aus 236
297(T).....	Aus 236
298(T).....	Aus 235
299(T).....	Aus 254
300(T).....	Aus 256, 257, AU420146, 5_ _257
301(T).....	Aus 840
302(T).....	Aus 379, 505, 620, 621, 622, 4620
303(T).....	Aus 381, 567, 625
304(T).....	Aus 381, 567, 625, 629
305(T).....	Aus 381, 630
306(T).....	Aus 384, 570, 4621, INT 621
307(P).....	Aus 289, 292, 293, 294, 296, 299, 376, 700, 839, AU499142
308(T).....	Aus 20, 720, 722, AX 70722
309(T).....	Aus 311, 312, 313, 4721, INT 721
310(T).....	Aus 32
311(T).....	Aus 50
312(T).....	Aus 328, 742
313(T).....	Aus 81
314(T).....	Aus 110, 118
315(T).....	Aus 169, 356
316(T).....	Aus 169, 356
317(T).....	Temporary and Preliminary Notices in Force

274 AUSTRALIA - Products.

AHO (A128039), British Admiralty (A132121 & A133422).

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 81	21/01/2005	Australia – West Coast - Western Australia - Port of Geraldton 28° 39'.30 S - 28° 48'.00 S 114° 27'.40 E - 114° 37'.40 E Plan: Port of Geraldton 28° 45'.03 S - 28° 46'.90 S 114° 34'.00 E - 114° 37'.00 E <i>New chart providing improved coverage of the approaches, including new channel. Datums are referred to WGS84 and LAT.</i>	1:25 000 1:7 500	4	Aus 65001	\$29.50
Aus 169	21/01/2005	Australia - Tasmania – Plans in Tasmania (Sheet 3) Plan: Schouten Passage 42° 13'.50 S - 42° 22'.00 S 148° 07'.43 E - 148° 22'.77 E Georges Bay 41° 13'.02 S - 41° 21'.50 S 148° 14'.00 E - 148° 24'.00 E Blackman Bay 42° 49'.00 S - 42° 55'.00 S 147° 46'.50 E - 147° 56'.50 E Coles Bay 42° 07'.40 S - 42° 08'.78 S 148° 15'.67 E - 148° 18'.32 E <i>New metric chart providing improved larger scale coverage of Blackman Bay, Coles Bay, Schouten Passage and Georges Bay. Datums are referred to WGS84 and LAT.</i>	 1:75 000 1:25 000 1:25 000 1:15 000	6	Aus 65001	\$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 422	21/01/2005	Australia - South Coast - Cape Otway to Gabo Island including Tasmania <i>General updating throughout.</i>	1:1 000 000	1	Aus 65001	\$29.50

New Edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected stock availability</i>
Aus 742	Australia – North West Coast – Western Australia – Rosemary Island to Barrow Island	1:150 000	29 April 2005

Chart permanently withdrawn

<i>Chart</i>	<i>On publication of new chart/new edition</i>
Aus 81	Aus 81
Aus 422	Aus 422

Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP 14	Australian Pilot Volume II (Ninth Edition 2004)	18/11/2004	Australian Pilot Volume II (Eighth Edition 2001) is cancelled. This volume contains a CD ROM version.
NP 100	The Mariner's Handbook (Eighth Edition)	14/10/2004	The Mariner's Handbook (seventh Edition 1999), The Mariner's Handbook Millennium Edition and NP100 Supplement (2003) are cancelled. This volume contains a CD ROM version.

275 AUSTRALIA - Products - Amendment to Australian Seafarers Handbook AHP 20.
AHO (A133053).

State and Territory Marine Protected Area *page 79* amend see Australian Annual Notices to Mariners No 9 to read see *Australian Annual Notices to Mariners No 28*.

276 INDIAN OCEAN - Military operations.
Embassy of the Federal Republic of Germany (A133560).

In order to support the US and multinational task groups in their surveillance and anti-terrorist operation in the area of the Gulf of Aden and approaches, German Task Group 500.01 is tasked with providing shipping information and acting as a point of contact for merchant shipping. Information will be forwarded to merchant shipping in the area.

All merchant shipping is invited to participate to improve the reporting and exchange of information. Such reporting is voluntary however, Civil Maritime Authorities are encouraged to support this service which, by its stabilizing naval presence, benefits shipping in the region.

Shipping companies and merchant ships are kindly requested to report detailed information to Task Group by email: ctg500.01@arcor.de or by Inmarsat 00870 321 821 710. All ships are requested to provide name, international callsign, IMO number and general nature of cargo.

Ships intending to transit an area of operation westward to the Red Sea and the Suez Canal are requested to provide position, ETD and name of last port of call, and ETA Suez.

Ships intending to transit eastwards after passing Suez Canal are requested to provide position, ETD Suez and next port of call. General information and the "ship-data" form are also available on the website: www.scc-gluecksburg.de

The emphasis is on the exchange of information between military authorities, naval forces and merchant shipping. Provision of this information will assist in the compilation of an accurate shipping plot for the security of shipping by naval forces in the region. It will also reduce VHF traffic between merchant ships and warships.

277* AUSTRALIA - Miscellaneous correction.
AHO (A121281).

Aus 110 [582/2004]

Substitute	accompanying note for Historic Wreck note	35° 06'.9 S	118° 07'.9 E
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Aus 136 [57/2005]

Substitute	accompanying legend for ZOC CATEGORIES	32° 58'.2 S	138° 00'.0 E
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accompanying note for Restricted Area note	32° 56'.5 S	137° 42'.0 E
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Aus 157 [1026/2004]

Substitute	accompanying note for Historic Wreck note	38° 11'.9 S	144° 23'.6 E
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Aus 170 [840/2004]

Insert	magenta legend, <i>See Plan Aus 169</i> , in N border	148° 17'.5 E
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Aus 171 [246/2005]

Insert	magenta limits, with legend <i>Aus 169</i> in SW corner	42° 55'.09 S	147° 46'.42 E
	South		
	West		

Aus 202 [683/2004]

Substitute	accompanying legend for ZOC CATEGORIES	33° 50'.3 S	151° 14'.7 E
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Aus 264 [430/2004]

Substitute	accompanying legend for ZOC CATEGORIES	16° 57'.6 S	145° 47'.2 E
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Aus 309 [240/2005]

Substitute	accompanying note for Historic Wreck note	12° 30'.0 S	128° 05'.0 E
	accompanying AMJ note for TSA note	12° 27'.5 S	128° 16'.0 E
Insert	magenta legend, <i>EEZ (see Note)</i> , centred on	10° 41'.5 S	128° 02'.0 E
Delete	Note	12° 32'.0 S	128° 16'.0 E
	fish symbol	10° 40'.7 S	128° 01'.5 E

Aus 311 [240/2005]

Substitute	accompanying legend for ZOC CATEGORIES	9° 13'.0 S	127° 23'.5 E
	accompanying note for AMJ note	8° 57'.0 S	129° 02'.5 E
	accompanying note for JPDA note	8° 55'.0 S	128° 51'.5 E
	accompanying note for Maritime Boundaries note	8° 59'.5 S	128° 51'.5 E
	accompanying note for EEZ note	8° 50'.0 S	129° 02'.5 E

Aus 333 [200/2005]

Substitute	accompanying note for Historic Wreck note	29° 07'.5 S	115° 22'.0 E
	accompanying AMJ note for TSA note	29° 10'.5 S	115° 22'.0 E

Aus 349 [232/2005]

Substitute	accompanying note for Historic Wreck note	39° 25'.0 S	141° 56'.0 E
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Aus 355 [59/2005]

Insert	magenta limits, with legend <i>Aus 169</i> , in NE corner		
	North	41° 13'.1 S	
	South	41° 21'.6 S	
	East		148° 23'.9 E
	West		148° 13'.9 E
	magenta limits, with legend <i>Aus 169</i> , in SW corner		
	North	42° 07'.5 S	
	South	42° 08'.9 S	
	East		148° 18'.2 E
	West		148° 15'.6 E
	magenta limits, with legend <i>Aus 169</i> , in SW corner		
	North	42° 13'.6 S	
	South	42° 22'.1 S	
	East		148° 22'.7 E
	West		148° 07'.3 E
Delete	chart limits, with legend see Aus 356, centred on	41° 17'.8 S	148° 19'.8 E

Aus 356 [232/2005]

Insert	magenta limits, with legend <i>Aus 169</i> , in NE corner		
	North	41° 13'.1 S	
	South	41° 21'.6 S	
	East		148° 23'.9 E
	West		148° 13'.9 E
Delete	chart limits, with legend See Plan, centred on	41° 17'.8 S	148° 19'.8 E

Aus 356 (plan, Georges Bay)

Delete	Plan		
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Aus 373 [164/2005]

Substitute	accompanying note for DSA note	16° 04'.0 S	145° 06'.0 E
	accompanying AMJ note for TSA note	16° 42'.5 S	145° 04'.0 E
	accompanying note for PSSA note	17° 08'.0 S	145° 01'.0 E
	accompanying note for SRS note	17° 02'.5 S	145° 27'.5 E
	accompanying note for CP note	17° 07'.0 S	145° 27'.5 E

Aus 454 (INT 9020) [123/2002]

Substitute	accompanying legend for ZOC CATEGORIES	66° 46'.0 S	102° 38'.0 E
	accompanying note for Protected Areas note	66° 51'.5 S	111° 38'.0 E

Aus 608 [54/2005]

Insert	accompanying note	10° 21'.0 S	106° 07'.0 E
Delete	legend Territorial Sea of Australia: See Australian Notice to Mariners No. 13	10° 45'.0 S 10° 13'.0 S	105° 34'.0 E 105° 44'.0 E

Aus 700 [829/2004]

Substitute	accompanying note for TSTH note	11° 11'.5 S	142° 12'.0 E
	accompanying note for SRS note	10° 23'.0 S	140° 52'.0 E

Aus 722 [240/2005]

Substitute	accompanying note for Historic Wreck note	12° 31'.5 S	131° 18'.0 E
	accompanying note for AMJ note	12° 28'.5 S	131° 18'.0 E
	accompanying legend for ZOC CATEGORIES	11° 40'.0 S	131° 01'.0 E

Aus 751 [157/2005]

Insert	magenta limits, with legend <i>Aus 81</i> , in NW corner		
	North	28° 39'.37 S	
	South	28° 48'.07 S	
	East		114° 37'.32 E
	West		114° 27'.32 E
Delete	chart limits centred on	28° 45'.0 S	114° 33'.5 E

Aus 795 [624/2004]

Insert	magenta limits, with legend <i>Aus 169</i> , in NE corner		
	North	42° 49'.09 S	
	South	42° 55'.09 S	
	East		147° 56'.42 E
	West		147° 46'.42 E

Aus 824 [1013/2004]

Substitute	accompanying note for DSA note	20° 59'.5 S	148° 46'.5 E
	accompanying note for Historic Wreck note	20° 57'.8 S	148° 51'.5 E
	accompanying note for PSSA note	20° 30'.0 S	148° 39'.7 E
	accompanying note for SRS note	20° 56'.0 S	148° 51'.5 E
	accompanying note for CP note	21° 03'.0 S	148° 46'.5 E
	accompanying legend for ZOC CATEGORIES	21° 00'.5 S	149° 04'.0 E

Aus 827 [980/2004]

Substitute	accompanying note for DSA note	19° 27'.5 S	146° 47'.5 E
	accompanying note for AMJ note	19° 25'.0 S	146° 32'.5 E
	accompanying note for PSSA note	19° 29'.0 S	146° 32'.5 E
	accompanying note for SRS note	19° 23'.0 S	146° 26'.0 E
	accompanying note for Historic Wreck note	19° 24'.5 S	146° 26'.0 E
	accompanying legend for ZOC CATEGORIES	19° 25'.5 S	146° 40'.5 E

AX 70309 [240/2005]

Substitute	accompanying note for Historic Wreck note	12° 30'.0 S	128° 05'.0 E
	accompanying AMJ note for TSA note	12° 27'.5 S	128° 16'.0 E
	magenta legend, <i>EEZ</i> (see <i>Note</i>), for symbol	10° 40'.5 S	128° 01'.5 E
Delete	Note	12° 32'.0 S	128° 16'.0 E

AX 70722 [240/2005]

Substitute	accompanying note for Historic Wreck note	12° 31'.5 S	131° 18'.0 E
	accompanying note for AMJ note	12° 28'.5 S	131° 18'.0 E
	accompanying legend for ZOC CATEGORIES	11° 40'.0 S	131° 01'.0 E

278* AUSTRALIA - QUEENSLAND - Brisbane River - Bulimba Reach - Depths.

AHS (A131824).

Aus 238 (plan, Bulimba Reach) [234/2005]

Substitute	depth 7_4 m, for 7_5 m	27° 26'.47 S	153° 02'.96 E
	depth 7_2 m, for 7_3 m	27° 26'.54 S	153° 02'.87 E
	depth 6_1 m, for 6_2 m	27° 26'.62 S	153° 02'.95 E

279* AUSTRALIA - QUEENSLAND - Gladstone - Depths.

Maritime Safety Queensland (mA103347, A133132), AHS (A133138), Capt P Condon (A131887).

Aus 244 (plan, Gladstone and Adjacent Wharves) [232/2005]

Insert	depth 4_6 m, and extend contour S to enclose	23° 48'.846 S	151° 14'.753 E
	depth 10_7 m	23° 48'.913 S	151° 14'.672 E
Delete	depth 9_5 m and enclosing contour	23° 48'.88 S	151° 14'.65 E

Aus 245 [113/2005]

Insert	depth 4_6 m, and extend contour S to enclose	23° 48'.846 S	151° 14'.753 E
	depth 10_7 m	23° 48'.913 S	151° 14'.672 E
Delete	depth 9_5 m and enclosing contour	23° 48'.88 S	151° 14'.65 E

280* AUSTRALIA - QUEENSLAND - Stagg Patches - Light beacon and racon established; light buoy and racon withdrawn.

*Former Notice - 80(P)/2005 is cancelled
List of Lights Vol K/2005 -- 3167.500
AMSA ATH 2005/08 (A133303).*

Aus 372 [164/2005]

Insert	light beacon <i>Fl.2s11M</i> and magenta legend <i>Racon (O)</i>	17° 01'.43 S	146° 08'.02 E
Delete	depth 2 ₄ fm	17° 01'.5 S	146° 07'.8 E

Aus 373 [277/2005]

Insert	light beacon <i>Fl.2s11M</i> and magenta legend <i>Racon (O)</i>	17° 01'.45 S	146° 07'.81 E
	depth 2 ₄ fm	17° 01'.5 S	146° 07'.8 E

Aus 830 [164/2005]

Insert	light beacon <i>Fl.2s13m11M</i> and magenta legend <i>Racon (O)</i>	17° 01'.36 S	146° 07'.87 E
Delete	light buoy and racon	17° 00'.9 S	146° 07'.4 E
	depth 4 ₈ m	17° 01'.2 S	146° 07'.9 E

AU418146 will be updated in the May release

281* AUSTRALIA - QUEENSLAND - Cooktown - Light buoy.

Maritime Safety Queensland Notice 109/2005 (A131865).

Aus 270 (plan, Cooktown) [198/2005]

Move	special light buoy	15° 27'.48 S	145° 14'.99 E
	to	15° 27'.454 S	145° 15'.004 E

AU5270P6 will be updated in the May release

282* AUSTRALIA - QUEENSLAND - Corbett Reef to Creech Reef - Lights and racon established; light buoys withdrawn.

*Former Notice - 81(P)/2005 is cancelled
AMSA ATH 2005/04(A131351), 2005/05(A133302), Auscoast warnings 68, 70 & 71/2005 (A131503-131505).*

Aus 374 [574/2004]

Insert	light beacon, <i>Fl.7.5s14M</i> , with magenta legend <i>Racon (B)</i>	13° 54'.14 S	144° 14'.25 E
	light beacon <i>Fl(3)15s10M</i>	13° 39'.79 S	144° 05'.94 E
Delete	depth 2fm	13° 39'.4 S	144° 06'.1 E
	depth 5 ₁ fm	13° 39'.7 S	144° 05'.8 E

Aus 833 [232/2005]

Insert	light beacon, <i>Fl.7.5s22m14M</i> , with magenta legend <i>Racon (B)</i>	13° 54'.05 S	144° 14'.31 E
	light beacon, <i>Fl(3) 15s 14m 10M</i>	13° 39'.70 S	144° 06'.00 E
Delete	light buoy and racon	13° 54'.0 S	144° 17'.2 E
	light buoy	13° 54'.5 S	144° 14'.5 E
	depth 7 ₇ m	13° 54'.0 S	144° 14'.3 E

Aus 834 [157/2005]

Insert	light beacon, <i>Fl(3)15s14m10M</i>	13° 39'.70 S	144° 06'.00 E
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AU414144 will be updated in the May release

283* PAPUA NEW GUINEA - Cape Ward Hunt - Wreck southeastward.
AHS Notice 471/1973; (A133280).

Aus 4621 (INT 621) [113/2005]

Insert	stranded wreck	8° 09'.5 S	148° 27'.5 E
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284* AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Mooring buoy.
Territory Diving Services (A131481).

Aus 26 [240/2005]

Move	lit mooring buoy	12° 29'.76 S	130° 52'.34 E
	to	12° 29'.739 S	130° 52'.330 E

Aus 28 (plan, East Arm) [240/2005]

Move	lit mooring buoy	12° 29'.76 S	130° 52'.34 E
	to	12° 29'.739 S	130° 52'.330 E

285* WESTERN AUSTRALIA - Ashmore Reef - Depths.
LADS HI 390 (A133134).

Aus 44 [1020/2004]

Insert	depth, 14 ₇ m	(a) 12° 16'.681 S	123° 09'.156 E
	depth, 9 ₃ m, enclosed by contour	12° 16'.457 S	123° 08'.922 E
	depth, 18 ₆ m, enclosed by contour	12° 13'.674 S	123° 10'.102 E
	depth, 21 ₃ m	12° 12'.804 S	123° 10'.763 E
	depth, 17 ₈ m, enclosed by contour	12° 12'.373 S	123° 09'.155 E
	depth, 21 ₅ m, enclosed by contour	12° 11'.772 S	123° 11'.317 E
	depth, 10 ₂ m	12° 11'.144 S	123° 11'.842 E
	depth, 9 ₉ m, enclosed by contour	12° 10'.043 S	123° 10'.969 E
	depth, 3 ₂ m	(b) 12° 11'.038 S	123° 04'.845 E
	depth, 1 ₆ m, enclosed by contour	12° 12'.724 S	123° 04'.041 E
	depth, 0 ₅ m, extend 2m contour W to enclose	12° 11'.889 S	123° 03'.089 E
	depth, 10 ₄ m, extend contour SW to enclose	12° 11'.623 S	123° 01'.696 E
	depth, 14 ₆ m, enclosed by contour	12° 11'.808 S	123° 01'.399 E
	depth, 3 ₄ m, enclosed by contour	12° 13'.105 S	123° 00'.582 E
	depth, 7 ₂ m	12° 12'.967 S	122° 57'.949 E
	15m contour, enclosing (a), between	12° 16'.65 S	123° 08'.68 E
		12° 15'.97 S	123° 09'.27 E
	5m contour, enclosing (b), between	12° 10'.99 S	123° 04'.71 E
		12° 11'.17 S	123° 04'.67 E

Substitute	depth, 7 ₈ m, for depth 11 ₅ m	12° 12'.70 S	122° 59'.37 E
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Delete	depth 16 ₃ m with enclosing contour	12° 15'.2 S	123° 10'.5 E
	depth 10 ₇ m	12° 11'.1 S	123° 11'.8 E
	depth 10 ₅ m with enclosing contour	12° 09'.9 S	123° 11'.0 E
	depth 9 ₉ m with enclosing contour	12° 10'.8 S	123° 05'.3 E
	depth 2 ₅ m with enclosing contour	12° 10'.4 S	123° 04'.7 E
	depth 7 ₄ m with enclosing contour	12° 10'.4 S	123° 04'.8 E
	depth 16 ₅ m with enclosing contour	12° 10'.3 S	123° 04'.8 E
	depth 4 ₁ m with enclosing contour	12° 10'.1 S	123° 04'.7 E
	depth 18 ₇ m with enclosing contour	12° 10'.0 S	123° 04'.7 E
	depth 5 ₃ m	12° 12'.7 S	123° 04'.1 E
	depth 13 ₃ m	12° 11'.6 S	123° 01'.8 E
	depth 8m	12° 12'.9 S	122° 58'.0 E
	unsurveyed area with legend centred on	12° 16'.7 S	123° 09'.3 E
	unsurveyed area centred on	12° 11'.1 S	123° 04'.6 E

Aus 314 [88/2005]

Insert	depth, 14 ₇ m	(a) 12° 16'.68 S	123° 09'.16 E
	depth, 18 ₆ m, enclosed by contour	12° 13'.67 S	123° 10'.10 E
	depth, 21 ₃ m	12° 12'.80 S	123° 10'.76 E
	depth, 17 ₈ m, extend 20m contour E to enclose	12° 12'.37 S	123° 09'.16 E
	depth, 21 ₅ m, enclosed by contour	12° 11'.77 S	123° 11'.32 E
	depth, 3 ₂ m	12° 11'.04 S	123° 04'.85 E
	15m contour, enclosing (a), between	12° 17'.50 S	123° 09'.00 E
		12° 15'.97 S	123° 09'.27 E
	5m contour between	12° 10'.38 S	123° 04'.26 E
		12° 10'.74 S	123° 04'.95 E
Substitute	depth, 10 ₂ m, for depth 10 ₇ m	12° 11'.1 S	123° 11'.8 E
	depth, 9 ₉ m, for depth 10 ₅ m	12° 10'.0 S	123° 11'.0 E
	depth, 7 ₈ m, for depth 11 ₅ m	12° 12'.7 S	122° 59'.4 E
	depth, 7 ₂ m, for depth 8m	12° 12'.9 S	122° 57'.9 E
Delete	depth 16 ₃ m and semi-enclosing contour	12° 15'.3 S	123° 10'.5 E
	depth 28 ₅ m	12° 13'.1 S	123° 10'.0 E
	depth 32m	12° 11'.6 S	123° 11'.1 E
	depth 2 ₅ m	12° 10'.5 S	123° 04'.7 E
	5m contour between	12° 10'.4 S	123° 04'.3 E
		12° 10'.0 S	123° 04'.7 E
		12° 10'.7 S	123° 05'.0 E
	unsurveyed area centred on	12° 16'.7 S	123° 09'.3 E

Aus 317 [1020/2004]

Insert	depth, 14 ₇ m	(a) 12° 16'.68 S	123° 09'.16 E
	depth, 18 ₆ m, enclosed by contour	12° 13'.67 S	123° 10'.10 E
	depth, 21 ₃ m	12° 12'.80 S	123° 10'.76 E
	depth, 17 ₈ m, extend 20m contour E to enclose	12° 12'.37 S	123° 09'.16 E
	depth, 21 ₅ m, enclosed by contour	12° 11'.77 S	123° 11'.32 E
	depth, 3 ₂ m	12° 11'.04 S	123° 04'.85 E
	15m contour, enclosing (a), between	12° 17'.50 S	123° 09'.00 E
		12° 15'.97 S	123° 09'.27 E
	5m contour between	12° 10'.38 S	123° 04'.26 E
		12° 10'.74 S	123° 04'.95 E
Substitute	depth, 10 ₂ m, for depth 10 ₇ m	12° 11'.1 S	123° 11'.8 E
	depth, 9 ₉ m, for depth 10 ₅ m	12° 10'.0 S	123° 11'.0 E
	depth, 7 ₈ m, for depth 11 ₅ m	12° 12'.7 S	122° 59'.4 E
	depth, 7 ₂ m, for depth 8m	12° 12'.9 S	122° 57'.9 E
Delete	depth 16 ₃ m and semi-enclosing contour	12° 15'.3 S	123° 10'.5 E
	depth 28 ₅ m	12° 13'.1 S	123° 10'.0 E
	depth 32m	12° 11'.6 S	123° 11'.1 E
	depth 2 ₅ m	12° 10'.5 S	123° 04'.7 E
	5m contour between	12° 10'.4 S	123° 04'.3 E
		12° 10'.0 S	123° 04'.7 E
		12° 10'.7 S	123° 05'.0 E
	unsurveyed area centred on	12° 16'.7 S	123° 09'.3 E

Aus 319 [833/2004]

Insert	depth, 14 ₇ m	(a)	12° 16'.68 S	123° 09'.16 E
	depth, 18 ₆ m, enclosed by contour		12° 13'.67 S	123° 10'.10 E
	depth, 21 ₃ m		12° 12'.80 S	123° 10'.76 E
	depth, 17 ₈ m, extend 20m contour E to enclose		12° 12'.37 S	123° 09'.16 E
	depth, 21 ₅ m, enclosed by contour		12° 11'.77 S	123° 11'.32 E
	depth, 3 ₂ m		12° 11'.04 S	123° 04'.85 E
	15m contour, enclosing (a), between		12° 17'.50 S	123° 09'.00 E
			12° 15'.97 S	123° 09'.27 E
	5m contour between		12° 10'.52 S	123° 04'.60 E
			12° 10'.74 S	123° 04'.95 E
Substitute	depth, 10 ₂ m, for depth 10 ₇ m		12° 11'.1 S	123° 11'.8 E
	depth, 7 ₈ m, for depth 11 ₅ m		12° 12'.7 S	122° 59'.4 E
	depth, 7 ₂ m, for depth 8m		12° 12'.9 S	122° 57'.9 E

Delete	depth 16 ₃ m and semi-enclosing contour		12° 15'.3 S	123° 10'.5 E
	depth 28 ₅ m		12° 13'.1 S	123° 10'.0 E
	depth 32m		12° 11'.6 S	123° 11'.1 E
	5m contour between		12° 10'.4 S	123° 04'.3 E
			12° 10'.0 S	123° 04'.7 E
			12° 10'.7 S	123° 05'.0 E
	unsurveyed area centred on		12° 16'.7 S	123° 09'.3 E

Aus 322 [NC 22/08/2003]

Insert	depth, 14 ₇ m	(a)	12° 16'.68 S	123° 09'.16 E
	15m contour, enclosing (a), between		12° 17'.50 S	123° 09'.00 E
			12° 15'.97 S	123° 09'.27 E
Delete	unsurveyed area centred on		12° 16'.7 S	123° 09'.3 E

286* WESTERN AUSTRALIA - Dampier Archipelago - Production platform.

Former Notice - 83(P)/2005 is cancelled

Santos Limited (A121756 & 133146).

Aus 327 [127/2005]

Insert	lit moored storage tanker, Mo(U) WR. 15s 10/5M Modec			
	Venture II, enclosed by restricted area		19° 16'.64 S	116° 36'.48 E
	magenta pecked line, with legend <i>Cautionary Area</i>			
	(see Note), between	(a)	19° 17'.76 S	116° 39'.59 E
			19° 18'.71 S	116° 37'.97 E
			19° 20'.68 S	116° 35'.19 E
	thence a semicircle of 2.5M radius centred on		19° 18'.67 S	116° 33'.61 E
	to		19° 16'.66 S	116° 32'.03 E
	thence to		19° 14'.57 S	116° 34'.99 E
	thence to		19° 13'.49 S	116° 36'.80 E
	thence a semicircle of 2.5M radius centred on		19° 15'.62 S	116° 38'.19 E
	to (a)			

Aus 415 [698/2004]

Insert	lit moored storage tanker, Mo(U) WR. 15s 10/5M Modec			
	Venture II, and extend restricted area NE and SW to			
	enclose		19° 16'.6 S	116° 36'.6 E

Aus 741 [127/2005]

Insert	magenta pecked line, with legend <i>Cautionary Area</i>			
	(see Note), between		19° 17'.18 S	116° 40'.20 E
			19° 17'.76 S	116° 39'.59 E
			19° 18'.71 S	116° 37'.97 E
			19° 20'.68 S	116° 35'.19 E
	thence a semicircle of 2.5M radius centred on		19° 18'.67 S	116° 33'.61 E
	to		19° 17'.18 S	116° 31'.45 E

Aus 4722 (INT 722) [125/2005]

Insert	lit moored storage tanker, Mo(U) WR. 15s 10/5M Modec			
	Venture II		19° 16'.6 S	116° 36'.6 E

287* SOUTH AUSTRALIA - Port Pirie - Light characteristic.

List of Lights Vol K/2005 -- 1965.500,1965.600

Transport SA (A103367).

Aus 136 (plan, Port Pirie) [277/2005]

Amend	light characteristic to <i>F.Iso.G.6s, No 15</i>	33° 06'.34 S	137° 59'.87 E
	light characteristic to <i>F.Iso.R.6s, No 16</i>	33° 06'.29 S	137° 59'.91 E

288* AUSTRALIA - TASMANIA - Derwent River - Buoyage.

MAST (A1331810).

Aus 171 [277/2005]

Insert	special conical buoy, <i>T</i> , without topmark	42° 55'.497 S	147° 24'.117 E
	special spherical buoy, <i>P</i> , without topmark	42° 54'.349 S	147° 24'.028 E
	special cylindrical buoy, without topmark	42° 53'.863 S	147° 22'.828 E
	special conical buoy, <i>H</i> , without topmark	42° 53'.499 S	147° 23'.913 E
	red conical light buoy, <i>Q</i>	42° 53'.385 S	147° 22'.387 E
	red spar light buoy, <i>Q</i> , with circular topmark	42° 53'.994 S	147° 20'.786 E
Delete	buoy	42° 55'.5 S	147° 24'.1 E
		42° 54'.4 S	147° 24'.0 E
		42° 53'.5 S	147° 23'.9 E
		42° 54'.0 S	147° 22'.8 E
		42° 53'.7 S	147° 22'.3 E
		42° 54'.0 S	142° 20'.7 E

Aus 172 [1079/2004]

Insert	red conical light buoy, <i>Q</i>	42° 53'.385 S	147° 22'.387 E
	red spar light buoy, <i>Q</i> , with circular topmark	42° 53'.994 S	147° 20'.786 E
	special conical buoy, without topmark	42° 51'.877 S	147° 20'.192 E
Delete	buoy	42° 53'.70 S	147° 22'.32 E
		42° 54'.00 S	147° 20'.70 E
		42° 51'.85 S	147° 20'.18 E

289* AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Amendment to Nav aids.

List of Lights Vol K/2005 -- 2205.000,2206.000

Victorian Notice 28/2005 (A131156).

Aus 143 (plan, Queenscliff) [247/2005]

Insert	light <i>F.Bu (vert) 5M</i>	38° 16'.092 S	144° 40'.108 E
Delete	light	38° 16'.10 S	144° 40'.11 E

Aus 144 [205/2005]

Substitute	<i>triangular topmark, apex up</i> , for port lateral topmark	38° 16'.33 S	144° 40'.01 E
Amend	light to <i>F.Bu (vert) 5M</i>	38° 16'.09 S	144° 40'.11 E

Aus 158 [205/2005]

Substitute	<i>triangular topmark, apex up</i> , for port lateral topmark	38° 16'.33 S	144° 40'.01 E
Amend	light to <i>F.Bu</i>	38° 16'.09 S	144° 40'.11 E

290 AUSTRALIA - Products - Cumulative List of Australian Notices to Mariners - April 2005.

AHS (133489).

The Cumulative List of Australian Notices to Mariners - April 2005 is issued as an [accompanying supplement](#).

It lists all permanent notices affecting charts in the Area of Australian Charting Responsibility published in the preceding two years since Edition 7 of 2003 dated 4 April 2003.

291(T)/2005 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Scientific instrument recovered.

Former Notice - 68(T)/2005 is cancelled

HMAS Penguin (A133617).

Cancel this notice on receipt.

Chart formerly affected – Aus 200 – Aus 203

292(T)/2005 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Fish aggregating devices westward.

Broken Bay Fishing Club (A92863).

Eight FAD's, marked by spherical buoys, exist between 33° 40'.0 S 151° 50'.0 E and 33° 30'.96 S 151° 55'.71 E (WGS84 datum).

Chart temporarily affected – Aus 361 – Aus 423 – Aus 424 – Aus 809.

293(T)/2005 AUSTRALIA - QUEENSLAND - Burleigh Head to Weipa - Scientific instruments.

Former Notices - 236(T)/2004 & 237(T)/2004 are cancelled

Maritime Safety Queensland Notice 123(T)/2005 (A133369).

As of 8 March 2005 special light buoys, *Fl(5) Y. 20s*, are on station in the positions (WGS 84) below.

Craft are not to use these buoys as moorings.

The most convenient chart is quoted.

<i>Location</i>	<i>Position</i>	<i>Depth</i>	<i>Chart affected</i>
* Point Danger	28° 10'.849 S 153° 34'.698 E	25m	Aus 814
* Gold Coast	27° 57'.944 S 153° 26'.580 E	18m	Aus 814
* Point Lookout	27° 29'.740 S 153° 37'.543 E	68m	Aus 814
Moreton Bay	27° 14'.970 S 153° 11'.890 E	12m	Aus 236
* Arkwright Point	26° 34'.328 S 153° 07'.096 E	21m	Aus 365
* Lisa Jane Shoal	23° 18'.401 S 151° 04'.368 E	22m	Aus 247
* Hay Point	21° 16'.482 S 149° 32'.891 E	10m	Aus 249
* Bailey Islet	21° 02'.492 S 149° 32'.891 E	32m	Aus 251
* Cape Cleveland	19° 09'.577 S 147° 03'.027 E	17m	Aus 256
* Double Island	16° 43'.929 S 145° 42'.610 E	14m	Aus 830
* Albatross Bay	12° 40'.531 S 141° 45'.123 E	7m	Aus 4

* Indicates new or revised entry.

Chart temporarily affected – Aus 4 – Aus 236 – Aus 247 – Aus 249 – Aus 251 – Aus 256 – Aus 365 – Aus 813 – Aus 814 – Aus 830.

294(T)/2005 AUSTRALIA - QUEENSLAND - Moreton Bay - Obstruction marked by sign.

Maritime Safety Queensland Notice 112(T)/2005 (A132528).

A sign, marking an obstruction has been established in 27° 38'.203 S 153° 21'.636 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236.

295(T)/2005 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly - Light buoys withdrawn.

Former Notice - 670(T)/2004 is cancelled

Maritime Safety Queensland Notice 130/05 (A133658).

Cancel this notice on receipt.

Chart formerly affected – Aus 236

296(T)/2005 AUSTRALIA - QUEENSLAND - Moreton Bay - Manly - Harbour works.

Maritime Safety Queensland Notice 345(T)/2004 (A101263).

Harbour works are in progress between positions 27° 27'.30 S 153° 11'.27 E and 27° 27'.40 S 153° 11'.32 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236.

297(T)/2005 AUSTRALIA - QUEENSLAND - Moreton Bay - Cabbage Tree Head - Light buoy northwestward.
Maritime Safety Queensland Notice 131(T)/2005 (A133657).

A light buoy, Q.G, exists in position 27° 19'.349 S 153° 05'.167 E.

Chart temporarily affected – Aus 236.

298(T)/2005 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling.
Maritime Safety Queensland Notice 126(T)/2005 (A133664).

Mariners are advised that a 2.5m shoal patch, of 50m diameter, with least depth of 2.2m exist in approx position 26° 40'.86 S 153° 07'.79 E.

Mariners should use caution when transiting the entrance.

Chart temporarily affected – Aus 235.

299(T)/2005 AUSTRALIA - QUEENSLAND - Hamilton Island - Dredging completed.
Former Notice - 600(T)/2004 is cancelled
Maritime Safety Queensland Notice 121/2005 (A133306).

Cancel this notice on receipt.

Chart formerly affected – Aus 254

300(T)/2005 AUSTRALIA - QUEENSLAND - Townsville - Depth information.
Former Notice - 78(T)/2005 is cancelled
Maritime Safety Queensland Notice 136(T)/2005 (A133748).

Available depths as at 15 March 2005:

	<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	11.7	
Inner Harbour:		
* Harbour	11.7	
Berths:		
* No 1	12.2	
No 2	12.8	
No 3	12.2	
No 4	10.4	
* No 7	11.2	
* No 8	10.3	
No 9	12.2	
* No 10	9.4	To seaward dolphin
* No 11	11.7	
* Between No 7 and No 8	11.1	Seaward of zero mark at No 7 berth
* Between No 9 and No 10	10.5	Seaward of zero mark at No 10 berth
* Ross River Channel	1.1	
Ross River and Ross Creek	-	No declared depth

* Indicates revised entry.

Chart temporarily affected – Aus 256 – Aus 257 - AU420146 - AU5_ _257.

301(T)/2005 AUSTRALIA - QUEENSLAND - Great North East Channel - Marsden Island - Scientific instrument westward.
HMAS *Mermaid* (A133618).

Scientific instrument, marked by a buoy, exist in position 9° 42'.67 S 143° 17'.81 E.

Chart temporarily affected – Aus 840.

302(T)/2005 PAPUA NEW GUINEA - Redscar Bay to Port Moresby - Lights unlit.

Former Notice - 146(T)/2005 is cancelled

DOT PNG (A133616).

The following lights are unlit:

<i>Name</i>	<i>Position</i>	<i>Volume K</i>
Redscar Head	9° 16'.4 S 146° 54'.0 E	K3464.4
Boera Head	9° 23'.5 S 147° 00'.8 E	K3463.8
Idi Island	9° 25'.6 S 146° 52'.9 E	K3464
Haidana Island	9° 27'.2 S 147° 01'.5 E	K3463.4

* Indicates new entry.

Chart temporarily affected – Aus 379 – Aus 505 – Aus 620 – Aus 621 – Aus 622 – Aus 4620.

303(T)/2005 PAPUA NEW GUINEA - Weka Una - Light beacon destroyed.

List of Lights Vol K/2005 -- 3455.000

DOT PNG Notice 05/08 (A132143).

The light beacon (10 ° 36'.2 S 150 ° 36'.6 E) (WGS84 datum) is destroyed.

Chart temporarily affected – Aus 381 – Aus 567 – Aus 625.

304(T)/2005 PAPUA NEW GUINEA - Weka Una to Isulailai Point - Lights restored to normal.

Former Notice - 218(T)/2005 is cancelled

List of Lights Vol K/2005 -- 3452.000,3453.000,3455.000

DOT PNG Notice 05/08 (A132139).

Cancel this notice on receipt.

Chart formerly affected – Aus 381 – Aus 567 – Aus 625 – Aus 629

305(T)/2005 PAPUA NEW GUINEA - Shortland Reef - Light restored to normal.

Former Notice - 110(T)/2003 is cancelled

List of Lights Vol K/2005 -- 3440.000

DOT PNG Notice 05/12 (A133679).

Cancel this notice on receipt.

Chart formerly affected – Aus 381 – Aus 630

306(T)/2005 PAPUA NEW GUINEA - Trobriand Island - Kitava Island - Light restored to normal.

Former Notice - 260(T)/2005 is cancelled

List of Lights Vol K/2005 -- 3437.000

DOT PNG Notice 05/10 (A133615).

Cancel this notice on receipt.

Chart formerly affected – Aus 384 – Aus 4621 – Aus 570

307(P) AUSTRALIA - TORRES STRAIT - Hammond Hill - Changes to tide gauge broadcast.

Former Notice - 715(P)/2004 is cancelled

AMSA ATH 2005/06(P) (A133676).

Modifications will be made to the tide gauge network broadcast originating from Hammond Hill (10° 32'.0 S 142° 13'.3 E). Changes to the tide height broadcast will affect the morse code broadcast IMM Band, Channel 68 (156.425 MHz) and the telephone answering machine (07) 4069 2821 which will be modified to include a tide height and streams information (current) for the Nardana Patches site.

Initially, the broadcast will indicate that data for Nardana Patches is unavailable. This is to permit data validation. On or about 30 April it is expected that Nardana Patchestide and current data will be added to the broadcast.

Character:

Synchronised morse code transmissions (system synchronisation (T=0)).

Each station character is followed by pseudo-morse indication of tide height as:

[metres in dots] [space] [decimetres in dots]

Zero values represented by dash.

Error value indicated by warble tone.

<i>Station</i>	<i>Character</i>	<i>Sequence</i>
Booby Island	BB	T + 10
Goods Island	GI	T + 50
Turtle Head	TH	T + 70
Nardana Tide	NT	T + 90
Nardana Streams	NS	T + 110
Ince Point	IP	T + 130

Range: 24M

Transmission Frequency: IMM Band, Ch 68 (156.425 MHz)

Telephone Answering Machine: Modified by the IMARK communications (cuts out after four minutes) Ph (07) 4069 2821.

IALA Availability Category: 1

Chart which will be affected – Aus 289 – Aus 292 – Aus 293 – Aus 294 – Aus 296 – Aus 299 – Aus 376 – Aus 700 – Aus 839 - AU499142.

308(T)/2005 AUSTRALIA - NORTHERN TERRITORY - Rooper Rock - Light buoy replaced in position.

Former Notice - 220(T)/2005 is cancelled

Auscoast warning 047/05 (A133681).

Cancel this notice on receipt.

Chart formerly affected – Aus 20 – Aus 720 – Aus 722 – AX 70722

309(T)/2005 EAST TIMOR - Pulau Jaco - Light unlit.

List of Lights Vol K/2005 -- 1371.500

MV *Total Provider* (A133672).

The light (8° 25'.3 S 127° 20'.2 E) is unlit.

Chart temporarily affected – Aus 311 – Aus 312 – Aus 313 – Aus 4721.

310(T)/2005 WESTERN AUSTRALIA - Wyndham - Middle Ground - Light buoy repositioned.

Ordco Wyndham Port (A133137).

The light buoy (15° 18'.145 S 128° 06'.144 E) has been moved to 15° 18'.104 S 128° 06'.064 E.

Chart temporarily affected – Aus 32.

311(T)/2005 WESTERN AUSTRALIA - Broome - Scientific instrument.

C Geraghty (A133619).

Scientific instrument, marked by special buoy, exists in position 18° 00'.689 S 122° 12'.932 E (Horizontal datum unknown).

Chart temporarily affected – Aus 50

312(T)/2005 WESTERN AUSTRALIA - Barrow Island - Scientific instruments eastward.

Former Notice - 265(T)/2005 is cancelled
MetOcean (A133766).

Scientific instruments exist as follows:

<i>Position (WGS 84 datum)</i>	<i>Remarks</i>
20° 42'.81 S 115° 23'.48 E	4 white poly-floats
20° 42'.74 S 115° 23'.56 E	4 white poly-floats
20° 41'.22 S 114° 46'.48 E	sub-surface

Chart temporarily affected – Aus 328 – Aus 742.

313(T)/2005 WESTERN AUSTRALIA - Geraldton - Fish farm removed.

Former Notice - 716(T)/2002 is cancelled
Geraldton Port Authority (In/2002/256) (AH99/130).

The fish farm (28° 46'.1 S 114° 36'.2 E) has been removed.

Chart temporarily affected – Aus 81.

314(T)/2005 WESTERN AUSTRALIA - King George Sound - Michaelmas Reef - Scientific instrument southward.

MetOcean (A133766).

Lit waverider buoy, Q.Y, exists in position 35° 03'.39 S 118° 00'.55 E (WGS84 datum).

Chart temporarily affected – Aus 110 – Aus 118.

315(T)/2005 AUSTRALIA - TASMANIA - Georges Bay - Shoaling.

Former Notice - 258(T)/2003 is cancelled
Marine and Safety Tasmania Notice M33-2003 (zA452).

Shoaling has encroached into the channel at the barway; vessels should transit the area at least 30 metres E of the starboard lateral buoy (41° 17'.05 S 148° 19'.73 E).

Chart temporarily affected – Aus 169 – Aus 356.

316(T)/2005 AUSTRALIA - TASMANIA - Georges Bay - Dredging.

Former Notice - 227(T)/2005 is cancelled
Marine and Safety Tasmania Notice M09-05 (A127544).

Dredge *Stay Calm* is operating in approx position 41° 16'.0 S 148° 20'.3 E.

Dredging is restricted to the ebb tide and vessels wishing to transit the barway should contact the dredge on VHF Ch 16.

Buoys established for dredging purposes are not to be used for navigation and mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 169 – Aus 356.

317(T)/2005 AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES.

Former Notice - 85(T)/2005 is cancelled
AHS (A133825).

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
		BASS STRAIT
		<i>Port Campbell</i>
1049/2004	Aus349-4709	Scientific instruments southward
		CORAL SEA
		<i>Lihou Reef</i>
653/2001	Aus614.....	Shoals
		<i>Willis Islets</i>
517/2004	Aus617-4620-4621	Light unlit
		NEW SOUTH WALES

170/2005	Aus197-808-809-810-811-812-813-70197-70808	<i>Beecroft Head to Cape Byron</i> Light buoys
292/2005	Aus361-423-424-809	<i>Boken Bay</i> Fish aggregating devices westward
211/2005	Aus199.....	<i>Botany Bay</i> Dredging; silt curtain
594/2004	Aus216.....	<i>Brisbane Water</i> Scientific instrument eastwards
844/2004	Aus197-204-215-AX70197 ..	<i>Broken Bay</i> Scientific instrument northwards
845/2004	Aus220-812	<i>Coffs Harbour</i> Obstructions
1029/2004	Aus220.....	Harbour works; buoy
210/2005	Aus197-806-807-808-809-810-811-812-813-AX70197-70808	<i>Green Cape to Lennox Head</i> Scientific instruments
333/2004	Aus810.....	<i>Harrington Inlet</i> Obstruction
137/2005	Aus193-AX60193-67192-70193.....	<i>Jervis Bay</i> Light buoys off station
169/2005	Aus193-AX60193-67192-70193.....	Obstructions
290/2004	Aus208.....	<i>Newcastle</i> Light buoys; buoys
992/2004	Aus207-208	Light buoys; light buoy withdrawn
69/2005	Aus207-208	Depth information
466/2003	Aus198.....	<i>Port Hacking</i> Nav aids
838/2002	Aus195.....	<i>Port Kembla</i> Pipeline; jetty
234/2004	Aus195.....	Obstructions; lights
545/2004	Aus195.....	Harbour works; buoy withdrawn
669/2004	Aus195.....	Infrastructure; light buoys
138/2005	Aus195.....	Drilling operations
249/2005	Aus195.....	Depth information
139/2005	Aus209.....	<i>Port Stephens</i> Rock
408/2004	Aus808-AX70808.....	<i>Shellharbour</i> Scientific instrument
NORTHERN TERRITORY		
320/2003	Aus26-28	<i>Darwin</i> Depth information
321/2003	Aus26-28	Shoaling
811/2003	Aus26-722	Wreck; light buoy
155/2004	Aus26-28-722	Survey operations
379/2004	Aus26-28	Shoaling
521/2004	Aus26-722	Wreck
639/2004	Aus26-28	Prohibited area
717/2004	Aus26-28	Light buoy altered in position
1098/2004	Aus26-28	Obstruction; light buoys
147/2005	Aus15	<i>Gove</i> Harbour works
950/2004	Aus309-311-315-AX70309 ..	<i>Troubadour Shoals</i> Scientific instruments

QUEENSLAND

1091/2004	Aus268.....	<i>Abel Point</i> Dredging operations
144/2005	Aus268.....	<i>Airlie Bay</i> Obstruction
438/2003 893/2003 994/2004 1032/2004 73/2005	Aus238..... Aus237-238 Aus237..... Aus236-237 Aus237.....	<i>Brisbane River</i> Barge and pipeline removed Depth information Harbour works Harbour works; light buoys Dredging operations
215/2005 254/2005	Aus242..... Aus242-243	<i>Bundaberg</i> Dredging operations Depth information
256/2005	Aus826.....	<i>Burdekin River</i> Obstruction; buoys
293/2005	Aus4-236-247-249-251-256- 365-814-830	<i>Burleigh Head to Weipa</i> Scientific instruments
948/2004 1094/2004 79/2005	Aus262-263-264-830- AU417145-526204 Aus263-264-AU5262_4 Aus263-264-AU5262_4	<i>Cairns</i> Depth information Wreck; light buoy Light beacon removed
174/2005	Aus371-826-827	<i>Cape Bowling Green</i> Light buoy off station
801/2004	Aus372-828-319147- AU419146.....	<i>Chicken Reef and Pith Reef</i> Scientific instruments
996/2004	Aus256-827-AU420146	<i>Cleveland Bay</i> Scientific instruments
603/2004 760/2004	Aus270-416145-AU5270P6 . Aus270-AU5270P6	<i>Cooktown</i> Depth information Light buoys out of position
712/2004	Aus281-374-375-834- AU414143	<i>Diamond Reign Reef</i> Light sectors
100/2005	Aus236-237	<i>Fisherman Islands</i> Harbour works
504/2003 122/2004 451/2004 172/2005 173/2005	Aus246..... Aus246..... Aus366..... Aus244-245-246 Aus244-245	<i>Gladstone</i> Light beacon destroyed; light buoy Shoaling Wreck Depth information Drilling operations
217/2005	Aus268-AU421148	<i>Gloucester Passage</i> Light beacon destroyed; light buoy
98/2005	Aus814.....	<i>Gold Coast Seaway</i> Shoaling
301/2005	Aus840.....	<i>Great North East Channel</i> Scientific instrument westward
1034/2004 214/2005	Aus817..... Aus241-817	<i>Great Sandy Strait</i> Light beacon destroyed; light buoy Light buoys

253/2005	Aus241-817	Light beacon destroyed
219/2005	Aus303-304	<i>Gulf of Carpentaria</i> Scientific instruments northwestward
123/2004	Aus249-250	<i>Hay Point</i> Depth information
799/2004	Aus366-426	<i>Heron Island</i> Scientific instruments
805/2004	Aus6	<i>Karumba</i> Depth information
337/2004 76/2005	Aus252..... Aus252.....	<i>Laguna Quays</i> Dredging operations Reduced depth
894/2003	Aus366.....	<i>Llewellyn Reef</i> Wreck westwards
800/2004 1089/2004 255/2005	Aus250..... Aus249-250	<i>Mackay</i> Depth information Harbour works
	Aus249-250	Light buoy; light buoy withdrawn
298/2005	Aus235.....	<i>Mooloolaba</i> Shoaling
726/2003 293/2004 488/2004 706/2004 993/2004 70/2005 71/2005 213/2005 294/2005 296/2005 297/2005	Aus235-236	<i>Moreton Bay</i> Dredging
	Aus236.....	Light buoy
	Aus235.....	Light buoy
	Aus235-236	Light
	Aus236-814	Light beacon; light buoy
	Aus235-236	Spitfire Channel- Light buoys
	Aus235-236	Dredging operations
	Aus236.....	Harbour works
	Aus236.....	Obstruction marked by sign
	Aus236.....	Harbour works
	Aus236.....	Light buoy northwestward
892/2003	Aus235-236-237-238-814	<i>Moreton Bay and Brisbane River</i> Depth information and keel clearances
413/2003	Aus258.....	<i>Mourilyan</i> Depth information
251/2005	Aus365.....	<i>Noosa</i> Obstruction; buoy
539/2000	Aus247.....	<i>Port Alma</i> Depth information
81/2004	Aus270-527001	<i>Port Douglas</i> Depth information
101/2005	Aus235-236	<i>Pumicestone Passage</i> Light beacon destroyed; light buoy
778/2002	Aus294.....	<i>Red Island</i> Stranded wreck
853/2003	Aus294.....	<i>Red Island Point</i> Shoaling
713/2004	Aus281-375-834-AU413143	<i>Robin Reef</i> Light sectors
153/2004	Aus251.....	<i>Seaforth Creek</i> Light beacons; light buoy
		<i>Shoalwater Bay</i>

216/2005	Aus260-367-370-822- AX60260	Military exercise
141/2005	Aus814.....	<i>Southport</i> Dredging
257/2005	Aus372-373-830-AU418146	<i>Stagg Patches</i> Light beacon
687/2001	Aus293-299	<i>Thursday Island</i> Depth information
270/1998	Aus257.....	<i>Townsville</i> Shoaling
454/2004	Aus256-257-420146- AU5_257	Light buoys established; light altered
490/2004	Aus257.....	Harbour works
300/2005	Aus256-257-AU420146- 5_257	Depth information
896/2004	Aus4-AU413141-5_4P1....	<i>Weipa</i> Depth information
178/2005	Aus4-AU5_4P1	Light beacon destroyed; light buoy

SOUTH AUSTRALIA

547/2003	Aus121.....	<i>Coffin Bay</i> Light altered
490/2002	Aus125-781	<i>Glenelg</i> Restricted areas; light buoys
452/2002	Aus127.....	<i>Margaret Brock Reef</i> Structure
548/2003	Aus137.....	<i>Port Adelaide</i> Depths
131/2004	Aus137.....	Shoaling
253/2004	Aus137.....	Wreck; light
724/2004	Aus137.....	Dredging; light beacon; light buoy
677/2004	Aus136.....	<i>Port Bonython</i> Light buoy off station
723/2004	Aus776-777	<i>Port Victoria</i> Light buoy off station
902/2004	Aus780-781	<i>Port Vincent</i> Yachting buoys
91/2004	Aus137-781	<i>Semaphore</i> Harbour works
721/2004	Aus120.....	<i>Smoky Bay</i> Breakwater; lights
268/2005	Aus120.....	<i>Thevenard</i> Light buoy off station
763/2004	Aus343-345-776	<i>Thistle Island</i> Obstructions
90/2004	Aus777.....	<i>Wallaroo</i> Depths
815/2002	Aus344-444-778	<i>Yarraville Shoal</i> Light beacon destroyed; light buoy

TASMANIA

57/2003	Aus163.....	<i>Burnie</i> Depth
955/2004	Aus163.....	Depth

904/2004	Aus173-795	<i>D'Entrecasteaux Channel</i>
905/2004	Aus173.....	Spat collection; light buoys
310/2004	Aus164.....	<i>Devonport</i>
		Depth information
727/2004	Aus179-356-800	<i>Flinders Island</i>
		Light unreliable
315/2005	Aus169-356	<i>Georges Bay</i>
316/2005	Aus169-356	Shoaling
		Dredging
766/2004	Aus355.....	<i>Great Oyster Bay</i>
		Scientific instruments
185/2005	Aus172.....	<i>Hobart</i>
765/2004	Aus172.....	Light buoy off station
		Depth information
89/2003	Aus173.....	<i>Huon River</i>
		Wreck; buoy
255/2004	Aus171.....	<i>Marion Bay Narrows</i>
		Leading marks re-instated; leading lights unlit; shoaling
342/2004	Aus171.....	<i>Marion Narrows</i>
		Beacon destroyed
906/2004	Aus171.....	<i>Norfolk Bay</i>
		Spat collection; light buoys
339/1997	Aus167.....	<i>Port Dalrymple</i>
		Shoal depth
270/2005	Aus176.....	<i>Port Davey</i>
		Horizontal datum anomaly
264/2002	Aus170.....	<i>Spring Bay</i>
		Depth information
226/2005	Aus355.....	<i>Wineglass Bay</i>
		Wreck
		TIMOR SEA
899/2004	Aus311-312-4721	<i>Lynedoch Bank to Sahul Banks</i>
		Scientific instruments
850/2002	Aus312.....	<i>Sahul Banks</i>
		Scientific instruments
		TORRES STRAIT
82/2004	Aus289-294-296-700- AU411141	<i>Booby Island</i>
		Tide gauge unreliable
307/2005	Aus289-292-293-294-296-299- 376-700-839-AU499142	<i>Hammond Hill</i>
		Changes to tide gauge broadcast
604/2004	Aus292-293-299-AU499142	<i>Hovell Bar</i>
		Light buoys altered in position
104/2005	Aus293-299-AU499142- 5_299.....	<i>Madge Reefs</i>
		Light buoy unlit
1095/2004	Aus292-293-700-AU499142	<i>Nardana Patches</i>
		Light sector

258/2005	Aus293-299-AU499142	<i>Thursday Island</i> Light buoys off station
VICTORIA		
1002/2004	Aus181-182	<i>Barry Beach</i> Shoaling
184/2005	Aus349.....	<i>Buttress Point</i> Drilling operations southward
679/2004	Aus181-182	<i>Corner Inlet</i> Beacon destroyed; buoy
225/2005	Aus349.....	<i>Port Campbell</i> Wells southwestward
224/2005	Aus141.....	<i>Port Fairy</i> Light buoy off station
678/2004	Aus154.....	<i>Port Phillip</i> Depth information
908/2004	Aus143-157	Harbour works
957/2004	Aus143-144-158	Shoal
962/2004	Aus154.....	Beacon; harbour works
964/2004	Aus143-158	Prohibited area; special buoy
966/2004	Aus144-158	Beacon destroyed; buoy
967/2004	Aus143-144-158	Shoaling
107/2005	Aus154-155	Harbour works
109/2005	Aus143-158	Harbour works
150/2005	Aus157.....	Channel lights altered
151/2005	Aus154.....	Lights altered
186/2005	Aus143-158	Harbour works
271/2005	Aus157.....	Depth information; shoal
272/2005	Aus154-155	Harbour works; light buoy
590/2001	Aus140.....	<i>Portland</i> Depth information
610/2004	Aus150.....	<i>Western Port</i> Beacon destroyed; buoy
228/2005	Aus150-151	Beacon destroyed
229/2005	Aus150-151	Beacon destroyed
WESTERN AUSTRALIA		
183/2005	Aus62-742-743	<i>Barrow Island</i> Scientific instruments
312/2005	Aus328-742	Scientific instruments eastward
180/2005	Aus50	<i>Broome</i> Light buoy altered
311/2005	Aus50	Scientific instrument
306/2004	Aus319-320-4721-4722	<i>Browse Island</i> Scientific instruments
1100/2004	Aus115.....	<i>Bunbury</i> Harbour works
642/2004	Aus58-59	<i>Dampier</i> Light temporarily discontinued
676/2004	Aus57-58-59	Harbour works
808/2004	Aus58-59	Lights
523/2004	Aus327-415	<i>Dampier Archipelago</i> Scientific instruments northwestwards
857/2004	Aus119.....	<i>Esperance</i> Light buoy
250/2004	Aus328-329-415-416-744	<i>Exmouth Plateau to North West Cape</i> Scientific instruments

644/2004	Aus113.....	<i>Fremantle</i> Depth information
313/2005	Aus81	<i>Geraldton</i> Fish farm removed
999/2004	Aus327-415-741	<i>Glomar Shoal</i> Scientific instruments northwards and eastwards
206/2004	Aus754.....	<i>Hillarys Boat Harbour</i> Buoy
314/2005	Aus110-118	<i>King George Sound</i> Scientific instrument southward
105/2005	Aus114-117-70117	<i>Kwinana</i> Buoys; pipeline
266/2005	Aus328-329-744	<i>North West Cape</i> Drilling operations
149/2005	Aus330.....	<i>Pearson Hill</i> Scientific instrument
83/2004	Aus53-739-740	<i>Port Hedland</i> Light beacon damaged
222/2005	Aus754.....	<i>Rottnest Island</i> Scientific instrument
1041/2004	Aus62-328-415-416-742	<i>Varanus Island</i> Platform; pipeline northwestwards
310/2005	Aus32	<i>Wyndham</i> Light buoy re-positioned
309/2005	Aus311-312-313-4721	EAST TIMOR <i>Pulau Jaco</i> Light destroyed
640/2004	Aus607.....	INDIAN OCEAN <i>Cocos Islands</i> Buoy
641/2004	Aus607.....	Light beacon
177/2005	Aus399-4604-4622	PACIFIC OCEAN <i>Bougainville Island</i> Scientific instruments northward
809/2003		PAPUA NEW GUINEA Lights
890/2004	Aus382-4060-4604-4621	<i>Adele Island</i> Light unlit
893/2004	Aus399-461-683-684-4060-4604-4622	<i>Bougainville Island</i> Lights destroyed
891/2004	Aus381-382-383-568-630-4060-4604-4621	<i>Bright Island to Jomard Island</i> Lights destroyed
300/2004	Aus376-377-378-840-4620-4720-410143	<i>Bristow Island</i> Light unlit
216/2003	Aus384-519-520	<i>Cape Nelson</i> Lights unlit
217/2003	Aus384-520-521-4620-4622	<i>Cape Nelson to Cape Ward Hunt</i> Lights unlit

588/2001	Aus625.....	<i>Kwato Eina Kaba Kwasi Shoal</i> Beacon destroyed
194/2000	Aus523-4622	<i>Lae</i> Light unlit
895/2004	Aus462-576-662-4604-4622	<i>Manus Island</i> Lights destroyed
195/2000	Aus547.....	<i>New Britain</i> Light beacons unlit
115/2002	Aus674.....	Light beacons unlit
82/2003	Aus547.....	Light beacons destroyed
571/1999	Aus666-667	<i>New Ireland</i> Light beacons destroyed
892/2004	Aus386-523-654-4603-4604-4622	<i>Nussing Island to Fortification Point</i> Lights unlit
412/2004	Aus379-380-505-4620	<i>Port Moresby</i> Fish aggregation device southwards
337/2001	Aus628.....	<i>Raven Channel</i> Light beacon unlit
302/2005	Aus379-505-620-621-622-4620	<i>Redscar Bay to Port Moresby</i> Lights unlit
888/2004	Aus380-506-4604-4620-4621	<i>Rothery Passage</i> Light beacon destroyed
215/2003	Aus523-644-4620-4622	<i>Salamaua Harbour</i> Light unlit
303/2005	Aus381-567-625	<i>Weka Una</i> Light beacon destroyed
83/2003	Aus651.....	<i>Wewak Harbour</i> Lights unlit
510/2004		MISCELLANEOUS Maritime Transport Security Framework

II

AMENDMENTS TO ADMIRALTY LIST OF LIGHT AND FOG SIGNALS VOLUME K 2005/06

Edition No 7 dated 1 April 2005.

Last Amendment: Edition No 6 dated 18 March 2005

0929-3	Kr Kanggalan	5 47-65 105 48-29	Fl W 5s	13	12	White beacon	fl 0-5. TE 2005	*
1051-132	-	6 00-69 105 57-36	Fl W 4s	12	10	White beacon	fl 1	
*	*	*	*	*	*	*		*
1051-134	-	6 00-38 105 57-59	Iso Y 2s	7	6	Yellow $\triangle$ on yellow beacon		
*	*	*	*	*	*	*		*
1051-135	-	6 00-78 105 57-66	Iso Y 4s	12	6	Yellow ∇ on yellow beacon		
*	*	*	*	*	*	*		*
1063	Karang Ayersedang	5 59-23 106 46-50	Fl G 3s	12	12	Green $\triangle$ on green beacon 10	fl 0-5	*
1066-2	Karang Puluputri	6 04-1 106 51-4	Fl R 2s	14	10	Red $\square$ on red GRP tower	fl 0-5	
					*	*		*
1139-4	Tanjung Jati	6 26-44 110 44-52	Mo(U) W 15s	6	9	White beacon	(fl 0-5, ec 0-5) x 2, fl 1-5, ec 11-5	
*	*	*	*	*	*	*		*
1139-42	-	6 25-97 110 43-83	Q Y	6	9	Yellow $\times$ on yellow beacon	fl 0-5	
*	*	*	*	*	*	*		*
1139-44	-	6 26-02 110 43-67	Q Y	6	9	Yellow $\times$ on yellow beacon	fl 0-5	
*	*	*	*	*	*	*		*
1139-46	-	6 25-97 110 43-81	Mo(U) W 15s	9	9	White beacon	(fl 0-5, ec 0-5) x 2, fl 1-5, ec 11-5	
*	*	*	*	*	*	*		*
1365-5	- Tg Oisina	10 21-6 123 27-6	Fl W 4s	20	12	Beacon	fl 0-5	*
1412-6	- Common front. River Entrance	3 19-28 114 03-82	Fl W 1-5s	7	6	White $\triangle$ on white beacon	fl 0-5	
					*			*
1412-61	- Ldg Lts. Rear. River Entrance	3 19-13 114 03-73	Fl W 3s	10	9	White ∇ on white beacon	fl 1	
					*			*
1412-615	-- Front. No 6	3 18-33 114 04-52	Fl W 5s	12	9	White $\triangle$ on white beacon	fl 0-5	
					*			*
1412-62	-- Rear. River Channel	3 19-33 114 03-72	LFl W 5s	10	9	White ∇ on white beacon	fl 2	
					*			*

Volume K continued

1611-11	- Amahai	3 19-62 128 55-17	Fl R 6s	8	4	Red □ on red metal pipe 7	fl 0-4
*	*	*	*	*	*	*	*
2044-5	- No 1	34 12-33 138 07-98	Fl W 3s	...	...	△ on beacon	
*	*	*	*	*	*	*	*
2338	-- Front	37 50-53 144 55-76	2 F Bu (vert)	...	...	...	(P) 2005
*	*	*	*	*	*	*	*
2424-3	- Fairway	38 30-21 145 05-35	Iso W 2s	...	...	Red ○ on red and white striped pillar buoy	Racon
							*
2850-37	Remove from List						
2850-372	Remove from List						
2886-63	- Jetty Head	27 28-09 153 14-49	F G				
		*					*
3301-2	- Cora Bank W	12 40-48 141 50-12	Q(9) W 15s	...	...	∇ on yellow pile, black band	Destroyed; yellow light buoy in situ (T) 2005
							*
3328-6	- E Arm. Ldg Lts 121°55'. Front	12 29-74 130 53-11	Q Bu	6	6	△ on pole	
		*	*		*		
3328-61	--- Rear	12 29-81 130 53-20	Iso Bu 2s	11	6	▽ on pole	
	----	... Q Bu		...	3	Same structure	Vis 212°-032°(180°)
		*	*		*		
3456-5	Ava Point	10 34-14 149 52-90	Fl W 12s	188	10	White square concrete tower 6	fl 0-2
							*
3738-71	-- W Entrance	36 23-89 174 44-50	Fl R 3s	3	2	Red □ on wooden pile	
*	*	*	*	*	*	*	*
3738-73	--	36 23-56 174 44-13	Fl R 2s	3	1	Red □ on wooden pile	
*	*	*	*	*	*	*	*
4004	Baring Head (MSA)	41 24-6 174 52-2	Oc W 15s	87	10	White concrete tower 12	ec 6. Vis 301°-169°(228°)
							*
4965-2	--	17 35-3 149 37-0	Q R	4	3	Red □ on red beacon 7	
							*
4969-1	---- Rear. 180m from front	16 43-2 151 01-7	Iso G 4s	40	6	White □ on pylon 10	Vis on leading line only. Synchronized with front
							*
5001-32	- Outukaiga. SW	16 21-87 145 29-51	Q R	4	3	Red □ on red beacon 6	TE 2005
							*

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 18 March 2005. 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

- 079 NW Coast. Drill rig *Ocean Bounty* in position 12° 04'.9 S 125° 00'.9 E. 2.5M clearance requested.
- 080 NE Coast. Stagg Patches buoy (17° 00'.1 S 146° 07'.5 E) permanently withdrawn.
- 081 SE Coast. MV *Argo II* conducting underwater operations in area bounded by 39° 06' S to 39° 13' S and 146° 54' E to 146° 57' E.
- 082 NE Coast. Stagg Patches light *Fl. 2s 11M* established in position 17° 01'.4 S 146° 07'.9 E.
- 083 NW Coast. Drill rig *Sedco 703* in position 20° 49'.5 S 114° 47'.8 E. 2.5M clearance requested.
- 084 N Coast. 15m wooden fishing vessel reported sunk in position 11° 35'.9 S 131° 28'.8 E.
- 085 Cancelled.
- 086 Cancelled.
- 087 Cancelled.
- 088 NE Coast. South Creech Reef light (13° 39'.7 S 144° 06'.0 E) unreliable. GRP hut and solar panel atop structure reported missing.
- 089 NE Coast. Diamond Reign Reef racon and light K3235.05 (13° 11'.6 S 143° 47'.5 E) unreliable.
- 090 NE Coast. Diamond Reign east buoy (13° 11'.6 S 143° 49'.0 E) west cardinal topmark reported missing.
- 091 NE Coast. Mariners are advised that as a result of tropical cyclone Ingrid navigation aids within the Great Barrier Reef between the latitudes 12° 00' S and 15° 00' S may have suffered damage.
- 092 NW Coast. Five unlit yellow cylindrical buoys, 2 metres in diameter in close proximity of position 20° 25'.91 S 115° 10'.06 E.
- 093 Cancelled.
- 094 N Coast. Vessels should take care navigating in the area NW of Rooper Rock. A port lateral buoy sighted drifting close by Knight Reef (12° 00' S 131° 08' E).
- 095 NE Coast. Gubbins Reef racon (15° 42'.6 S 145° 23'.9 E) unreliable.
- 096 Cancelled.
- 097 NW Coast. Drill rig *Atwood Eagle* in position 19° 53'.2 S 115° 08'.3 E. 2.5M clearance requested.
- 098 NW Coast. Drill rig *Ensco 106* in position 20° 44'.4 S 115° 34'.3 E. 2.5M clearance requested.
- 099 NW Coast. Seismic SV *Southern Supporter* towing 2M cable in area bounded by 19° 46' S to 20° 48' S and 114° 17' E to 115° 25' E. 2M clearance requested.
- 100 Cancelled.
- 101 SW Coast. Drill rig *Ensco 56* in position 29° 27'.0 S 114° 52'.2 E. 2.5M clearance requested.

NAVAREA X WARNINGS

- 001 Cancelled.

Navigational warnings in force as at 170001UTC MAR 05.

Auscoast

2004

341.

2005

002 021 027 029 042 051 063 066 068 070 071 075 078 079 080 081 082 083 084 088 089 090 091 092 094 095 097 098 099 101.

Navarea X

2004

007.

Summary of mobile drilling rigs as at 170001UTC MAR 05.

Name	Position
Ensco 104	11° 04'.2 S 126° 36'.8 E
Ocean Bounty	12° 04'.9 S 125° 00'.9 E
Atwood Eagle	19° 53'.2 S 115° 08'.3 E
Ensco 106	20° 44'.4 S 115° 34'.3 E
Sedco 703	20° 49'.5 S 114° 47'.8 E
Jack Bates	21° 29'.0 S 113° 58'.0 E
Ensco 56	29° 27'.0 S 114° 52'.2 E
Ensco 102	38° 17'.8 S 147° 40'.6 E
Ocean Patriot	38° 34'.5 S 147° 59'.3 E

NAVAREA XIV WARNINGS

- 015 Cancelled.
- 016 Cancelled.

Navarea XIV warnings in force as at 170001UTC MAR 05.

2004

087.

2005

007.

HYDROGRAPHIC REPORTS

Locality	Report	Ship/Authority	Observer
NSW- Jervis Bay	Mooring	SV <i>Lisha</i>	K McGregor

AMENDMENTS TO ADMIRALTY LIST OF RADIO SIGNALS 2005

Edition No 7 dated 1 April 2005

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

Published BA Wk 28/04

(Last Amendments: Edition No 6 dated 18 March 2005)

COAST RADIO STATIONS

Page 219, **SAMOA, APIA (5WA)**, delete station and replace by:

SAMOA PORT AUTHORITY		13°49'05S 171°45'20W	
	Transmits	Receives	Hours of Watch
RT (MF)			
	2182	2182	H24
RT (HF)			
	4125	4125	H24
	6215	6215	
VHF			
	Ch 16		H24
Note			
Samoa Port Authority and the Ministry of Police, Prison and Fire Service (13°49'33S 171°45'28W) monitor the Maritime Distress Channels.			

Government of Samoa Ad10/05

Page 247, **UNITED STATES (Pacific Coast), REPUBLIC (KKL) [1150]**, delete station and replace by:

KKL RADIO - VASHON ISLAND [1150]		47°22'N 122°29'W	
TELEPHONE	+1(1)509 4295009		
E-MAIL	kkl@televar.com		
	Transmits	Receives	Hours of Watch
RT (MF)			
	2182	2182	1400-0400
RT (HF)			
	8182	8182	1400-0400
	12103	12103	
	16344	16344	
Distress and Safety			
	4125		1400-0400

Seán C Malone, KKL Ad9/05

(Last Amendments: Edition No 6 dated 18 March 2005)

RADIO DIRECTION-FINDING STATIONS

Page 12, **FRANCE (Atlantic Coast)** section,

0815 Roches-Douvres

Delete entry

French Notice 4/18/05 Ad9/05

RADAR BEACONS

Page 38, **RUSSIA (Baltic Coast)** section, insert:

Platform Racon 55°19'·67N 20°34'·55E **58100**
(3 & 10 cm) **D**

Coastal Warning Kaliningrad 18/05 Ad9/05

Page 75, **INDIA** section, insert:

Chennai (Madras), Southern Lt Racon 13°02'·31N 80°16'·85E **79135**
K

Navarea VIII Warning 106/05 Ad10/05

Page 84, **CHINA** section, insert:

Mituo Dao, Lt Racon 29°03'·10N 122°00'·63E **81657**
X

Chinese Notice 51/1085/05 Ad9/05

Page 92, **KOREA, SOUTH** section, insert:

Ulsan Eastwards, Platform Racon 35°25'·90N 130°00'·00E **82905**
D

Korean Notice 3/55/05 Ad9/05

ELECTRONIC POSITION FIXING SYSTEM

Page 252, **The Northwest European Loran-C System (NELS)** section, after last paragraph, insert:

Notification of Denunciation of the NELS Agreement

The International Agreement concerning the establishment and operation of the civil Loran-C in Northwest Europe and the North Atlantic, known as the NELS Agreement, has been denounced by Denmark, Germany, Ireland, the Netherlands and Norway. The denunciation will come into force on 1st January 2006; the established NELS system will continue to be provided in Europe until that date.

France has decided to continue to operate Loran, thus the Loran signal will remain available in part of the present coverage area.

The most up-to-date information can be found on www.nels.org

The Differential Global Positioning system (DGPS), operated by the Commissioners of Irish Lights will continue to be available.

Further notification with more details will be issued before 1st October 2005.

Dept of Communications, Marine & Natural Resources Notice 5/2005 Ad9/05

Trial Loran-C Transmissions

On or about 31 May 2005, the General Lighthouse Authorities will commence trial transmissions of Loran-C in the frequency band 90–110 kHz from a location in Rugby (approx Latitude 52°22'N and Longitude 1°11'W). It is anticipated that the signals will have an effective usable range of up to 1000 nautical miles.

The signals will be pulsed, with a Group Repetition Interval of 6731 (67,310 microseconds) and an Emission Delay of 27,300 microseconds. Initially, transmissions will include a 'blink' signal which will prevent their use by receivers; on completion of signal testing a further Notice to Mariners will be issued and the 'blink' feature disabled.

Mariners are advised that:

1. Maritime users are strongly encouraged to use Loran-C as a navigational input system to back-up the widespread use of GPS. Existing Loran-C receiver users will require software upgrades from their equipment suppliers in order to use the new signal.
2. Older receivers may have this station identity (6731-Y) listed as Loop Head and may produce significantly erroneous position outputs as a result. Owners of such receivers are advised to contact their equipment suppliers or manually inhibit the use of this station.
3. The Loran-C transmissions are referenced to the World Geodetic System 1984 (WGS84) datum. Loran-C derived positions may be plotted directly onto charts referred to WGS84 datum. Most Loran-C and other integrated electronic position fixing receivers will have the facility to transform positions from WGS84 datum to the regional datum of the chart. However, the resulting accuracy will depend on the transformation parameters contained within the software of the users receiver. It is advisable therefore to keep the receiver referenced to WGS84 datum and to apply the position shift values denoted on the appropriate nautical chart before plotting a position. Position shifts for those charts, which do not include a "satellite derived positions" note, are listed in the UK Hydrographic Office annual summary of Admiralty Notices to Mariners annual Notice 19.
4. Signal reception may become unreliable, under certain extreme environmental conditions, towards the limits of the geographical coverage. The usability and accuracy levels of Loran-C are highly dependant on the users position within the coverage area; further details may be found in the Satellite Navigation Systems chapter of this volume (page 136).
5. All radio navigation systems are susceptible to interference (including jamming) and environmental effects, which can adversely affect their availability. the GLA's strongly advise that no single aid to navigation system should be used in isolation and that users should use all alternative available means to cross check the information received.
6. No responsibility can be accepted for the consequence of inaccurate positions obtained by means of these trial Loran-C transmissions.
7. The General Lighthouse Authorities are committed to the future of Loran-C as offering a radionavigation system without the vulnerabilities of GPS and are keen to hear feedback from the user community on the performance of Loran-C.

Northern Lighthouse Board Notice 10/2005 Ad10/05

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

Published BA Wk 14/04

(Last Amendments: Edition No 6 dated 18 March 2005)

A New Edition of this volume is in the press and will be published shortly

NAVTEX

Page 39, **Diagram X5**, in position 0°45'S 90°19'W, insert: • Ayora [L] in red ink

Director General de la Marina Mercate, Ecuador Ad9/05

Page 40, **Diagram X6**, in position 0°45'S 90°19'W, insert: • Ayora [L] in red ink

Director General de la Marina Mercate, Ecuador Ad9/05

RADIO WEATHER SERVICES AND NAVIGATIONAL WARNINGS

Page 146, after **DOMINICAN REPUBLIC**, section, insert:

ECUADOR

NAVTEX			
L	Ayora	518 kHz	0°45'S 90°19'W
DIAGRAMS: pages 39 and 40			
Navigational Warnings			
L: 0150 0550 0950 1350 1750 2150	Navigational warnings in English		

Director General de la Marina Mercate, Ecuador Ad9/05

Page 150, **GREENLAND (Denmark)**, AASIAAT, Weather Bulletins section, row 2, column 2, delete 18 hour forecast to Danish. and replace by:

18 hour forecast for all Greenland areas in English, Greenlandic and Danish.

(former amendment 14/04)
TELE Greenland Ad9/05

Page 150, **AMMASSALIK**, Weather Bulletins section, row 2, column 2, delete 18 hour forecast to Danish. and replace by:

18 hour forecast for all Greenland areas in English, Greenlandic and Danish.

(former amendment 14/04)
TELE Greenland Ad9/05

Page 152, **QAQORTOQ**, Weather Bulletins section, row 2, column 2, delete 18 hour forecast to Danish. and replace by:

18 hour forecast for all Greenland areas in English, Greenlandic and Danish.

(former amendment 14/04)
TELE Greenland Ad9/05

Navigational Warnings section, row 1, column 2, delete Navigational warnings to Danish. and replace by:

Navigational warnings for Areas 3 4 and 5 in English and Danish.

(former amendment 14/04)
TELE Greenland Ad9/05

Page 167, **JAPAN, HIROSHIMA (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 167, **ISHIGAKI (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 167, **KAGOSHIMA (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 167, **KŌBE (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 167, **KUSHIRO (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 168, **MAIZURU (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 168, **MOJI (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 168, **NAGOYA (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 168, **NAHA (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 168, **NIIGATA (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 169, **OTARU (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 169, **SASEBO (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 169, **SHIOGAMA (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

Page 169, **YOKOHAMA (JCG MRCC)**, frequency table, delete Ch 12 and replace by: Ch 16

Japan Annual Notice to Mariners 2005 Ad9/05

VOLUME 5, NP 285, 2004/05

Published BA Wk 24/04

(Last Amendments: Edition No 6 dated 18 March 2005)

Page 101, **Chapter 9: VHF DSC, LIST OF COAST STATIONS FOR SEA AREA A1, Ecuador**, delete station Ayora and Remotely Controlled station:- Baquerizo Moreno and replace by:

Ayora	007354757	00°45'S, 90°19'W	80	Operational (RCC Alameda)
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Director General de la Marina Mercate, Ecuador Ad9/05

Page 141, **Chapter 10: MF DSC, LIST OF COAST STATIONS FOR SEA AREA A2, Ecuador**, delete section and replace by:

Ecuador

Ayora	007354757	00°45'S, 90°19'W	600	Operational (RCC Alameda)
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Director General de la Marina Mercate, Ecuador Ad9/05

Page 170, **Digital Selective Calling, Limits of Sea Areas Diagrams, Diagram R8-A**, position 00°45'S, 90°19'W delete (VHF)

Amend VHF DSC limit in red, to a radius of 80 nm from position 00°45'S, 90°19'W

Insert MF DSC limit in green, radius 600 nm from position 00°45'S, 90°19'W

Director General de la Marina Mercate, Ecuador Ad9/05

Page 188, **Chapter 11: HF DSC, LIST OF COAST STATIONS FOR SEA AREA A3 AND A4**, after Denmark, insert:

Ecuador

Ayora	007354757	4,6,8,12 & 16 MHz	Operational (RCC Alameda)
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Director General de la Marina Mercate, Ecuador Ad9/05

Page 193, Figure 14, Operational HF DSC Stations with MMSI numbers for Sea Areas A3 and A4, position 00°45'S, 90°19'W, insert:

Ayora ●
007354757

Director General de la Marina Mercate, Ecuador Ad9/05

Page 266, **Chapter 16: NAVTEX, LIST OF COAST STATIONS,** after **Cyprus,** insert:

Ecuador

Ayora [L] 00°45'S, 90°19'W 250-400 Operational

Director General de la Marina Mercate, Ecuador Ad9/05

Page 279, **Diagram X5,** in position 00°45'S 90°19'W, insert ● Ayora [L] in red ink

Director General de la Marina Mercate, Ecuador Ad9/05

Page 280, **Diagram X6,** in position 00°45'S 90°19'W, insert ● Ayora [L] in red ink

Director General de la Marina Mercate, Ecuador Ad9/05

Page 289, **STATIONS WITH OPERATIONAL NAVTEX FACILITIES,** after **Cyprus,** insert:

ECUADOR

Ayora [L]

MMSI: 007354757

00°45'S 90°19'W

NAVTEX [L]

Diagram X6

TIME UT(GMT)	WEATHER BULLETINS	NAVIGATIONAL WARNINGS
0150		●
0550		●
0950		●
1350		●
1750		●
2150		●

Director General de la Marina Mercate, Ecuador Ad9/05

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

Published BA Wk 35/04

(Last Amendments: Edition No 6 dated 18 March 2005)

Page 44, **AUSTRALIA, QUEENSLAND COAST AND TORRES STRAIT PILOTAGE**

TORRES PILOTS PTY LTD, PILOT BOARDING POSITIONS, after table insert the following:

NOTE: It has been reported that the Great N E Channel (Dalrymple Island) pilot boarding position has been amended to 9°42'5S 143°16'5E.

Torres Pilots Pty Ltd Ad10/05

Page 79, **CHINA, GUANGZHOU (CANTON) (Including HUANGPU)**

Delete **Vessel Traffic Service** section and insert new section as follows:

Vessel Traffic Service

AREA: The Guangzhou VTS (GZVTS) covers an area bounded by the following positions:

- (1) 22°20'N 113°32'E
- (2) 22°20'N 114°24'E
- (3) 21°55'N 114°24'E
- (4) 21°55'N 113°32'E

FREQUENCY: Calling & Watchkeeping: Ch 09
Working: Ch 01 21
Reserve: Ch 64

HOURS: H24

PROCEDURE:

- (1) Participation in the VTS is mandatory for the following:
 - (a) All cargo vessels of 500 GT and above
 - (b) Passenger vessels as defined in Chapter 1 of SOLAS 1974 (amended)
 - (c) All fishing vessels of 24m LOA and above
- (2) Vessels must report to Guangzhou VTS when passing the following reporting lines:
 - (a) North Reporting Line: A line connecting 22°20'·00N 113°40'·00E and 22°20'·00N 113°52'·13E
 - (b) West Reporting Line: A line connecting 22°20'·00N 113°40'·00E and 22°00'·27N 113°40'·00E
 - (c) South East Reporting Line: An arc of radius 10 n miles centred on position 22°07'·90N 113°46'·83E (in Guishan Pilot Anchorage), between positions 22°08'·91N 113°57'·50E and 22°00'·27N 113°40'·00E
- (3) Reports should contain the following information:
 - (a) Vessel's name, call sign and IMO No
 - (b) Position (in lat/long or in relation to a landmark)
 - (c) Course
 - (d) Speed
 - (e) Port of departure
 - (f) Port of destination
 - (g) Defects and limitations
 - (h) LOA and GT
- (4) Vessels may communicate with Guangzhou VTS in Chinese or English.

(former amendment 4/05)

Zeng Haibo, Penavico Guangzhou Ad10/05

Page 79, insert new diagram GUANGZHOU VESSEL TRAFFIC SERVICE on page 39

Zeng Haibo, Penavico Guangzhou Ad10/05

Page 109, after **XIJIANG MARINE TERMINAL** entry, insert new entry as follows:

YANGSHAN 30°50'N 121°55'E
SEE DIAGRAM WITHIN TEXT

Vessel Traffic Service

AREA: The Yangshan VTS covers the area bounded by the following reporting lines:
Y1: A line joining the E end of Huxiaoshe Dao (30°35'·10N 122°09'·75E) through Daji Shan Lt (30°48'·59N 122°10'·42E) to the mouth of Dazhi He (Dazhi River).

Y2: A line joining the E end of Huxiaoshe Dao, through Ximaan Dao Lt (30°34'·00N 122°08'·40E), through Tangnao Shan Lt (30°35'·77N 121°58'·05E), to position 30°35'·78N 121°40'·00E.

Y3: A line from position 30°35'·78N 121°40'·00E due N to the coast.

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FREQUENCY: Ch 08 71

HOURS: H24

PROCEDURE:

- (1) Participation in the VTS is compulsory for the following:
 - (a) Vessels over 3000 GT
 - (b) Tugs
 - (c) Passenger vessels and ferries
- (2) Vessels passing the reporting lines must immediately report their position to Yangshan VTS on VHF Ch 71 and follow instructions.
- (3) Vessels must maintain a continuous listening watch on VHF Chs 08 and 71.

Bureau of Maritime Affairs, Shanghai Ad10/05

Page 109, insert new diagram YANGSHAN VESSEL TRAFFIC SERVICE on page 40

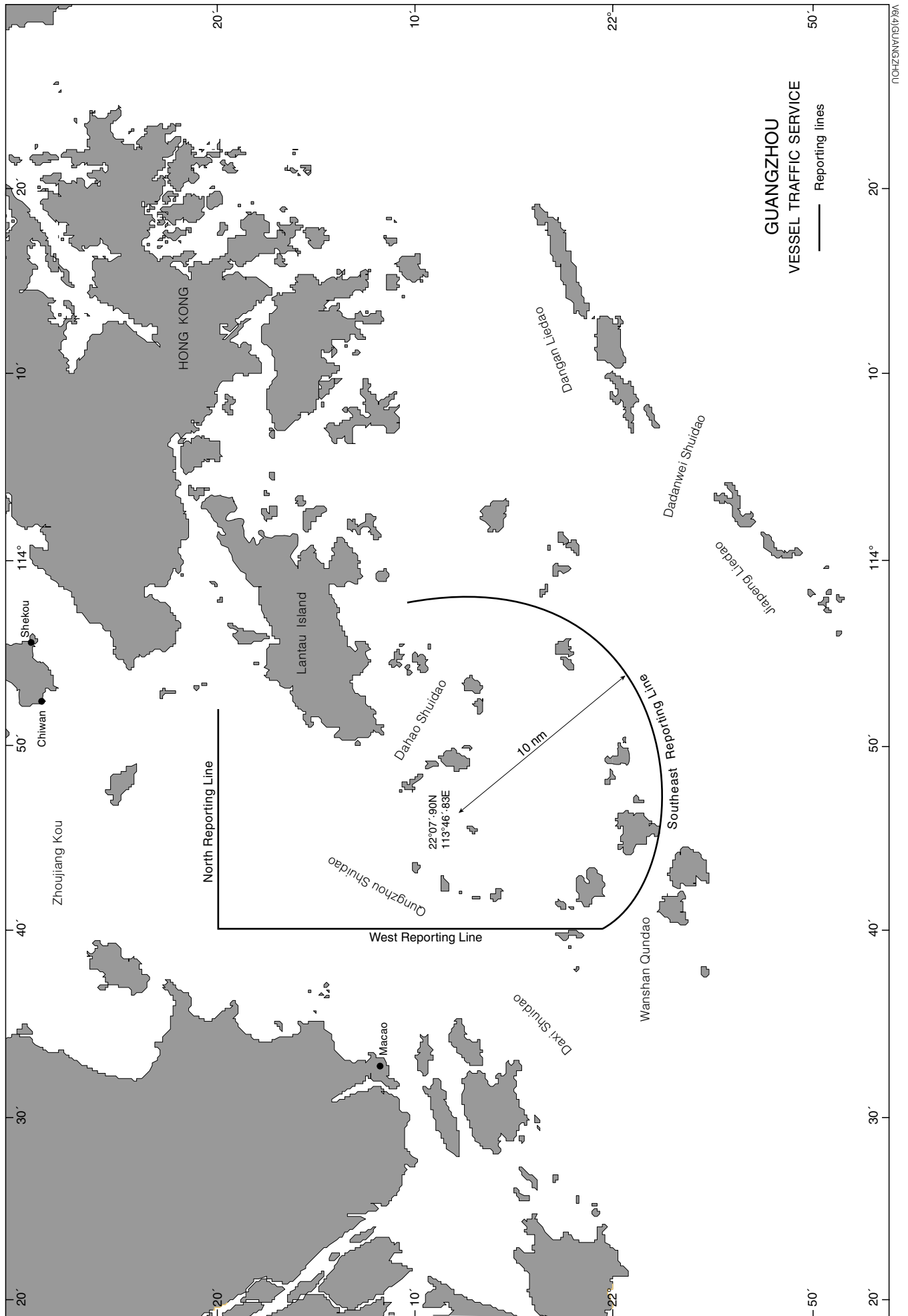
Bureau of Maritime Affairs, Shanghai Ad10/05

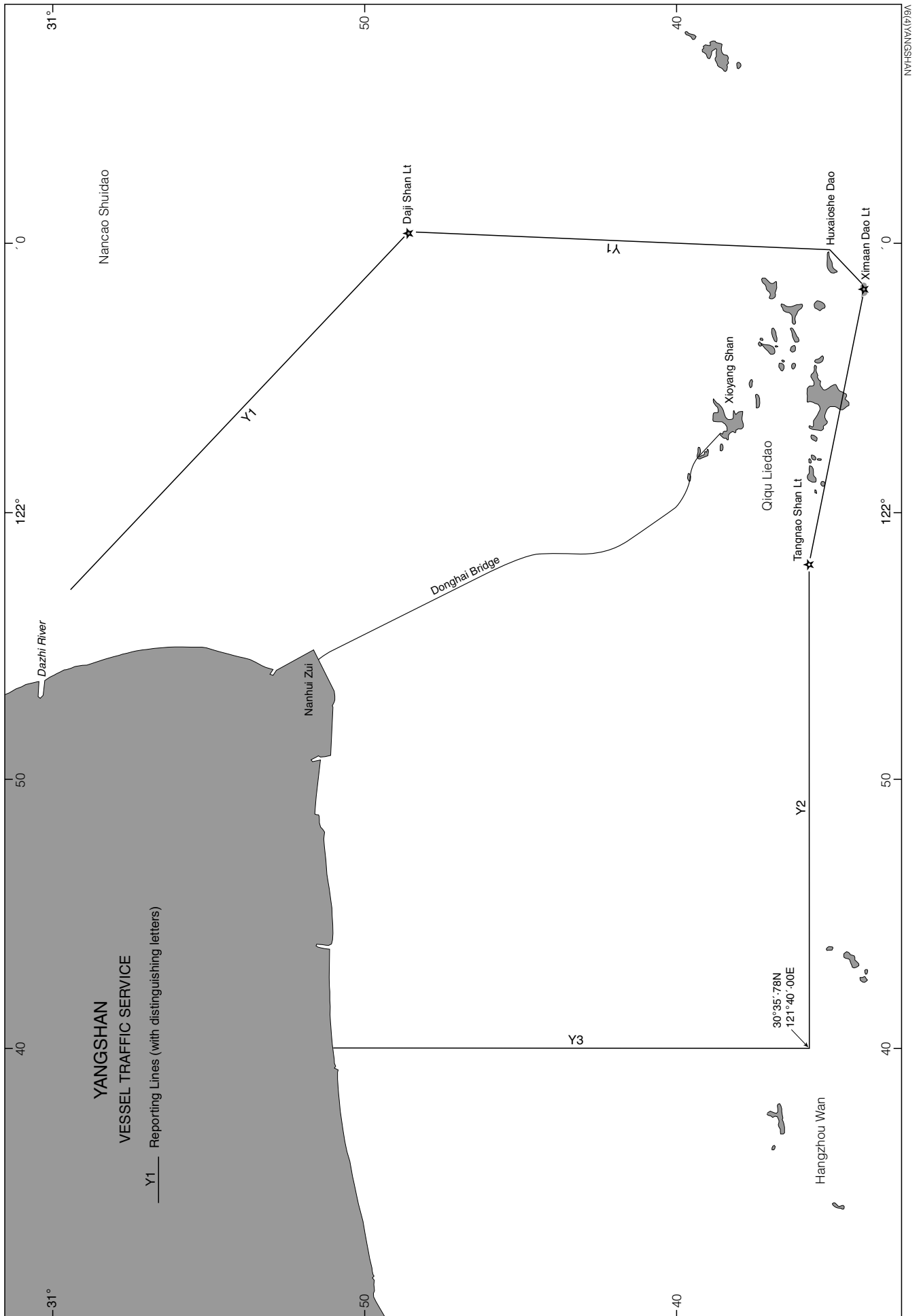
Page 230, **MALAYSIA, PENINSULAR (West Coast), LUMUT**

Pilots and Port, PROCEDURE, delete section (4) and replace by:

- (4) Pilot boards in the following positions:
 - (a) Lumut Marine Terminal: 4°10'·5N 100°35'·0E
 - (b) Lekir Bulk Terminal: 4°09'·N 100°33'·E

Izudin Ismail, AM Marine Ad10/05





AMENDMENTS TO ADMIRALTY SAILING DIRECTIONS 2005

NP 14 Australia Pilot Volume II (2004 Edition)

Victoria - Port Phillip — Prohibited anchorage and fishing area

117

Paragraph 4.136 *1* line 1 *Replace by:*

- 1* Anchoring and fishing are prohibited within an area 4 miles SSE of Point Gellibrand (37°52'S, 144°54'E) in the approaches to Port Melbourne Channel, as shown on the chart. The area is marked on its W side and SE corner by light-buoys (special).

Vessels should not anchor in any fairway, channel or...

Australian Notice 1/63/05

[Ad 9/05]

Victoria - Corner Inlet; Port Albert — Pilotage

147

After Paragraph 6.36 *2* *Insert:*

Pilotage

6.36a

- 1* Not available, however a Certificate of Local Knowledge is compulsory for all trading vessels over 12 m and all fishing vessels over 35 m. Further information can be obtained from Gippsland Ports Authority or Marine Safety Victoria.

148

After Paragraph 6.50 *1* line 6 *Insert:*

- 1* **Pilotage.** See 6.36a.

150

After Paragraph 6.54 *2* line 3 *Insert:*

- 1* **Pilotage.** See 6.36a.

151

After Paragraph 6.62 *1* *Insert:*

Pilotage

6.62a

- 1* See 6.36a.

153

After Paragraph 6.75 *1* *Insert:*

Arrival information

6.75a

- 1* **Pilotage.** See 6.36a.

Gippsland Ports Harbour Master

[Ad 10/05]

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

Caroline Islands - Pikelot Island - Tarang Reef — Obstruction; depth

349

After R 59 *Insert:*

An obstruction has been reported (2005) in position 7°44'·7N, 147°11'·6E, about 26½ miles W of Tarang Reef. A depth of 50 feet has been reported (2005) in position 7°45'·1N, 147°12'·8E, about 25¼ miles W of the reef.

Hydropacs 134-135/05

[Ad 10/05]

NP 100 The Mariner's Handbook (2004 Edition)

Use of moored marks

41

After Paragraph 2.83 *1* line 6 *Insert:*

- 2* Floating marks on charts may be displaced in an appropriate direction allowing the true position of the danger to be shown.

United Kingdom Hydrographic Office

[Ad 10/05]