



3 May 2013

Edition 9

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

AUSTRALIAN NOTICES TO MARINERS

Notices 441 – 492 

Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN
Hydrographer of Australia

SECTIONS.

- I. **Australian Notices to Mariners, including blocks and notes.**
- II. **Hydrographic Reports.**
- III. **Navigational Warnings.**

SUPPLEMENTS.

- I. **Tracings**
- II. **Cumulative List of Australian Notices to Mariners.**
- III. **Cumulative List of Temporary and Preliminary Australian Notices to Mariners.**
- IV. **Temporary and Preliminary Notices in force.**
- V. **Amendments to Admiralty List of Lights and Fog Signals (Vol K), Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).**

© Commonwealth of Australia 2013

This work is copyright. Apart from any use permitted under the Copyright Act 1968, no part may be reproduced by any process, adapted, communicated or commercially exploited without prior written permission from The Commonwealth represented by the Australian Hydrographic Service.

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.

GENERAL INSTRUCTIONS

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.

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, 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).

AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Service (AHS) website (www.hydro.gov.au) and through the eNotices (email) service (www.hydro.gov.au/enotices/enotices.htm).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHS website as providing a 'Paper Notices to Mariners' service (www.hydro.gov.au/prodserv/distributors/distributors.htm). Copies of the notices may not be sold for profit without prior written agreement.

NUMERICAL INDEX OF NOTICES TO MARINERS

Edition No 9

Notices	Aus Chart, INT Chart, ENC cell, AHP
441.....	Aus 200, 203, 238, AU5068P1
442.....	Navigational warning service survey
443.....	AIS charting; amendment to ANTM No 17
444.....	Aus 219
445.....	Aus 258
446.....	Aus 292, 293, 296, 700
447.....	Aus 24, 26, 28, AX 00026T
448.....	Aus 62, 66
449.....	Aus 115, 334, 335, 755, 756, AX 00334S, 00755S
450.....	Aus 119
451.....	Aus 343, 485, 776, AX 00343S, 00776S
452.....	Aus 133, 343, 485, 776, 777, 778, AX 00343S, 00776S
453.....	Aus 485, 778
454.....	Aus 144
455.....	Aus 154
456.....	Aus 4060, 4602, 4635, INT 60, 602, 635
457(T).....	Aus 197, 204, 215, 489, 809, 4643, INT 643, AX 00215T, 00809S
458(T).....	Aus 230
459(T).....	Aus 235, 236, 237, 238, 814, 815
460(T).....	Aus 235, 814, 815
461(T).....	Aus 236
462(T).....	Aus 238
463(T).....	Aus 240, 241
464(T).....	Aus 247, 265, 819
465(T).....	Aus 260, 367, 822, AX 00260S, 00260T, 00367S, 00822S
466(T).....	Aus 248, 367, 820, AX 67248, 00367S, 00820S
467(T).....	Aus 249, 250, AX 00249S
468(T).....	Aus 255, 825, 826
469(T).....	Aus 256, 257, 827
470(T).....	Aus 830, 831, 4620, INT 620, AX 6027S, 04620U
471(P).....	Aus 835, 4620, 4720, INT 620, 720, AX 04620U, 04720U
472(T).....	Aus 386, 548, 673, 4603, 4604, 4622, INT 603, 604, 622, AX 04603U, 04604U
473(T).....	Aus 392, 393, 543, 4060, 4604, 4622, INT 60, 604, 622, AX 04604U
474(T).....	Aus 306, 309, 310, 311, 312, 315, 316, 318, 714, 716, 717, 718, 719, 725, 726, 727, 4720, 4721, INT 720, 721, AX 00306U, 00309T, 00309U, 00310U, 00311U, 00312U, 00315U, 04720U, 04721U
475(T).....	Aus 24
476(T).....	Aus 26, 28, AX 00026T
477(T).....	Aus 324
478(P).....	Aus 54
479(T).....	Aus 55, 56
480(T).....	Aus 68, 742, 743
481(T).....	Aus 328, 4723, INT 723, AX 04723U
482(T).....	Aus 328, 329
483(T).....	Aus 743, 744, 328
484(T).....	Aus 744, 328, 329
485(T).....	Aus 329, 4723, 4725, INT 723, 725, AX 04723U
486(T).....	Aus 84
487(T).....	Aus 752, 753, 333
488(T).....	Aus 751, 752, 753, 332, 333
489(P).....	Aus 110, 118, AX 00110S, 00118S
490(T).....	Aus 780, 781
491(T).....	Aus 154
492(P).....	Aus 181, 357, 802

NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 9

Aus Chart	Notices	Aus Chart	Notices
Aus 24.....	447, 475(T)	Aus 335	449
Aus 26.....	447, 476(T)	Aus 343	451, 452
Aus 28.....	447, 476(T)	Aus 357	492(P)
Aus 54.....	478(P)	Aus 367	465(T), 466(T)
Aus 55.....	479(T)	Aus 386	472(T)
Aus 56.....	479(T)	Aus 392	473(T)
Aus 62.....	448	Aus 393	473(T)
Aus 66.....	448	Aus 485	451, 452, 453
Aus 68.....	480(T)	Aus 489	457(T)
Aus 84.....	486(T)	Aus 543	473(T)
Aus 110.....	489(P)	Aus 548	472(T)
Aus 115.....	449	Aus 673	472(T)
Aus 118.....	489(P)	Aus 700	446
Aus 119.....	450	Aus 714	474(T)
Aus 133.....	452	Aus 716	474(T)
Aus 144.....	454	Aus 717	474(T)
Aus 154.....	455, 491(T)	Aus 718	474(T)
Aus 181.....	492(P)	Aus 719	474(T)
Aus 197.....	457(T)	Aus 725	474(T)
Aus 200.....	441	Aus 726	474(T)
Aus 203.....	441	Aus 727	474(T)
Aus 204.....	457(T)	Aus 742	480(T)
Aus 215.....	457(T)	Aus 743	480(T), 483(T)
Aus 219.....	444	Aus 744	483(T), 484(T)
Aus 230.....	458(T)	Aus 751	488(T)
Aus 235.....	459(T), 460(T)	Aus 752	487(T), 488(T)
Aus 236.....	459(T), 461(T)	Aus 753	487(T), 488(T)
Aus 237.....	459(T)	Aus 755	449
Aus 238.....	441, 459(T), 462(T)	Aus 756	449
Aus 240.....	463(T)	Aus 776	451, 452
Aus 241.....	463(T)	Aus 777	452
Aus 247.....	464(T)	Aus 778	452, 453
Aus 248.....	466(T)	Aus 780	490(T)
Aus 249.....	467(T)	Aus 781	490(T)
Aus 250.....	467(T)	Aus 802	492(P)
Aus 255.....	468(T)	Aus 809	457(T)
Aus 256.....	469(T)	Aus 814	459(T), 460(T)
Aus 257.....	469(T)	Aus 815	459(T), 460(T)
Aus 258.....	445	Aus 819	464(T)
Aus 260.....	465(T)	Aus 820	466(T)
Aus 265.....	464(T)	Aus 822	465(T)
Aus 292.....	446	Aus 825	468(T)
Aus 293.....	446	Aus 826	468(T)
Aus 296.....	446	Aus 827	469(T)
Aus 306.....	474(T)	Aus 830	470(T)
Aus 309.....	474(T)	Aus 831	470(T)
Aus 310.....	474(T)	Aus 835	471(P)
Aus 311.....	474(T)	Aus 4060	456, 473(T)
Aus 312.....	474(T)	Aus 4602	456
Aus 315.....	474(T)	Aus 4603	472(T)
Aus 316.....	474(T)	Aus 4604	472(T), 473(T)
Aus 318.....	474(T)	Aus 4620	470(T), 471(P)
Aus 324.....	477(T)	Aus 4622	472(T), 473(T)
Aus 328.....	481(T), 482(T), 483(T), 484(T)	Aus 4635	456
Aus 329.....	482(T), 484(T), 485(T)	Aus 4643	457(T)
Aus 332.....	488(T)	Aus 4720	471(P), 474(T)
Aus 333.....	487(T), 488(T)	Aus 4721	474(T)
Aus 334.....	449	Aus 4723	481(T), 485(T)

Aus Chart	Notices	INT Chart	Notices
Aus 4725.....	485(T)	INT 60.....	456, 473(T)
AX 6027S.....	470(T)	INT 602.....	456
AX 67248.....	466(T)	INT 603.....	472(T)
AX 00026T.....	447, 476(T)	INT 604.....	472(T), 473(T)
AX 00110S.....	489(P)	INT 620.....	470(P), 471(P)
AX 00118S.....	489(P)	INT 622.....	472(T), 473(T)
AX 00215T.....	457(T)	INT 635.....	456
AX 00249S.....	467(T)	INT 643.....	457(T)
AX 00260S.....	465(T)	INT 720.....	471(P), 474(T)
AX 00260T.....	465(T)	INT 721.....	474(T)
AX 00306U.....	474(T)	INT 723.....	481(T), 485(T)
AX 00309T.....	474(T)	INT 725.....	485(T)
AX 00309U.....	474(T)		
AX 00310U.....	474(T)		
AX 00311U.....	474(T)	ENC Cell	Notices
AX 00312U.....	474(T)	AU5068P1	441
AX 00315U.....	474(T)		
AX 00334S.....	449		
AX 00343S.....	451, 452		
AX 00367S.....	465(T), 466(T)		
AX 00755S.....	449		
AX 00776S.....	451, 452		
AX 00809S.....	457(T)		
AX 00820S.....	466(T)		
AX 00822S.....	465(T)		
AX 04603U.....	472(T)		
AX 04604U.....	472(T), 473(T)		
AX 04620U.....	470(T), 471(P)		
AX 04720U.....	471(P), 474(T)		
AX 04721U.....	474(T)		
AX 04723U.....	481(T), 485(T)		

441 AUSTRALIA - Product

Australian Hydrographic Service (AA668034, AA668037)

New Chart

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Index Chart</i>	<i>Price</i>
Aus 203	3/5/2013	Australia - East Coast - New South Wales - Port Jackson (Western Sheet) - Parramatta and Lane Cove Rivers 33° 48'.93 S - 33° 52'.46 S 151° 03'.25 E - 151° 10'.50 E Plan: Parramatta River	1:10 000 1:10 000	Aus 5001	\$35.00
		33° 48'.70 S - 33° 49'.84 S 151° 00'.50 E - 151° 03'.64 E <i>New chart with amended limits and general updating throughout.</i>			

New Electronic Navigation Chart (Seafarer ENC)

<i>Cell Name</i>	<i>Released</i>	<i>Title</i>
AU5068P1	May 2013	Western Australia - North West Shelf - Cape Preston

New Chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 200	Australia - East Coast - New South Wales - Port Jackson Plan: Parramatta River	1:25 000 1:25 000	17 May 2013

New Edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 238	Australia - East Coast - Queensland - Brisbane River- Lytton Reach to Victoria Bridge Plan: Bulimba Reach Hamilton Reach South Brisbane Reach Town Reach and Shafston Reach	1:12 500 7 500 7 500 5 000 5 000	17 May 2013

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.

442 AUSTRALIA - Navigational warning service survey

Australian Maritime Safety Authority (AA666610)

The International Hydrographic Organization's World-Wide Navigational Warning Service (WWNWS) is conducting a survey concerning the quality of maritime safety information broadcast via SafetyNET and NAVTEX to identify measures to improve service. It provides an opportunity to comment on the quality of the content and reception of Navigational Warnings provided by each NAVAREA Coordinator. Please visit <http://www.needtopopulatethis.com> to complete the short survey. The World Meteorological Organization offers a similar survey regarding the World-Wide Meteorological Information and Warning Service available at: www.jcomm.info/mmms. Your participation is greatly appreciated and valued.

443 AUSTRALIA - AIS charting; amendment to ANTM No 17

Australian Hydrographic Service (AA668287, AA668288)

Given that AIS technology is increasingly being used for Aids to Navigation (AtoN) purposes, the IHO Hydrographic Services and Standards Committee considers that there is now a requirement to implement an interim solution to enable the encoding of Virtual AIS AtoN in ENC. Accordingly, the Australian Hydrographic Service will update both paper charts and ENC for all AIS AtoN. On paper charts all parts of the Virtual AIS AtoN symbol must be magenta, to distinguish it from a physical AtoN. Its position must therefore be identified on the chart by a small magenta position circle with central dot (ie magenta version of B22); see ANTM No 17.

Amendment to Australian Notice to Mariners No 17

Page 81

Substitute [accompanying table](#)**444* AUSTRALIA - NEW SOUTH WALES - Port Macquarie - Light**

Former Notice - 141(P)/2013 is cancelled

NSW Roads and Maritime Services Notice 1311/2013 (AA667484)

Aus 219 (plan, Port Macquarie) [1178/2011]

Amend	light to Oc. WRG.4s with sectors		
	Green 239° - 244° (5°)		
	White 244° - 249° (5°)		
	Red 249° - 269° (20°)	31° 25'.61 S	152° 54'.87 E

Aus 219 (plan, Hastings River)

Amend	light to Oc. WRG.4s with sectors		
	Green 239° - 244° (5°)		
	White 244° - 249° (5°)		
	Red 249° - 269° (20°)	31° 25'.61 S	152° 54'.87 E

445* AUSTRALIA - QUEENSLAND - Mourilyan Harbour - Maintained depth limit; light beacon; light

Ports North (AA667553, AA667554)

Aus 258 (plan, Mourilyan Harbour) [246/2013]

Insert	dashed line, between	17° 36'.042 S	146° 07'.725 E
		17° 36'.042 S	146° 07'.494 E
	light, F.G	17° 36'.082 S	146° 07'.278 E
Delete	dashed line, between	17° 36'.04 S	146° 07'.49 E
		17° 36'.08 S	146° 07'.57 E
	light beacon	17° 36'.10 S	146° 07'.57 E

446* AUSTRALIA - TORRES STRAIT - Alert Patches to Gannet Passage - AIS

Former Notice - 306(T)/2012 is cancelled

Australian Maritime Safety Authority ATH 5/2013 (AA666295)

Aus 292 [325/2013]

Insert	magenta circle with legend <i>AIS</i> , at light buoy	10° 28'.4 S	142° 22'.6 E
	magenta circle with legend <i>AIS</i> , at light buoy	10° 30'.2 S	142° 21'.5 E

Aus 293 [325/2013]

Insert	magenta circle with legend <i>AIS</i> , at light buoy	10° 28'.42 S	142° 22'.61 E
	magenta circle with legend <i>AIS</i> , at light buoy	10° 30'.16 S	142° 21'.50 E

Aus 296 [326/2013]

Insert	magenta circle with legend <i>AIS</i> , at light buoy	10° 35'.48 S	141° 52'.41 E
--------	-------------------------------------------------------	--------------	---------------

Aus 700 [1246/2012]

Insert	magenta circle with legend <i>AIS</i> , at light buoy	10° 35'.5 S	141° 52'.4 E
--------	-------------------------------------------------------	-------------	--------------

447* AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point to Eastern Point - Light buoys

Darwin Port Corporation Notices 49/2013, 50/2013, 57/2013, 60/2013 (AA666708, AA666706, AA666760, AA668122)

Aus 24 [327/2013]

Insert	lit orange cylindrical mooring buoy, <i>Fl. Y.3s</i>	12° 29'.914 S	130° 48'.808 E
--------	------------------------------------------------------	---------------	----------------

Delete	light buoy	12° 29'.93 S	130° 48'.87 E
	light buoy	12° 29'.49 S	130° 48'.67 E
	light buoy	12° 30'.13 S	130° 48'.70 E
	light buoy	12° 29'.79 S	130° 48'.50 E
	light buoy	12° 28'.08 S	130° 49'.77 E

Aus 26 [383/2013]

Insert	lit orange cylindrical mooring buoy, <i>Fl. Y.3s</i>	12° 29'.91 S	130° 48'.81 E
	lit yellow cylindrical mooring buoy, <i>Fl. Y.3s</i>	12° 29'.90 S	130° 55'.41 E

Delete	light buoy	12° 29'.9 S	130° 48'.9 E
	light buoy	12° 29'.5 S	130° 48'.7 E
	light buoy	12° 30'.1 S	130° 48'.7 E
	light buoy	12° 29'.8 S	130° 48'.5 E
	light buoy	12° 28'.1 S	130° 49'.8 E
	light buoy	12° 24'.3 S	130° 48'.1 E

Aus 28 [383/2013]

Insert	lit yellow cylindrical mooring buoy, <i>Fl. Y.3s</i>	12° 29'.901 S	130° 55'.410 E
--------	------------------------------------------------------	---------------	----------------

AX 00026T [383/2013]

Insert	lit orange cylindrical mooring buoy, <i>Fl. Y.3s</i>	12° 29'.91 S	130° 48'.81 E
	lit yellow cylindrical mooring buoy, <i>Fl. Y.3s</i>	12° 29'.90 S	130° 55'.41 E

Delete	light buoy	12° 29'.9 S	130° 48'.9 E
	light buoy	12° 29'.5 S	130° 48'.7 E
	light buoy	12° 30'.1 S	130° 48'.7 E
	light buoy	12° 29'.8 S	130° 48'.5 E
	light buoy	12° 28'.1 S	130° 49'.8 E
	light buoy	12° 24'.3 S	130° 48'.1 E

448* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Infrastructure; chart limits; light buoys

Australian Hydrographic Service (AA664141, AA665397, AA665398), Port of Barrow Notice 9/2013 (AA667489, AA667490, AA667584)

Aus 62 [384/2013]

Insert accompanying block 20° 48'.8 S 115° 29'.0 E

Aus 66 [384/2013]

Insert	north cardinal pillar light buoy, Q, with topmark	20° 48'.182 S	115° 28'.879 E
	east cardinal pillar light buoy, VQ(3)5s, with topmark	20° 48'.229 S	115° 28'.978 E
	south cardinal pillar light buoy, VQ(6)+LFl. 10s, with topmark	20° 48'.303 S	115° 28'.975 E
	west cardinal pillar light buoy, VQ(9)10s, with topmark	20° 48'.218 S	115° 28'.851 E

449* AUSTRALIA - WESTERN AUSTRALIA - Bunbury to Geographe Bay - Artificial reefs

Department of Fisheries WA (AA668123)

Aus 115 [1031/2012]

Insert fish haven with least depth, 12₉, out of position 33° 18'.5 S 115° 35'.9 E

Aus 334 [636/2012]

Insert	fish haven with least depth, 12 ₉ , centred on	33° 18'.50 S	115° 35'.90 E
	fish haven with least depth, 22 ₁ , centred on	33° 33'.96 S	115° 09'.98 E

Delete depth, 14₃m 33° 18'.2 S 115° 35'.8 E

Aus 335 [890/2012]

Insert	fish haven with least depth, 12 ₉ , centred on	33° 18'.50 S	115° 35'.90 E
	fish haven with least depth, 22 ₁ , centred on	33° 33'.96 S	115° 09'.98 E

Delete depth, 14₃m 33° 18'.2 S 115° 35'.8 E

Aus 755 [495/2012]

Insert	fish haven with least depth, 12 ₉ , centred on	33° 18'.50 S	115° 35'.90 E
	fish haven with least depth, 22 ₁ , centred on	33° 33'.96 S	115° 09'.98 E

Delete depth, 25₆m 33° 34'.0 S 115° 10'.4 E

Aus 756 [728/2012]

Insert fish haven with least depth, 22₁, centred on 33° 33'.96 S 115° 09'.98 E

Delete depth, 25₆m 33° 34'.0 S 115° 10'.4 E

AX 00334S [636/2012]

Insert	fish haven with least depth, 12 ₉ , centred on	33° 18'.50 S	115° 35'.90 E
	fish haven with least depth, 22 ₁ , centred on	33° 33'.96 S	115° 09'.98 E

Delete depth, 14₃m 33° 18'.2 S 115° 35'.8 E

AX 00755S [495/2012]

Insert	fish haven with least depth, 12 ₉ , centred on	33° 18'.50 S	115° 35'.90 E
	fish haven with least depth, 22 ₁ , centred on	33° 34'.0 S	115° 10'.0 E

Delete depth, 25₆m 33° 34'.0 S 115° 10'.4 E

450* AUSTRALIA - WESTERN AUSTRALIA - Esperance - Light beacons

Esperance Ports Sea and Land (AA666322, AA666323)

Aus 119 (plan, Esperance) [292/2013]

Move	light beacon	33° 51'.94 S	121° 54'.23 E
	to	33° 51'.953 S	121° 54'.206 E
	light beacon	33° 52'.04 S	121° 54'.30 E
	to	33° 52'.051 S	121° 54'.263 E
Delete	light beacon	33° 52'.06 S	121° 54'.27 E

451* AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Cape Donington to Dangerous Reef - Depths

UKHO (AA665723)

Aus 343 [331/2013]

Substitute	depth, 14 ₆ m, enclosed by contour for depth, 15 ₇ m	34° 42'.7 S	136° 00'.4 E
	depth, 14 ₆ m, enclosed by contour for depth, 16m	34° 47'.8 S	136° 12'.1 E

Aus 485 [192/2013]

Substitute	depth, 14 ₆ m, for depth, 15 ₅ m	34° 42'.6 S	136° 00'.5 E
------------	--------------------------------------------------------	-------------	--------------

Aus 776 [331/2013]

Insert	depth, 14 ₆ m, enclosed by contour	34° 42'.60 S	136° 00'.45 E
	depth, 15 ₇ m	34° 49'.58 S	136° 03'.93 E
	depth, 14 ₆ m, enclosed by contour	34° 47'.77 S	136° 12'.24 E
Delete	depth, 15 ₅ m	34° 42'.5 S	136° 00'.5 E
	depth, 16 ₇ m	34° 49'.6 S	136° 04'.0 E
	depth, 15 ₈ m	34° 47'.7 S	136° 12'.3 E

AX 00343S [331/2013]

Substitute	depth, 14 ₆ m, enclosed by contour for depth, 15 ₇ m	34° 42'.7 S	136° 00'.4 E
	depth, 14 ₆ m, enclosed by contour for depth, 16m	34° 47'.8 S	136° 12'.1 E

AX 00776S [331/2013]

Insert	depth, 14 ₆ m, enclosed by contour	34° 42'.60 S	136° 00'.45 E
	depth, 15 ₇ m	34° 49'.58 S	136° 03'.93 E
	depth, 14 ₆ m, enclosed by contour	34° 47'.77 S	136° 12'.24 E
Delete	depth, 15 ₅ m	34° 42'.5 S	136° 00'.5 E
	depth, 16 ₇ m	34° 49'.6 S	136° 04'.0 E
	depth, 15 ₈ m	34° 47'.7 S	136° 12'.3 E

452* AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Franklin Harbor to Hardwicke Bay - Marine farms

Primary Industries and Regions SA (DHDB 2351298)

Aus 133 (plan, Wallaroo) [192/2013]

Insert	dashed line, between	33° 55'.707 S	137° 30'.730 E
		33° 55'.597 S	137° 30'.864 E
		33° 55'.354 S	137° 32'.187 E
		33° 55'.475 S	137° 32'.191 E
	dashed line, between	35° 55'.691 S	137° 32'.197 E
		33° 56'.085 S	137° 32'.210 E
		33° 56'.857 S	137° 31'.018 E
		33° 56'.951 S	137° 30'.730 E
Delete	dashed line, between	33° 55'.48 S	137° 32'.19 E
		33° 55'.69 S	137° 32'.20 E
	marine farm, centred on	33° 55'.8 S	137° 31'.6 E
	marine farm limit, centred on	33° 56'.2 S	137° 31'.1 E

452* AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Franklin Harbor to Hardwicke Bay - Marine farms
(continued)

Aus 133 (plan, Port Lincoln)

Insert	dashed line, between	34° 41'.600 S	135° 54'.397 E
		34° 41'.843 S	135° 54'.376 E
	dashed line, between	34° 41'.843 S	135° 54'.420 E
		34° 42'.948 S	135° 54'.107 E
		34° 43'.350 S	135° 54'.290 E

Delete	marine farm limit and symbol with legend (see Note), centred on	34° 42'.03 S	135° 54'.15 E
	marine farm limit and symbol with legend (see Note), centred on	34° 42'.55 S	135° 54'.26 E

Aus 343 [451/2013]

Delete	marine farm, centred on	34° 42'.4 S	136° 20'.5 E
	marine farm, centred on	34° 48'.5 S	136° 27'.8 E

Aus 485 [451/2013]

Insert	marine farm symbol with legend (see Note), centred on	33° 35'.0 S	137° 50'.0 E
--------	----------------------------------------------------------	-------------	--------------

Aus 776 [451/2013]

Insert	dashed line, between	34° 51'.36 S	137° 20'.43 E
		34° 51'.06 S	137° 19'.54 E
		34° 49'.92 S	137° 19'.48 E
		34° 49'.45 S	137° 18'.78 E
		34° 48'.24 S	137° 18'.73 E
		34° 48'.24 S	137° 22'.72 E
		34° 51'.36 S	137° 22'.84 E

Delete	dashed line, between	34° 51'.4 S	137° 20'.4 E
		34° 51'.4 S	137° 22'.8 E
	marine farm, centred on	34° 29'.6 S	137° 23'.3 E
		34° 30'.4 S	137° 22'.6 E
		34° 42'.3 S	136° 20'.5 E
		34° 48'.4 S	136° 28'.0 E

Aus 777 [388/2013]

Insert	marine farm symbol with legend (see Note), centred on	34° 11'.37 S	136° 19'.59 E
	dashed line, between	33° 55'.47 S	137° 32'.19 E
		33° 55'.47 S	137° 32'.52 E
		33° 55'.68 S	137° 32'.52 E
		33° 55'.69 S	137° 32'.20 E

Delete	dashed line, between	33° 55'.5 S	137° 32'.2 E
		33° 55'.7 S	137° 32'.2 E
	marine farm, centred on	34° 29'.4 S	137° 23'.2 E

Aus 777 (plan, Franklin Harbor)

Insert	marine farm symbol with legend (see Note), centred on	33° 42'.13 S	136° 55'.66 E
--------	----------------------------------------------------------	--------------	---------------

452* AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Franklin Harbor to Hardwicke Bay - Marine farms
(continued)

Aus 778 [139/2013]

Insert	dashed line, between	32° 52'.63 S	137° 49'.33 E
		32° 52'.63 S	137° 51'.39 E
		32° 57'.14 S	137° 51'.41 E
		32° 57'.14 S	137° 49'.35 E
		32° 56'.33 S	137° 49'.35 E
		32° 56'.33 S	137° 49'.14 E
		32° 53'.44 S	137° 49'.12 E
		32° 53'.44 S	137° 49'.33 E
		32° 52'.63 S	137° 49'.33 E
	marine farm symbol, centred on dashed line, between	33° 33'.3 S	137° 53'.4 E
		33° 33'.99 S	137° 52'.96 E
		33° 34'.08 S	137° 53'.23 E
		33° 36'.30 S	137° 51'.97 E
		33° 36'.13 S	137° 51'.59 E
		33° 33'.99 S	137° 52'.96 E
	dashed line and marine farm symbol with legend (see Note), between	33° 33'.76 S	137° 49'.18 E
		33° 35'.42 S	137° 51'.23 E
		33° 37'.45 S	137° 48'.13 E
		33° 35'.83 S	137° 46'.58 E
		33° 33'.76 S	137° 49'.18 E
	dashed line and marine farm symbol with legend (see Note), between	33° 37'.32 S	137° 50'.04 E
		33° 37'.53 S	137° 50'.29 E
		33° 38'.21 S	137° 49'.47 E
		33° 38'.65 S	137° 48'.53 E
		33° 38'.34 S	137° 48'.41 E
		33° 37'.32 S	137° 50'.04 E
	dashed line and marine farm symbol with legend (see Note), between	33° 39'.21 S	137° 47'.19 E
		33° 39'.63 S	137° 47'.57 E
		33° 40'.20 S	137° 46'.32 E
		33° 40'.63 S	137° 45'.66 E
		33° 40'.32 S	137° 45'.23 E
		33° 39'.58 S	137° 46'.02 E
		33° 39'.21 S	137° 47'.19 E
Move	marine farm symbol, centred on to	32° 53'.6 S	137° 49'.6 E
		32° 54'.5 S	137° 50'.4 E
AX 00343S [451/2013]			
Delete	marine farm, centred on	34° 48'.5 S	136° 27'.8 E
	marine farm, centred on	34° 42'.4 S	136° 20'.5 E
AX 00776S [451/2013]			
Insert	dashed line, between	34° 51'.36 S	137° 20'.43 E
		34° 51'.06 S	137° 19'.54 E
		34° 49'.92 S	137° 19'.48 E
		34° 49'.45 S	137° 18'.78 E
		34° 48'.24 S	137° 18'.73 E
		34° 48'.24 S	137° 22'.72 E
		34° 51'.36 S	137° 22'.84 E
Delete	dashed line, between	34° 51'.4 S	137° 20'.4 E
		34° 51'.4 S	137° 22'.8 E
	marine farm, centred on	34° 29'.6 S	137° 23'.3 E
	marine farm, centred on	34° 30'.4 S	137° 22'.6 E
	marine farm, centred on	34° 42'.3 S	136° 20'.5 E
	marine farm, centred on	34° 48'.4 S	136° 28'.0 E

453* AUSTRALIA - SOUTH AUSTRALIA - Spencer Gulf - Anchorage

Department of Planning, Transport and Infrastructure SA Notice 14/2013 (AA667067)

Aus 485 [452/2013]

Insert	anchorage area, between	33° 18'.9 S	137° 33'.0 E
		33° 20'.1 S	137° 37'.4 E
		33° 25'.5 S	137° 35'.4 E
		33° 24'.3 S	137° 31'.0 E
		33° 18'.9 S	137° 33'.0 E

Aus 778 [452/2013]

Insert	anchorage area, between	33° 18'.9 S	137° 33'.0 E
		33° 20'.1 S	137° 37'.4 E
		33° 25'.5 S	137° 35'.4 E
		33° 24'.3 S	137° 31'.0 E
		33° 18'.9 S	137° 33'.0 E

454* AUSTRALIA - VICTORIA - Port Phillip - Lonsdale Bay - Light beacons

Victorian Notice 53/2013 (AA667122)

Aus 144 [48/2013]

Move	light beacon	38° 16'.60 S	144° 37'.61 E
	to	38° 16'.599 S	144° 37'.612 E
	light beacon	38° 16'.87 S	144° 37'.73 E
	to	38° 16'.870 S	144° 37'.741 E
	light beacon	38° 17'.14 S	144° 37'.86 E
	to	38° 17'.134 S	144° 37'.867 E

455* AUSTRALIA - VICTORIA - Port Phillip - Princes Pier - Lights*Former Notice - 1100(T)/2010 is cancelled*

Victorian Notice 94(T)/2010 (AA496795, AA669156, AA669157)

Aus 154 [254/2013]

Insert	accompanying block	37° 50'.6 S	144° 55'.5 E
--------	------------------------------------	-------------	--------------

456 CORAL SEA - Landsdowne Bank - Depth southwards

BA Notice 17/1813/2013 (AA667114)

Aus 4060 (INT 60) [256/2013]

Insert	depth, 34m	21° 23'.0 S	160° 46'.0 E
Delete	depth, 48m	21° 10'.0 S	160° 48'.0 E

Aus 4602 (INT 602) [582/2012]

Insert	depth, 34m	21° 23'.0 S	160° 46'.0 E
Delete	depth, 48m	21° 19'.0 S	160° 44'.0 E

Aus 4635 (INT 635) [1178/2012]

Insert	depth, 34m	21° 23'.0 S	160° 46'.0 E
--------	------------	-------------	--------------

457(T)/2013 AUSTRALIA - NEW SOUTH WALES - Broken Bay - Barrenjoey Head - Light range reduced

Former Notice - 1318(T)/2010 is cancelled
NSW Maritime (AA506509)

The light (33° 34'.82 S 151° 19'.79 E) has been temporarily altered to *F(4)20s 113m 12M*.

Chart temporarily affected - Aus 197 - Aus 204 - Aus 215 - Aus 489 - Aus 809 - Aus 4643 (INT 643) - AX 00215T - AX 00809S

458(T)/2013 AUSTRALIA - QUEENSLAND - Gold Coast - Nerang River - Harbour works

Date - Until 30 June 2014

Maritime Safety Queensland Notice 327(T)/2013 (AA668391)

Construction works on the Gold Coast bridge are in progress.

The *F.Bu* lights in positions 27° 58'.62 S 153° 25'.27 E and 27° 58'.61 S 153° 25'.28 E are unlit.

Lateral light buoys will be positioned to guide vessels through the construction zone and beneath the relevant bridge navigation span as required.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 230

459(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notice - 340(T)/2013 is cancelled

Brisbane Port Corporation (AA669646)

Available depths and under keel clearances (UKC) at 2 May 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No11	13.4	
Fisherman Islands No10	13.3	
Fisherman Islands No9	13.3	
Fisherman Islands No8	13.1	
Fisherman Islands No7	13.2	
* Fisherman Islands No6	13.7	
* Fisherman Islands No5	13.3	
* Fisherman Islands No4	13.3	
* Fisherman Islands No3	13.1	
* Fisherman Islands No2	13.0	
* Fisherman Islands No1	13.0	
* Fisherman Islands Grain and Woodchip	12.2	
* Caltex Fisherman Islands	14.4	
* Fisherman Islands Coal	13.6	
* Fisherman Islands General Purpose	10.7	
* BP Luggage Point	13.7	
* Caltex Products	9.8	
* Cement Australia Co Wharf	9.3	
* BP Products	9.8	
* Shell	9.9	
* Pacific Terminals	9.8	
* Incitec North	9.0	
* Incitec South	9.2	
* Pinkenba 1	10.1	
* Pinkenba 2	10.1	
Riverside Marina	-	
Sugar Terminal	9.9	
* Cairncross Fitting Out Wharf	7.4	
* Cairncross Breasting Wharf	5.5	
Brisbane Naval Wharf	4.3	
* Maritime No1	8.4	
Hamilton No4	10.1	
* Hamilton No1	8.6	
* Brisbane Cruise Ship Terminal	8.6	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay:</i>		
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width) Shoaling least depth, 14.6m, exists in position 27° 02'.39 S 153° 15'.66 E.
East Knoll Bypass Channel	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
<i>Brisbane River:</i>		
Outer Bar Cutting	13.9	1.46
Inner Bar Cutting	13.5	1.46
* Fisherman Islands Swing Basin	13.6	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
* Hamilton Swing Basin	8.4	0.6 / 0.9 (draft/tide)
* Indicates new or revised entry.		

Chart temporarily affected - Aus 235 - Aus 236 - Aus 237 - Aus 238 - Aus 814 - Aus 815

3 May 2013

460(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Light buoy repositioned*Former Notice* - 259(T)/2013 is cancelled*Date* - Until 24 May 2013

Maritime Safety Queensland Notice 322(T)/2013 (AA668447)

NE2 port lateral light buoy, *Fl.R.2.5s* (26° 57'.46 S 153° 20'.51 E), has been repositioned to 26° 57'.60 S 153° 20'.33 E.**Chart temporarily affected - Aus 235 - Aus 814 - Aus 815****461(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer***Date* - Until 30 June 2013

Maritime Safety Queensland Notice 321(T)/2013 (AA668451)

Ship to ship transfer of LPG will be conducted at STS1 anchorage (27° 17'.25 S 153° 16'.56 E). An exclusion zone (1850 metres radius) exists around transfer operations.

Chart temporarily affected - Aus 236**462(T)/2013 AUSTRALIA - QUEENSLAND - Brisbane River - Aquarium Passage - Harbour works completed***Former Notice* - 697(T)/2012 is cancelled

Maritime Safety Queensland (AA668303, AA668304)

Note: this information has been incorporated in new edition Aus 238 to be published shortly.

Cancel this notice on receipt.

Chart formerly affected - Aus 238**463(T)/2013 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Wreck**

Maritime Safety Queensland Notice 348(T)/2013 (AA669341)

A wreck exists in position 25° 32'.04 S 152° 55'.49 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 240 - Aus 241**464(T)/2013 AUSTRALIA - QUEENSLAND - Keppel Bay - Scientific instrument***Date* - Until 5 June 2013

Maritime Safety Queensland Notice 341(T)/2013 (AA668942)

A subsurface scientific instrument marked by 3 white poly floats exists in position 23° 27'.18 S 150° 55'.02 E.

Chart temporarily affected - Aus 247 - Aus 265 - Aus 819

465(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Triangular Island - Live firing

Date - Until 27 May 2013

Maritime Safety Queensland Notice 267(T)/2013 (AA664124)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 11 to 26 May 2013.

A marine danger area extends to all waters within a 3M radius of position 22° 23'.0 S 150° 30'.3 E.

All waters, creeks, beaches and other areas within the declared marine danger area are not available for access.

Mariners are advised to keep clear of this area throughout the above times.

Chart temporarily affected - Aus 260 - Aus 367 - Aus 822 - AX 00260S - AX 00260T - AX 00367S - AX 00822S

466(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed

Former Notice - 346(T)/2013 is cancelled

Maritime Safety Queensland Notice 266(T)/2013 (AA664121)

Cancel this notice on receipt.

Chart formerly affected - Aus 248 - Aus 367 - Aus 820 - AX 67248 - AX 00367S - AX 00820S

467(T)/2013 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations

Former Notice - 347(T)/2013 is cancelled

Date - Until 30 June 2013

Maritime Safety Queensland Notice 335(T)/2013 (AA668921)

Diving operations are in progress in the vicinity position 21° 15'.88 S 149° 18'.77 E.

MV *Shadows* is onsite and will display appropriate lights and shapes and will monitor VHF Ch 14 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 249 - Aus 250 - AX 00249S

468(T)/2013 AUSTRALIA - QUEENSLAND - Cape Edgecumbe to Abbot Point - Scientific instruments recovered

Former Notice - 1032(T)/2011 is cancelled

Maritime Safety Queensland (AA667524)

Cancel this notice on receipt.

Chart formerly affected - Aus 255 - Aus 825 - Aus 826

469(T)/2013 AUSTRALIA - QUEENSLAND - Cleveland Bay to Rowes Bay - Scientific instruments removed

Former Notice - 251(T)/2012 is cancelled

Maritime Safety Queensland (AA667524)

Cancel this notice on receipt.

Chart formerly affected - Aus 256 - Aus 257 - Aus 827

470(T)/2013 AUSTRALIA - QUEENSLAND - Low Islets - AIS trial completed

Former Notice - 865(P)/2012 is cancelled
 Australian Maritime Safety Authority ATH 5/2013 (AA666295)

Cancel this notice on receipt.

Chart formerly affected - Aus 830 - Aus 831 - AX 6027S - Aus 4620 (INT 620) - AX 04620U

471(P)/2013 AUSTRALIA - QUEENSLAND - Hannibal Islands - Light altered

Date - On or about 3 May 2013
 Australian Maritime Safety Authority Preliminary ATH 09/2013 (AA668634)

The light (11° 35'.55 S 142° 56'.69 E) has been altered to *Fl(2)8s 28m 15M*.

Chart which will be affected - Aus 835 - Aus 4620 (INT 620) - Aus 4720 (INT 720) - AX 04620U - AX 04720U

472(T)/2013 PAPUA NEW GUINEA - Dampier Strait - Light beacon unlit

National Maritime Safety Authority PNG Notice 18(T)/2013 (AA668923)

The light beacon, *Fl(2)10s 7m 10M* (5° 24'.15 S 148° 22'.17 E), is unlit.

Chart temporarily affected - Aus 386 - Aus 548 - Aus 673 - Aus 4603 (INT 603) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX 04603U - AX 04604U

473(T)/2013 PAPUA NEW GUINEA - Djaul Island - Light unlit

National Maritime Safety Authority PNG Notice 19(T)/2013 (AA668923)

The light, *Fl.10s 79m 10M* (3° 00'.04 S 150° 43'.57 E), is unlit.

Chart temporarily affected - Aus 392 - Aus 393 - Aus 543 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622) - AX 04604U

474(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Wessel to Cape Londonderry - Seismic survey completed

Former Notice - 408(T)/2013 is cancelled
 Seabird Exploration FZ-LLC (AA669411)

Cancel this notice on receipt.

Chart formerly affected - Aus 306 - Aus 309 - Aus 310 - Aus 311 - Aus 312 - Aus 315 - Aus 316 - Aus 318 - Aus 714 - Aus 716 - Aus 717 - Aus 718 - Aus 719 - Aus 725 - Aus 726 - Aus 727 - Aus 4720 (INT 720) - Aus 4721 (INT 721) - AX 00306U - AX 00309T - AX 00309U - AX 00310U - AX 00311U - AX 00312U - AX 00315U - AX 04720U - AX 04721U

475(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Scientific instrument recovered

Former Notice - 268(T)/2013 is cancelled
 Darwin Port Corporation Notice 66(T)/2013 (AA669373)

Cancel this notice on receipt.

Chart formerly affected - Aus 24

476(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works*Former Notice - 352(T)/2013 is cancelled*

Darwin Port Corporation Notice 67(T)/2013 (AA669398)

Works associated with the construction of the module offloading facility are in progress in an area bounded by the following positions:

12° 30'.57 S 130° 55'.28 E
 12° 30'.29 S 130° 55'.63 E
 12° 30'.62 S 130° 55'.90 E
 12° 31'.02 S 130° 55'.99 E
 12° 31'.13 S 130° 55'.74 E.

An exclusion zone exists within the area of the works.

The causeway is marked at the extremities by Q. Y lights. A silt curtain marked by Q. Y lights exists around the causeway.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 26 - Aus 28 - AX 00026T**477(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Scientific instruments recovered***Former Notice - 712(T)/2012 is cancelled*

MetOcean Engineers (AA669785)

Cancel this notice on receipt.

Chart formerly affected - Aus 324**478(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Lights***Date - On or about 3 May 2013*

Port Hedland Port Authority, BHP Billiton (AA669057)

Leading lights have been altered/established as follows:

<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
20° 18'.69 S 118° 34'.04 E	F.R.15m	Mazda rear moved
20° 18'.95 S 118° 34'.04 E	F.R.40m	Utah rear common with new Shelf rear and Airey front
20° 19'.01 S 118° 34'.15 E	F.R.18m	Utah front moved; bearing 297.8°
20° 19'.02 S 118° 34'.15 E	F.R.18m	Shelf front new light; bearing 302°
20° 19'.04 S 118° 33'.96 E	F.R.44m	Leslie rear new light common with Airey rear
20° 19'.06 S 118° 34'.04 E	F.R.37m	Leslie front new light; bearing 287.7°
20° 20'.00 S 118° 35'.38 E	F.R.15m	Smith Point rear moved
20° 19'.95 S 118° 35'.35 E	F.R.11m	Smith Point front moved.

Leading lights in positions 20° 19'.15 S 118° 33'.83 E and 20° 19'.16 S 118° 33'.93 E have been discontinued.

A new edition of Aus 54 is in production.

Chart which will be affected - Aus 54**479(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Scientific instrument recovered***Former Notice - 126(T)/2012 is cancelled*

Department of Transport WA (AA669689)

Cancel this notice on receipt.

Chart formerly affected - Aus 55 - Aus 56

480(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Drilling operations

Date - Until 20 June 2013

Department of Transport WA Notice 64/2013 (AA668443)

Jack-up barge *Driller 1* and support vessel *Southern Image* are conducting drilling operations in the following positions:

20° 50'.52 S 116° 13'.38 E
 20° 50'.44 S 116° 13'.39 E
 20° 50'.35 S 116° 13'.40 E
 20° 50'.22 S 116° 13'.41 E
 20° 50'.12 S 116° 13'.42 E
 20° 50'.01 S 116° 13'.43 E
 20° 49'.89 S 116° 13'.45 E
 20° 49'.61 S 116° 13'.45 E
 20° 49'.34 S 116° 13'.48 E
 20° 49'.33 S 116° 13'.23 E.

Vessels will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 68 - Aus 742 - Aus 743**481(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig westwards**

Former Notice - 420(T)/2013 is cancelled

Date - Until 4 July 2013

Australian Maritime Safety Authority Auscoast Warning 110/2013 (AA666329), MODU *Ocean America* (AA666330)Drill rig *Ocean America* is conducting drilling operations in position 20° 45'.41 S 114° 44'.00 E.**Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - AX 04723U****482(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Scientific instruments recovered**

Former Notice - 362(T)/2012 is cancelled

MetOcean Engineers (AA667665)

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 329**483(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Serrurier Island - Scientific instruments**

Date - Until 31 May 2013

MetOcean Engineers (AA667665)

Scientific instruments exist as follows:

Position	Remarks
21° 39'.19 S 114° 40'.86 E	FI(5)Y.20s
21° 39'.22 S 114° 40'.90 E	5 poly floats.

Chart temporarily affected - Aus 328 - Aus 743 - Aus 744**484(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwards**

Former Notice - 431(T)/2013 is cancelled

Date - Until 18 May 2013

BHP Billiton Petroleum Pty Ltd (AA669844)

Drill rig *Nan Hai 6* is conducting drilling operations in position 21° 31'.63 S 114° 05'.16 E.**Chart temporarily affected - Aus 328 - Aus 329 - Aus 744**

3 May 2013

485(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Drill rig northwestwards

Former Notice - 226(T)/2013 is cancelled

Date - Until 12 July 2013

Australian Maritime Safety Authority Auscoast Warning 125/2013 (AA668838), MODU *Atwood Eagle* (AA668632)

Drill rig *Atwood Eagle* is conducting drilling operations in position 20° 57'.49 S 113° 05'.67 E.

Chart temporarily affected - Aus 329 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U

486(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Gregory - Shoaling

Department of Transport WA Notice 66/2012 (AA668957)

Shoaling, with a least depth of *0.1m*, exists adjacent to the jetty (28° 11'.44 S 114° 14'.95 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 84

487(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Pelsaert Bank - Seismic survey completed

Former Notice - 434(T)/2013 is cancelled

S2V Consulting Pty Ltd (AA669441)

Cancel this notice on receipt.

Chart formerly affected - Aus 333 - Aus 752 - Aus 753

488(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Pelsaert Bank - Seismic survey

Date - Until 15 May 2013

S2V Consulting Pty Ltd (AA669441)

MV *Western Trident*, with a 8000m towed array, support vessels MV *Pacific Crest* and MV *Ando* and guard vessels MV *Kuri Pearl II* and MV *Clive James* are conducting a survey in the area bounded by the following positions:

28° 52'.15 S 114° 10'.26 E

29° 02'.03 S 114° 39'.27 E

29° 32'.60 S 114° 52'.35 E

30° 01'.96 S 114° 50'.00 E

30° 12'.91 S 114° 41'.96 E

29° 55'.64 S 114° 02'.02 E.

Chart temporarily affected - Aus 332 - Aus 333 - Aus 751 - Aus 752 - Aus 753

489(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Emu Point - Light established

Date - On or about 31 July 2013

Albany Port Authority Notice 1(P)/2013 (AA663443)

A light *Iso.WRG.2s 10m 11M* with sectors Red 167° - 164.5° (2.5°), White 164.5° - 160.5° (4°), Green 160.5° - 158° (2.5°) has been established in position 34° 59'.96 S 117° 56'.76 E. This light will be trialled for three months.

Chart which will be affected - Aus 110 - Aus 118 - AX 00110S - AX 00118S

490(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Gulf St Vincent - Scientific instrument recovered

Former Notice - 363(T)/2013 is cancelled

Defence Science and Technology Organisation (AA663625)

Cancel this notice on receipt.

Chart formerly affected - Aus 780 - Aus 781

3 May 2013

491(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Station Pier - Harbour works

Date - Until 14 May 2013

Victorian Notice 61(T)/2013 (AA669337)

Works associated with the remediation of the lighthouse (37° 50'.53 S 144° 55'.76 E) are in progress.

A barge is onsite and will display appropriate lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 154**492(P)/2013 AUSTRALIA - VICTORIA - Corner Inlet - Lighthouse Point - Light buoys; light bearing to be altered**

Date - On or about 6 May 2013

Victorian Notice 60(P)/2013 (AA669338)

The light *Fl.5s 36m 17M & Dir Fl.WRG.3s 35m 9M* (38° 50'.54 S 146° 28'.46 E (WGS84 datum)), will be altered to a centreline bearing of 278° with sectors Green 273° - 277° (4°), White 277° - 279° (2°), Red 279° - 283° (4°).

No1 light buoy (38° 51'.19 S 146° 35'.70 E) will be repositioned to 38° 51'.24 S 146° 35'.69 E.

No3 light buoy (38° 51'.03 S 146° 34'.02 E) will be repositioned to 38° 51'.09 S 146° 34'.11 E.

Chart which will be affected - Aus 181 - Aus 357 - Aus 802

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
AHS- Product	Block missing		G Falconer
WA- Ashburton Road	Nomenclature		J Silberberg

NAVIGATION WARNINGS

The following radio messages have been received during the period to 3 May 2013. 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

- 120 Cancelled.
 121 Virtual AIS aid to navigation isolated danger mark MMSI No 995036058 established on trial at Pearn Rock 11° 25'.35 S 142° 56'.25 E.
 122 Virtual AIS aid to navigation south cardinal mark MMSI No 995036057 established on trial at Reeves Shoal 10° 31'.62 S 142° 26'.80 E.
 123 Virtual AIS aid to navigation isolated danger mark MMSI No 995036059 established on trial at Singleton Patch 14° 09'.7 S 144° 37'.8 E.
 124 Cancelled.
 125 Drill rig *Atwood Eagle* in position 20° 57'.49 S 113° 05'.67 E. 2.5M clearance requested.
 126 Special purpose vessel Highland Navigator conducting pipeline dewatering operations in position 20° 27'.55 S 114° 50'.53 E, between 25 APR 13 and 28 APR 13. All vessels operating within 3M of this position are advised to shut down water making equipment during this period.
 127 Nardana Patches current meter in position 10° 30'.28 S 142° 14'.63 E temporarily discontinued.
 128 Port Walcott light buoy in position 20° 25'.84 S 117° 22'.84 E unlit.

NAVAREA X WARNINGS

- 019 Cancelled.
 020 Cancelled.
 021 Cancelled.
 022 Cancelled.

Navigational warnings in force as at 030001UTC MAY 13.**Auscoast**

2012 318

2013 014 019 024 026 028 063 069 070 075 082 088 091 096 098 099 100 103 105 107 109 110 111 116 118 121 122 123
125 126 127 128**Navarea X**

2013 018

Summary of mobile drilling rigs as at 030001UTC MAY 13.

<i>Name</i>	<i>Position</i>
Jack Bates	13° 24'.93 S 123° 18'.21 E
Transocean Legend	13° 44'.28 S 122° 20'.13 E
Ensco 109	20° 00'.38 S 115° 38'.29 E
Atwood Falcon	20° 04'.23 S 115° 11'.03 E
Ensco 104	21° 19'.51 S 115° 06'.45 E
Atwood Osprey	20° 24'.30 S 114° 50'.57 E
Ocean America	20° 45'.41 S 114° 44'.00 E
Deepwater Frontier	19° 47'.59 S 114° 38'.93 E
Nan Hai 6	21° 32'.10 S 114° 09'.30 E
Noble Clyde Boudreaux	22° 05'.20 S 113° 10'.85 E
Atwood Eagle	20° 57'.49 S 113° 05'.67 E

NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 030001UTC MAY 13.

2013 026 027

2012 076