**1 June 2012** **Edition 11**

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

# AUSTRALIAN NOTICES TO MARINERS

## Notices 528 – 580

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN 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).


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## IMPORTANT NOTICE

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

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## 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.

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## 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).

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## 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.

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**528 AUSTRALIA - Products**
Australian Hydrographic Service (AA602915)

**New Electronic Navigation Chart (Seafarer ENC)**

| *Cell Name* | *Released* | *Title* | *Replaces Cell* |
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| AU5242P0 | June 2012 | Coral Sea - Port Bundaberg and Burnett River | AU5XX242 |
| AU5230P0 | June 2012 | Queensland - Gold Coast Seaway | AU5XX230 |
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| AU5299P0 | June 2012 | Torres Strait - Approaches to Thursday Island | AU5XX299 |
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| AU5777P3 | June 2012 | South Australia - Spencer Gulf - Lucky Bay | |
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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.

**529 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2012**
Australian Hydrographic Service (AA6001345)

Page 398
*Amend* Easter Group (Port No 62300) To Chart Datum to 0.0

Page xxxv
*Amend* Newcastle To Chart Datum AUS 208 NE 18 MAY 2012 0.0

**530 AUSTRALIA - Product - Amendment to Australian Seafarers Handbook AHP20**
Australian Hydrographic Service (AA601694)

*Insert* accompanying pages 23 - 24 (A QIS name changes to Biosecurity)

**531 AUSTRALIA - Product - Amendment to Australian Chart and Publication Maintenance Handbook AHP24**
Australian Hydrographic Service (AA601694)

*Delete* paragraph 3.1.3 - Chart Availability

**532* AUSTRALIA - NEW SOUTH WALES - Batemans Bay - Buoy**
NSW Maritime (AA599476, AA599477)

**Aus 191 (plan, Batemans Bay Marina)** [*277/2012*]

| | | | |
|---|---|---|---|
| Move | buoy | 35º 42'.88 S | 150º 11'.39 E |
| | to | 35º 42'.891 S | 150º 11'.390 E |

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**533*  AUSTRALIA - NEW SOUTH WALES - Botany Bay - VTS limits**
Sydney Ports Corp (AA598178)

**Aus 197** [*373/2012*]

| | | | |
|---|---|---|---|
| Amend | legend to *Port/VTS Limits* , centred on | 34º 02'.5 S | 151º 17'.8 E |

**Aus 198** [*1176/2011*]

| | | | |
|---|---|---|---|
| Insert | magenta dashed line with legend *VTS Limit* between | 34º 00'.466 S | 151º 11'.243 E |
| | | 33º 58'.846 S | 151º 08'.967 E |
| | radio reporting point, orient 090° | 33º 59'.52 S | 151º 10'.17 E |
| Amend | legend to *Port/VTS Limits* , centred on | 34º 03'.83 S | 151º 13'.86 E |
| | legend to *Port/VTS Limits* , centred on | 33º 57'.00 S | 151º 17'.55 E |

**Aus 199** [*1176/2011*]

| | | | |
|---|---|---|---|
| Insert | magenta dashed line with legend *VTS Limit* between | 33º 59'.435 S | 151º 09'.790 E |
| | | 33º 58'.846 S | 151º 08'.967 E |
| | radio reporting point, orient 090° | 33º 59'.36 S | 151º 09'.84 E |

**Aus 808** [*423/2012*]

| | | | |
|---|---|---|---|
| Amend | legend to *Port/VTS Limits* , centred on | 34º 01'.4 S | 151º 18'.5 E |

**AX 00808S** [*423/2012*]

| | | | |
|---|---|---|---|
| Amend | legend to *Port/VTS Limits* , centred on | 34º 01'.39 S | 151º 18'.56 E |

**534*  AUSTRALIA - NEW SOUTH WALES - Botany Bay - Light beacon; light buoy**
Sydney Ports Corp (AA598178)

**Aus 198** [*533/2012*]

| | | | |
|---|---|---|---|
| Insert | west cardinal light beacon, *Q(9)15s*, with topmark | 33º 58'.072 S | 151º 11'.378 E |
| Delete | light buoy | 33º 58'.07 S | 151º 11'.38 E |

**Aus 199** [*533/2012*]

| | | | |
|---|---|---|---|
| Insert | west cardinal light beacon, *Q(9)15s*, with topmark | 33º 58'.072 S | 151º 11'.378 E |
| Delete | light buoy | 33º 58'.07 S | 151º 11'.38 E |

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**535*  AUSTRALIA - NEW SOUTH WALES - Port Jackson - VTS limits**
Sydney Ports Corp (AA598178)

| | | | |
|---|---|---|---|
| **Aus 197** [*533/2012*] | | | |
| Amend | legend to *Port/VTS Limits* , centred on | 33º 51'.0 S | 151º 21'.3 E |
| **Aus 200** [*482/2012*] | | | |
| Insert | magenta dashed line with legend *VTS Limit* between | 33º 48'.750 S | 151º 16'.394 E |
| | | 33º 49'.600 S | 151º 16'.128 E |
| | magenta dashed line with legend *VTS Limit* between | 33º 50'.811 S | 151º 11'.214 E |
| | | 33º 50'.583 S | 151º 11'.254 E |
| | radio reporting point, orient 105° | 33º 49'.25 S | 151º 16'.28 E |
| Amend | legend to *Port/VTS Limits* , centred on | 33º 53'.31 S | 151º 19'.48 E |
| | legend to *Port/VTS Limits* , centred on | 33º 46'.57 S | 151º 19'.20 E |
| **Aus 201** [*482/2012*] | | | |
| Insert | magenta dashed line with legend *VTS Limit* between | 33º 48'.750 S | 151º 16'.394 E |
| | | 33º 49'.600 S | 151º 16'.128 E |
| | radio reporting point, orient 105° | 33º 49'.25 S | 151º 16'.28 E |
| **Aus 202** [*179/2012*] | | | |
| Insert | magenta dashed line with legend *VTS Limit* between | 33º 50'.811 S | 151º 11'.217 E |
| | | 33º 50'.583 S | 151º 11'.256 E |
| **Aus 808** [*533/2012*] | | | |
| Amend | legend to *Port/VTS Limits* , centred on | 33º 50'.5 S | 151º 21'.5 E |
| **Aus 809** [*373/2012*] | | | |
| Amend | legend to *Port/VTS Limits* , centred on | 33º 50'.5 S | 151º 21'.5 E |
| **AX 6201F** [*482/2012*] | | | |
| Insert | magenta dashed line with legend *VTS Limit* between | 33º 50'.811 S | 151º 11'.217 E |
| | | 33º 49'.600 S | 151º 16'.128 E |
| **AX 6202F** [*1177/2011*] | | | |
| Insert | magenta dashed line with legend *VTS Limit* between | 33º 50'.811 S | 151º 11'.217 E |
| | | 33º 50'.583 S | 151º 11'.256 E |

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**536* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Shark Island to Gore Cove - Wreck; depth**
*Former Notice* - 46(T)/2012 is cancelled
Sydney Ports Corp (AA600647, AA574743)

**Aus 200** [*535/2012*]

| | | | |
|---|---|---|---|
| Insert | depth, $8_5$*m,* enclosed by danger circle with legend, *Wk* | 33º 51'.270 S | 151º 15'.494 E |

**Aus 201** [*535/2012*]

| | | | |
|---|---|---|---|
| Insert | depth, $8_5$*m,* enclosed by danger circle with legend, *Wk* | 33º 51'.270 S | 151º 15'.494 E |

**Aus 202** [*535/2012*]

| | | | |
|---|---|---|---|
| Insert | depth *11* m | 33º 50'.692 S | 151º 11'.075 E |
| Delete | depth, $9_9$m and enclosing contour | 33º 50'.71 S | 151º 11'.08 E |

**Aus 203** [*1360/2010*]

| | | | |
|---|---|---|---|
| Insert | depth *11* m | 33º 50'.692 S | 151º 11'.075 E |
| Delete | depth, $9_9$m and enclosing contour | 33º 50'.71 S | 151º 11'.08 E |

**AX 6201F** [*535/2012*]

| | | | |
|---|---|---|---|
| Insert | depth, $8_5$*m,* enclosed by danger circle with legend, *Wk* | 33º 51'.270 S | 151º 15'.494 E |

**AX 6202F** [*535/2012*]

| | | | |
|---|---|---|---|
| Insert | depth *11* m | 33º 50'.692 S | 151º 11'.075 E |
| | depth, $8_5$*m,* enclosed by danger circle with legend, *Wk* | 33º 51'.270 S | 151º 15'.494 E |
| Delete | depth, $9_9$m and enclosing contour | 33º 50'.71 S | 151º 11'.08 E |

**537* AUSTRALIA - QUEENSLAND - Gold Coast Seaway - The Broadwater and North Channel - Navaids**
Maritime Safety Queensland Notice 526, 527/2012 (AA601368, AA601366, AA590074)

**Aus 230** [*375/2012*]

| | | | |
|---|---|---|---|
| Insert | special light beacon, *Fl.Y.4s* , with topmark | 27º 55'.208 S | 153º 24'.512 E |
| | notice board | 27º 57'.732 S | 153º 25'.330 E |
| | notice board | 27º 57'.998 S | 153º 25'.450 E |
| Move | light beacon | 27º 54'.28 S | 153º 25'.14 E |
| | to | 27º 54'.318 S | 153º 25'.108 E |
| Delete | depth $2_9$m | 27º 54'.33 S | 153º 25'.11 E |
| | beacon | 27º 55'.23 S | 153º 24'.51 E |
| | beacon | 27º 57'.85 S | 153º 25'.34 E |
| | beacon | 27º 58'.00 S | 153º 25'.48 E |
| | beacon | 27º 58'.47 S | 153º 25'.46 E |
| | beacon | 27º 55'.06 S | 153º 24'.40 E |
| | beacon | 27º 58'.62 S | 153º 25'.21 E |

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**538* AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Light buoy**
Maritime Safety Queensland Notice 530/2012 (AA601643)

**Aus 235** [*377/2012*]

| | | | |
|---|---|---|---|
| Move | light buoy | 26º 59'.9 S | 153º 19'.9 E |
| | to | 26º 57'.94 S | 153º 19'.95 E |

**Aus 236** [*376/2012*]

| | | | |
|---|---|---|---|
| Move | light buoy | 26º 59'.9 S | 153º 19'.9 E |
| | to | 26º 57'.94 S | 153º 19'.95 E |

**539* AUSTRALIA - QUEENSLAND - Victor Island - Mooring area**
*Former Notice* - 1327(P)/2011 is cancelled
Maritime Safety Queensland Notice 472/2012 (AA601397)

**Aus 249** [*382/2012*]

| | | | |
|---|---|---|---|
| Insert | dashed line with legend *Moorings* | 21º 21'.03 S | 149º 21'.64 E |
| | | 21º 19'.28 S | 149º 23'.33 E |
| | | 21º 19'.92 S | 149º 24'.00 E |
| | | 21º 21'.58 S | 149º 22'.24 E |
| | | 21º 21'.03 S | 149º 21'.64 E |

**Aus 823** [*632/2011*]

| | | | |
|---|---|---|---|
| Insert | dashed line with legend *Moorings* | 21º 21'.03 S | 149º 21'.64 E |
| | | 21º 19'.28 S | 149º 23'.33 E |
| | | 21º 19'.92 S | 149º 24'.00 E |
| | | 21º 21'.58 S | 149º 22'.24 E |
| | | 21º 21'.03 S | 149º 21'.64 E |

**AX 00249S** [*382/2012*]

| | | | |
|---|---|---|---|
| Insert | dashed line with legend *Moorings* | 21º 21'.03 S | 149º 21'.64 E |
| | | 21º 19'.28 S | 149º 23'.33 E |
| | | 21º 19'.92 S | 149º 24'.00 E |
| | | 21º 21'.58 S | 149º 22'.24 E |
| | | 21º 21'.03 S | 149º 21'.64 E |

**AX 00823S** [*NE 9/2/2012*]

| | | | |
|---|---|---|---|
| Insert | dashed line with legend *Moorings* | 21º 21'.03 S | 149º 21'.64 E |
| | | 21º 19'.28 S | 149º 23'.33 E |
| | | 21º 19'.92 S | 149º 24'.00 E |
| | | 21º 21'.58 S | 149º 22'.24 E |
| | | 21º 21'.03 S | 149º 21'.64 E |

**540* AUSTRALIA - QUEENSLAND - Lucinda - Chart limit**
Australian Hydrographic Service (AA597740)

**Aus 828** [*225/2012*]

| | | | |
|---|---|---|---|
| Insert | magenta limit between | 18º 28'.60 S | 146º 25'.80 E |
| | | 18º 28'.60 S | 146º 18'.50 E |
| Delete | magenta limit between | 18º 28'.6 S | 146º 25'.8 E |
| | | 18º 26'.6 S | 146º 25'.8 E |
| | | 18º 26'.6 S | 146º 18'.5 E |
| | | 18º 28'.6 S | 146º 18'.5 E |

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**541*  AUSTRALIA - CORAL SEA - Wrecks**
DSEWP&C (AA599951, AA599952, AA599953)

**Aus 4604 (INT 604)** [*452/2012*]

| | | | |
|---|---|---|---|
| Insert | historic wreck symbol with magenta legend, *Historic Wks* | 15º 21'.1 S | 155º 27'.0 E |
| | historic wreck symbol | 15º 35'.0 S | 155º 36'.0 E |
| | historic wreck symbol with magenta legend, *Historic Wk* | 16º 02'.0 S | 157º 57'.0 E |

**AX 04604U** [*452/2012*]

| | | | |
|---|---|---|---|
| Insert | historic wreck symbol with magenta legend, *Historic Wks* | 15º 21'.1 S | 155º 27'.0 E |
| | historic wreck symbol | 15º 35'.0 S | 155º 36'.0 E |
| | historic wreck symbol with magenta legend, *Historic Wk* | 16º 02'.0 S | 157º 57'.0 E |

**542*  AUSTRALIA - NORTHERN TERRITORY - Port Darwin - Light buoy**
MetOcean (AA599313, AA599314)

**Aus 24** [*325/2012*]

| | | | |
|---|---|---|---|
| Insert | special pillar light buoy, *Fl(5) Y.20s* , without topmark | 12º 31'.812 S | 130º 51'.154 E |
| Delete | buoy | 12º 31'.82 S | 130º 51'.16 E |

**Aus 27** [*32/2012*]

| | | | |
|---|---|---|---|
| Insert | special pillar light buoy, *Fl(5) Y.20s* , without topmark | 12º 31'.812 S | 130º 51'.154 E |
| Delete | buoy | 12º 31'.82 S | 130º 51'.16 E |

I

**543* AUSTRALIA - Timor Sea - Depth**
Australian Hydrographic Service (DHDB 1791771)

**Aus 311** [*1067/2011*]

| | | | |
|---|---|---|---|
| Insert | depth *88* m enclosed by contour | 11º 22'.52 S | 127º 11'.49 E |
| Delete | depth 80m and enclosing contour, with legend Rep (1968) | 11º 22'.9 S | 127º 12'.3 E |

**Aus 312** [*489/2012*]

| | | | |
|---|---|---|---|
| Insert | depth *88* m enclosed by contour | 11º 22'.52 S | 127º 11'.49 E |
| Delete | depth 80m and enclosing contour, with legend Rep (1968) | 11º 22'.9 S | 127º 12'.3 E |

**Aus 315** [*1243/2011*]

| | | | |
|---|---|---|---|
| Insert | depth *88* m enclosed by contour | 11º 22'.52 S | 127º 11'.49 E |
| Delete | depth 80m and enclosing contour, with legend Rep (1968) | 11º 22'.9 S | 127º 12'.3 E |

**AX 00311U** [*NE 20/4/2012*]

| | | | |
|---|---|---|---|
| Insert | depth *88* m enclosed by contour | 11º 22'.52 S | 127º 11'.49 E |
| Delete | depth 80m and enclosing contour, with legend Rep (1968) | 11º 22'.9 S | 127º 12'.3 E |

**AX 00312U** [*489/2012*]

| | | | |
|---|---|---|---|
| Insert | depth *88* m enclosed by contour | 11º 22'.52 S | 127º 11'.49 E |
| Delete | depth 80m and enclosing contour, with legend Rep (1968) | 11º 22'.9 S | 127º 12'.3 E |

**AX 00315U** [*NE 5/4/2012*]

| | | | |
|---|---|---|---|
| Insert | depth *88* m enclosed by contour | 11º 22'.52 S | 127º 11'.49 E |
| Delete | depth 80m and enclosing contour, with legend Rep (1968) | 11º 22'.9 S | 127º 12'.3 E |

**544* AUSTRALIA - WESTERN AUSTRALIA - Yampi Sound - Comber Rock - Light beacon**
*Former Notice* - 1052(T)/2008 is cancelled
Department of Transport WA (AA600791)

**Aus 40** [*347/2011*]

| | | | |
|---|---|---|---|
| Insert | isolated danger light beacon, *Fl(2)5s* , with topmark | 16º 06'.403 S | 123º 39'.597 E |
| Delete | buoy | 16º 06'.40 S | 123º 39'.60 E |

**Aus 732** [*1069/2011*]

| | | | |
|---|---|---|---|
| Insert | isolated danger light beacon, *Fl(2)5s* , with topmark | 16º 06'.403 S | 123º 39'.597 E |
| Delete | buoy | 16º 06'.40 S | 123º 39'.60 E |

**Aus 733** [*347/2011*]

| | | | |
|---|---|---|---|
| Insert | isolated danger light beacon, *Fl(2)5s* , with topmark | 16º 06'.403 S | 123º 39'.597 E |
| Delete | buoy | 16º 06'.40 S | 123º 39'.60 E |

I

**545* AUSTRALIA - WESTERN AUSTRALIA - Broome - Lights**
Department of Transport WA (AA601317)

**Aus 51** [*NE 27/8/2010*]

| | | | |
|---|---|---|---|
| Amend | light decription to *F.Bu* | 18º 00'.19 S | 122º 12'.69 E |
| | light decription to *F.Bu* | 18º 00'.18 S | 122º 12'.71 E |

**546* AUSTRALIA - WESTERN AUSTRALIA - Geelvink Channel - Chart limits**
Australian Hydrographic Service (AA597840)

**Aus 751** [*328/2012*]

| | | | |
|---|---|---|---|
| Insert | magenta limits, with legend *Aus 83* in SE corner, between | 28º 46'.1 S | 113º 45'.4 E |
| | | 28º 46'.1 S | 113º 53'.2 E |
| | | 28º 37'.6 S | 113º 53'.2 E |
| | | 28º 37'.6 S | 113º 45'.4 E |
| | | 28º 46'.1 S | 113º 45'.4 E |
| | magenta limits, with legend *Aus 83* in SE corner, between | 28º 32'.3 S | 113º 41'.6 E |
| | | 28º 32'.3 S | 113º 49'.4 E |
| | | 28º 23'.8 S | 113º 49'.4 E |
| | | 28º 23'.8 S | 113º 41'.6 E |
| | | 28º 32'.3 S | 113º 41'.6 E |
| Substitute | accompanying ZOC diagram | 28º 57'.0 S | 113º 29'.0 E |
| Delete | magenta limits, with legend see Plan, centred on | 28º 26'.59 S | 113º 44'.87 E |
| | magenta limits, with legend see Plan, centred on | 28º 42'.62 S | 113º 47'.50 E |

**Aus 751 (plan, Good Friday Bay)**

| | | | |
|---|---|---|---|
| Delete | plan GOOD FRIDAY BAY, centred on | 28º 41'.1 S | 113º 48'.4 E |

**Aus 751 (plan, Recruit Bay)**

| | | | |
|---|---|---|---|
| Delete | plan RECRUIT BAY, centred on | 28º 24'.7 S | 113º 46'.1 E |

**547* AUSTRALIA - Antarctica - Depths**
Australian Hydrographic Service (AA600314, AA600315, AA600316)

**Aus 601 (INT 9021)** [*305/2011*]

| | | | |
|---|---|---|---|
| Insert | depth *335m* enclosed by broken contour | 66º 18'.01 S | 109º 59'.09 E |
| Substitute | depth *33* m for depth, $32_8$m | 66º 15'.49 S | 110º 27'.80 E |
| Amend | contour label to 50 | 66º 16'.0 S | 110º 30'.9 E |

**548* AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Light beacons**
Department of Planning, Transport and Infrastructure SA (AA599289, AA599291)

**Aus 137** [*700/2010*]

| | | | |
|---|---|---|---|
| Insert | port lateral topmark | 34º 48'.824 S | 138º 30'.745 E |
| | starboard lateral light beacon, *Fl.G.4s* , with topmark | 34º 48'.813 S | 138º 30'.735 E |
| Delete | light beacon | 34º 48'.8 S | 138º 30'.7 E |

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**549*  AUSTRALIA - VICTORIA - Port Phillip - South Channel - Light beacon; depth**
Port of Melbourne Corp (AA599607, AA599608)

**Aus 143** [*450/2012*]

| | | | |
|---|---|---|---|
| Substitute | north cardinal light beacon, *VQ* , with topmark for light beacon | 38º 19'.5 S | 144º 50'.1 E |
| Delete | light beacon | 38º 19'.3 S | 144º 50'.1 E |

**Aus 158** [*395/2012*]

| | | | |
|---|---|---|---|
| Substitute | north cardinal light beacon, *VQ No11* , with topmark for light beacon | 38º 19'.49 S | 144º 50'.08 E |
| | depth, *4$_9$m,* for depth *7* m, and extend contour E to enclose | 38º 19'.72 S | 144º 54'.02 E |

I

**550(T)/2012 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information**

*Former Notice* - 453(T)/2012 is cancelled

Newcastle Port Corporation (AA600845)

Available depths as at 21 May 2012:

| | *Berth* | *Metres* |
|---|---|---|
| | Western Basin 3 | 11.3 |
| | Western Basin 4 | 11.3 |
| | Eastern Basin 1 | 11.3 |
| | Eastern Basin 2 North of Ch 450 | 11.6 |
| | Eastern Basin 2 South of Ch 450 | 11.0 |
| | Channel Berth | 8.3 |
| | Dyke 1 | 12.5 |
| | Dyke 2 | 12.3 |
| | Dyke 4 | 16.5 |
| | Dyke 5 | 16.5 |
| | Dyke 6 | 6.3 |
| * | Mayfield 4 Ch 27 to 266 | 12.0 |
| | BHP Wharf 6 to Ch 1050 | 7.3 |
| | Kooragang 2 | 11.3 |
| | Kooragang 2 North Dolphin Ch 182 to 228 | 11.2 |
| | Kooragang 2 South Dolphin Ch -92 to 00 | 11.2 |
| | Kooragang 3 | 12.8 |
| * | Kooragang 4 | 16.3 |
| * | Kooragang 5 | 16.3 |
| | Kooragang 6 | 16.5 |
| | Kooragang 7 | 16.5 |
| | Kooragang 8 | 16.5 |
| | Kooragang 9 | 16.3 |
| | Kooragang Ship Receival KSR | 7.5 |
| | Throsby 1 | 8.4 |
| | Carrington Wharf | To be sounded as and when required |
| | Foreshore Park Berth | 5.9 |
| | Elgo Wharf | To be sounded as and when required |
| | *Channels* | |
| | Entrance Approach | 17.7 |
| | Entrance Channel (18.0m) | 18.0 |
| | Entrance Channel (17.4m) | 17.4 |
| | Entrance Channel (16.8m) | 16.8 |
| | Entrance Channel (16.2m) | 16.2 |
| | Entrance Channel to Horseshoe | 15.2 |
| | Horseshoe | 15.0 |
| | Steelworks Channel to Swinging Basin | 15.0 |
| * | Swinging Basin | 14.8 |
| | Hunter River South Arm (Kooragang 6 to buoy 16) | 15.2 |
| | Hunter River South Arm (buoy 16 to buoy 18) | 14.9 |
| | Basin Cutting | 12.6 |
| | Basin Area to Eastern & Western Basin Berths | 12.3 |
| | Basin Area to 1 Throsby | 9.4 |
| | Stockton Crossing | 3.6 |

* Indicates revised entry.

**Chart temporarily affected – Aus 207 – Aus 208**

I

**551(T)/2012 AUSTRALIA - NEW SOUTH WALES - Newcastle - Live firing**
*Date* - Until 16 June 2012
Department of Defence (AA596715)

Live firing activities will be conducted in the Williamtown Air Weapons Range, R574, during the period 12 to 15 June 2011.

A marine danger area extends to all internal waters bounded by 32° 00'.00 S 155° 00'.00 E, 32° 33'.62 S 154° 47'.95 E, 33° 51'.50 S 154° 01'.93 E, 33° 51'.50 S 152° 07'.95 E, 33° 32'.83 S 151° 58'.87 E, 33° 12'.35 S 151° 56'.03 E thence on the minor arc of a circle of 25M radius centred on 32° 47'.82 S 151° 50'.00 E to 33° 00'.00 S 152° 16'.00 E, 33° 00'.00 S 152° 30'.00 E, 32° 30'.00 S 153° 00'.00 E, 32° 00'.00 S 153° 00'.00 E, 32° 00'.00 S 155° 00'.00 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 489 – Aus 809 – Aus 810 – Aus 4643 (INT 643) – AX 00809S**

I

**552(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information**
*Former Notice* - 499(T)/2012 is cancelled
Brisbane Port Corporation (AA600849, AA602107, AA602720)

Available depths and under keel clearances (UKC) at 31 May 2012:

| | *Berth* | *Metres* | *Remarks* |
|---|---|---|---|
| * | Fisherman Islands No10 | 14.0 | |
| * | Fisherman Islands No9 | 14.0 | |
| | Fisherman Islands No8 | 14.1 | |
| | Fisherman Islands No7 | 14.0 | |
| * | Fisherman Islands No6 | 14.1 | |
| | Fisherman Islands No5 | 13.7 | |
| * | Fisherman Islands No4 | 14.0 | |
| * | Fisherman Islands No3 | 14.0 | |
| * | Fisherman Islands No2 | 14.0 | |
| * | Fisherman Islands No1 | 14.1 | |
| | Fisherman Islands Grain and Woodchip | 13.2 | |
| | Caltex Fisherman Islands | 14.5 | |
| * | Fisherman Islands Coal | 14.0 | |
| * | Fisherman Islands General Purpose | 11.5 | |
| * | BP Luggage Point | 14.4 | |
| | Caltex Products | 10.1 | |
| * | Cement Australia Co Wharf | 9.7 | |
| | BP Products | 10.7 | |
| | Shell | 10.9 | |
| * | Pacific Terminals | 10.8 | |
| | Incitec North | 10.0 | |
| * | Incitec South | 10.0 | |
| * | Pinkenba 1 | 10.4 | |
| * | Pinkenba 2 | 10.4 | |
| | Riverside Marina | - | |
| | Sugar Terminal | 9.8 | |
| | Cairncross Fitting Out Wharf | 8.5 | |
| | Cairncross Breasting Wharf | 7.0 | |
| | Brisbane Naval Wharf | 4.3 | |
| | Maritime No3 | 5.6 | (not maintained) |
| * | Maritime No2 | 7.6 | |
| * | Maritime No1 | 9.0 | |
| | Hamilton No4 | 10.5 | |
| | Hamilton No1 | 8.7 | |
| * | Brisbane Cruise Ship Terminal | 9.0 | |
| | *Moreton Bay* : | | |
| | North East Channel | 5.5 | 1.5 |
| | 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) |
| | 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 |
| | *Brisbane River* : | | |
| * | Entrance Beacons and Bar Cutting | 13.8 | 1.46 |
| | Fisherman Islands Swing Basin | 13.8 | 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 | 8.7 | 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**

I

**553(T)/2012 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Elimbah Creek - Beacon restored**
*Former Notice* - 916(T)/2011 is cancelled
Maritime Safety Queensland Notice 512/2012 (AA600507)

Cancel this notice on receipt.

**Chart formerly affected – Aus 235 – Aus 236**

**554(T)/2012 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations**
*Former Notice* - 501(T)/2012 is cancelled
Maritime Safety Queensland Notice 543(T)/2012 (AA602104)

Shoaling with a least depth of *1.1m* exists in the area 26° 40'.79 S 153° 07'.86 E to 26° 40'.85 S 153° 07'.82 E.

The dredge *Saibai* and support vessels *Bula* and *Sigma* are conducting dredging operations of the sand shoal. A floating pipeline exists from the dredge *Saibai* to the western breakwater. The dredges will display appropriate lights and shapes and will monitor VHF Ch 12, 16 and 73.

**Chart temporarily affected – Aus 235**

**555(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Targinnie Channel - Drilling operations**
*Date* - Until 30 September 2012
Maritime Safety Queensland Notice 533(T)/2012 (AA601623)

JUB *Ocean Driller II* and support vessel *Leonora*, will be conducting drilling operations in an area bounded by the following positions:
23º 48'.48 S 151º 13'.33 E
23º 48'.38 S 151º 13'.37 E
23º 48'.57 S 151º 13'.85 E
23º 48'.67 S 151º 13'.80 E.

The barge will display appropriate lights and will monitor VHF Ch 15 and 13.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus245**

**556(T)/2012 AUSTRALIA - QUEENSLAND - Port Alma - Seabed coring operations completed**
*Former Notice* - 456(T)/2012 is cancelled
Australian Hydrographic Service

Cancel this notice on receipt.

**Chart formerly affected – Aus 247 – Aus 265**

I

**557(T)/2012 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing**
*Former Notice* - 457(T)/2012 is cancelled
*Date* - Until 24 June 2012
Maritime Safety Queensland Notice 440(T)/2012 (AA597709)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 11 June to 24 June 2012.

A marine danger area extends to all waters south of the line defined by the following positions:
22° 14'.76 S 150° 20'.31 E
22° 09'.00 S 150° 25'.00 E
22° 09'.00 S 150° 37'.00 E
22° 19'.92 S 150° 45'.05 E
22° 30'.20 S 150° 33'.89 E
22° 21'.11 S 150° 17'.03 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 261 – Aus 367 – Aus 820 – Aus 822 – AX 60260 – AX 00260S**

**558(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations completed**
*Former Notice* - 54(T)/2012 is cancelled
Maritime Safety Queensland Notice 512/2012 (AA600507)

Cancel this notice on receipt.

**Chart formerly affected – Aus 249 – Aus 250**

**559(T)/2012 AUSTRALIA - QUEENSLAND - Mackay - Light beacon destroyed**
Maritime Safety Queensland Notice 552(T)/2012 (AA602638)

The port lateral light beacon (21° 08'.94 S 149° 13'.17 E) has been destroyed.

**Chart temporarily affected – Aus 249 – AX 00249S**

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**560(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Depth information**
*Former Notice* - 461(T)/2012 is cancelled
Maritime Safety Queensland Notice 531(T)/2012 (AA601669)

Available depths as at 30 May 2012:

| | *Metres* | *Remarks* |
|---|---|---|
| Sea Channel | 11.6 | |
| * Platypus Channel | 11.8 | |
| Outer Harbour: | | |
| Arrival Channel | 7.0 | |
| Departure Channel | 10.9 | |
| Inner Harbour: | | |
| Harbour | 11.7 | |
| Berths: | | |
| * No 1 | 11.7 | |
| No 2 | 11.7 | |
| No 3 | 12.1 | |
| No 4 | 10.2 | |
| No 7 | 10.3 | |
| Between No 7 and No 8 | 9.8 | Seaward of 0 mark at No 7 |
| No 8 | - | Works in progress |
| No 9 | 11.8 | |
| Between No 9 and No 10 | 10.0 | Seaward of 0 mark at No 10 |
| No 10 | - | Works in progress |
| No 11 | 11.6 | |
| Ross River Channel | 1.5 | |
| Ross River | - | No declared depth |
| * Ross Creek | 1.9 | |

* Indicates revised entry.

**Chart temporarily affected – Aus 256 – Aus 257**

**561(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations, light buoys**
*Former Notice* - 510(T)/2012 is cancelled
*Date* - Until 9 July 2012
Maritime Safety Queensland Notice 550(T)/2012 (AA602294)

The dredge *Brisbane* is conducting dredging operations in Sea Channel, Platypus Channel and Inner & Outer Harbour.

Special light buoys have been moved as follows:
19° 14'.60 S 146° 50'.35 E to 19° 14'.64 S 146° 50'.41 E
19° 14'.58 S 146° 50'.39 E to 19° 14'.60 S 146° 50'.44 E.

All vessels will display appropriate lights and shapes and monitor VHF Ch 12 and 16.

**Chart temporarily affected - Aus256 - Aus257**

**562(T)/2012 AUSTRALIA - QUEENSLAND - Mourilyan Harbour - Dredging operations**
*Date* - Until 30 June 2012
Maritime Safety Queensland Notice 536(T)/2012 (AA601883)

The dredge *Pacific Conquest* is conducting dredging operations in Mourilyan Harbour.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 258**

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**563(P)/2012 AUSTRALIA - QUEENSLAND - Albany Rock - Light altered**
*Date* - On or about 31 July 2012
Australian Maritime Safety Authority (AA600672, AA600675)

The light (10° 43'.12 S 142° 37'.75 E) been temporarily altered to *Fl.5s 10M.* On or about 31 July 2012 the light will be altered to *Fl.WRG.5s 11/8M* with sectors White 145° - 160°, Red 160° - 293°, White 293° - 301°, Green 301° - 145°.

**Chart which will be affected – Aus 292 – Aus 376 – Aus 839**

**564(T)/2012 PAPUA NEW GUINEA - Bounganville Island - Buka passage - Wrecks**
National Maritime Safety Authority PNG Notice 25(T)/2012 (AA600496)

Stranded wrecks exist in the following positions
5° 26'.8 S 154° 39'.4 E
5° 26'.9 S 154° 39'.0 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 684**

**565(T)/2012 PAPUA NEW GUINEA - Bismarck Sea - Seismic survey completed**
*Former Notice* - 252(T)/2012 is cancelled
National Maritime Safety Authority PNG (AA602426)

Cancel this notice on receipt.

**Chart formerly affected – Aus 386 – Aus 387 – Aus 388 – Aus 390 – Aus 391 – Aus 392 – Aus 393 – Aus 543 – Aus 545 – Aus 546 – Aus 547 – Aus 548 – Aus 554 – Aus 664 – Aus 678 – Aus 680 – Aus 4622 (INT 622)**

**566(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Scientific Instruments**
*Former Notice* - 516(T)/2012 is cancelled
*Date* - Until 18 July 2012
Darwin Port Corporation Notice 52(T)/2012 (AA602296)

Scientific instruments marked by special light buoys, *Fl.Y.5s* , exist in the following positions:
12° 20'.33 S 130° 51'.49 E
12° 26'.03 S 130° 49'.02 E
12° 29'.44 S 130° 48'.18 E
12° 32'.92 S 130° 52'.47 E
12° 23'.43 S 130° 39'.86 E
12° 19'.16 S 130° 54'.80 E
12° 29'.92 S 130° 52'.15 E
12° 29'.79 S 130° 52'.95 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 24 – Aus 26 – Aus 27 – Aus 28 – Aus 29 – Aus 722 – AX 72722**

**567(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Sahul Bank - Drilling operations**
*Date* - Until 31 July 2012
*Ocean Patriot* (AA602350, AA602351)

MODU *Ocean Patriot* is conducting drilling operations in position 11º 59'.37 S 124º 35'.93 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 312 – Aus 314 – Aus 4721 (INT 721) – Aus 4722 (INT 722) – AX 00312U – AX 00314U – AX 04721U – AX 04722U**

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**568(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seismic survey completed**
*Former Notice* - 415(T)/2012 is cancelled
Petroleum Geo-Services (AA601926)

Cancel this notice on receipt.

**Chart formerly affected – Aus 320 – Aus 322 – AX 0322F**

**569(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Seismic survey**
*Date* - Until 30 June 2012
Fugro (AA601968, AA601969)

MV *Geo Atlantic* and support vessel *Cassandra 6* are conducting a survey in the area bounded by the following positions:
17° 59'.92 S 118° 44'.65 E
17° 59'.92 S 119° 30'.08 E
18° 09'.92 S 119° 30'.08 E
18° 09'.93 S 119° 45'.07 E
18° 21'.17 S 119° 45'.08 E
18° 21'.32 S 119° 28'.39 E
18° 21'.10 S 119° 04'.12 E
18° 21'.15 S 118° 40'.08 E
18° 09'.93 S 118° 40'.08 E
18° 09'.93 S 118° 44'.65 E.

**Chart temporarily affected – Aus 325 – Aus 326**

**570(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwards**
*Former Notice* - 417(T)/2012 is cancelled
MODU *Ocean America* (AA601946, AA601947)

Drill rig *Ocean America* is conducting drilling operations in position 19° 08'.81 S 115° 59'.14 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 327 – Aus 4723 (INT 723) – AX 04723U**

**571(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Oilfield infrastructure removal northwards**
*Date* - Until 19 June 2012
Woodside Energy Ltd (AA595099, AA595100, AA602003)

The vessel *Skandi Hercules* is conducting a well abandonment program in the following positions:
19° 44'.7 S 115° 44'.2 E
19° 44'.3 S 115° 44'.8 E

**Chart temporarily affected – Aus 327**

**572(T)/2012 AUSTRALIA - VICTORIA - Otway Basin - Drilling operations**
*Former Notice* - 212(T)/2012 is cancelled
Origin Energy (AA600494)

MODU *Stena Clyde* is conducting drilling operations in position 39° 06'.50 S 142° 57'.10 E. A 500m safety zone and 2.5M cautionary zone exist around the vessel.

The vessel will display AIS and Racon (D).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 349 – Aus 787**

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**573(T)/2012 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Snake Island - Light unlit**
Marine and Safety Tasmania Notice M52/2012 (AA602109)

The light, Q(6) + LFl.15s (43° 10'.62 S 147° 17'.31 E), is unlit.

**Chart temporarily affected – Aus 173**

**574(T)/2012 AUSTRALIA - TASMANIA - River Derwent - New Town Bay - Wreck salvaged**
*Former Notice* - 582(T)/2011 is cancelled
Marine and Safety Tasmania (AA602526)

Cancel this notice on receipt.

**Chart formerly affected – Aus 172**

**575(T)/2012 AUSTRALIA - TASMANIA - River Derwent - Cornelian Bay - Wreck salvaged**
*Former Notice* - 1052(T)/2011 is cancelled
Marine and Safety Tasmania (AA602526)

Cancel this notice on receipt.

**Chart formerly affected – Aus 171 – Aus 172**

**576(T)/2012 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments**
*Former Notice* - 1229(T)/2011 is cancelled
*Date* - Until 20 September 2013
Marine and Safety Tasmania (AA602526)

Scientific instruments marked by special conical light buoys exist as follows:

| *Position* | *Characteristic* |
|---|---|
| 42° 56'.2 S 147° 37'.2 E | *Iso.4s* |
| 42° 58'.2 S 147° 34'.0 E | *Oc.3s.* |

**Chart temporarily affected – Aus 171 – Aus 796**

**577(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Coles Channel - Diving operations completed**
*Former Notice* - 420(T)/2012 is cancelled
Australian Hydrographic Service

Cancel this notice on receipt.

**Chart formerly affected – Aus 143 – Aus 157 – Aus 158**

**578(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Swanson Dock - Harbour Works**
*Date* - Until 31 July 2012
Victorian Notice 89(T)/2012 (AA602106)

Harbour works are in progress at West Swanson Dock 37° 48'.91 S 144° 54'.75 E.

Barges and a support vessel are on site and will display appropriate lights. Anchors deployed by the vessels will be marked by buoys.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 154**

I

**579(T)/2012 AUSTRALIA - VICTORIA - Shoaling**
*Former Notice* - 1301(T)/2009 is cancelled
Victorian Notice 88/2012 (AA602669)

Shoaling, with a least depth of *5.2m,* exists in the Barry Beach Channel (38° 43'.00 S 146° 22'.77 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 182**

**580(T)/2012 AUSTRALIA - CORAL SEA - Light buoy off station**
*Former Notice* - 480(T)/2012 is cancelled
Australian Bureau of Meteorology (AA602443)

The light buoy, *Fl.Y.2s,* (14° 47'.8 S 153° 34'.7 E), is drifting and currently in position 13° 42'.15 S 148° 54'.18 E (29 May 2012).

**Chart temporarily affected – Aus 4621 (INT 621) – AX 04621U**

II

## HYDROGRAPHIC REPORTS

Nil Reports

## NAVIGATION WARNINGS

*The following radio messages have been received during the period to 1 June 2012. 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

129 Drill rig *Stena Clyde* in position 39º 06'·50 S 142º 57'·01 E. 2·5M clearance requested.
130 Cancelled.
131 Cancelled.
132 Cancelled.
133 Cancelled.
134 Cancelled.
135 Quetta Rock west cardinal pillar buoy, Q(9)15s 5M, with topmark in position 10º 40'·25 S 142º 37'·50 E unlit.
136 Special purpose vessel *Ramform Explorer* conducting seismic survey in an area bounded by 11º 49'·9 S to 12º 05'·9 S and 124º 30'·1 E to 124º 55'·1 E. 5M clearance requested.
137 Four lit mooring line surface buoys laid within 1M radius of position 20º 28'·75 S 113º 55'·65 E.
138 Cancelled.
139 Cancelled.
140 Drill rig *Ocean Patriot* in position 11º 59'·22 S 124º 35'·55 E. 2·5M clearance requested.
141 Drill rig *Ocean America* in position 19º 08'·8 S 115º 59'·1 E. 2·5M clearance requested.
142 Cancelled.
143 Albany Rock light K3254 in position 10º 43'·13 S 142º 37'·77 E temporarily altered to 10M white. Light obscured from 325 to 105 degrees true (bearings from seaward).
144 Cancelled.

### NAVAREA X WARNINGS

Nil.

### Navigational warnings in force as at 010001UTC JUN 12.

**Auscoast**
**2011** 337
**2012** 102 103 107 110 112 115 118 121 126 127 129 135 136 137 140 141 143

**Navarea X**
**2012** 005 008

### Summary of mobile drilling rigs as at 010001UTC JUN 12.

| *Name* | *Position* |
|---|---|
| Ocean Patriot | 11º 59'·22 S 124º 35'·55 E |
| Ensco 109 | 12º 40'·20 S 124º 32'·22 E |
| Transocean Legend | 13º 39'·24 S 122º 17'·52 E |
| Ensco 104 | 20º 36'·10 S 115º 36'·80 E |
| Atwood Eagle | 20º 20'·47 S 114º 52'·55 E |
| Atwood Osprey | 20º 24'·51 S 114º 50'·98 E |
| Deepwater Frontier | 19º 49'·84 S 114º 34'·17 E |
| Nan Hai 6 | 21º 31'·40 S 114º 06'·62 E |
| Jack Bates | 20º 04'·96 S 113º 49'·90 E |
| Ocean America | 19º 08'·80 S 115º 59'·10 E |
| Stena Clyde | 39º 06'·50 S 142º 57'·01 E |

**NAVAREA XIV WARNINGS**

030 Cancelled.
031 Cancelled.
032 Cancelled.
033 Cancelled.
034 Cancelled.
035 Cancelled.
036 Cancelled.
037 Cancelled.
038 Cancelled.
039 Cancelled.
040 Cancelled.
041 Cancelled.
042 Cancelled.
043 Cancelled.
044 South Pacific Ocean, Iles Wallis. Underwater operations by vessel RV *L'atalante* 17 May to 21 June 2012, in area bounded by:

13º 00'·0 S 175º 00'·0 W
16º 00'·0 S 175º 00'·0 W
16º 00'·0 S 180º 00'·0 W
13º 00'·0 S 180º 00'·0 W.

Wide berth requested.

**Navarea XIV warnings in force as at 010001UTC JUN 12.**

028 044

- publications (fact sheets, regulations, codes of practice etc).

| | |
|---|---|
| Telephone: | +61 2 6279 5000 |
| Website: | www.amsa.gov.au |

**Search and Rescue**

5. AMSA operates a 24 hour RCC in Canberra. The RCC is staffed by search and rescue specialists with naval, merchant marine, air force, civil aviation or police service backgrounds.

6. RCC Australia is responsible for:

- the management and operation of the Australian segment of the Cospas Sarsat system
- the operation of the Australian Ship Reporting System (AUSREP)
- the issuing of maritime safety information such as navigation warnings
- coordinating search and rescue missions
- locating distress beacons
- medical evacuations from ships
- ship reporting and SOLAS radio communications.

7. The following contact details are for land communication only with exception to a distress situation. Sat C is to be utilised for normal business communication at sea (see Chapter 9 for details).

| | |
|---|---|
| Search and Rescue and Oil Spills Ph no: | 1800 641 792<br>+6 2 62306811 |
| email (RCC Australia): | rccaus@amsa.gov.au |

### 2.4.6 DAFF Biosecurity (formerly AQIS)

1. The Department of Agriculture, Fisheries and Forestry (DAFF) Biosecurity is the Australian Government agency responsible for protecting the nation's borders from incursions of exotic pests and diseases, on both land and sea. Australia's borders, as far as mariners are concerned, may be considered as the limits of Australia's Territorial Sea.

2. Australia relies heavily on shipping to transport goods into and out of the country. International trading ships have the potential to import exotic terrestrial pests and organisms by:

- importing foodstuffs and waste from abroad;
- providing a vector for pests such as disease carrying mosquitoes and Asian Gypsy Moth;
- the carriage of humans and animals on board that may have been exposed to infectious or exotic diseases;
- importing foreign plant material or soils as cargo residues or attached to / included in the cargoes the ships carry.

3. As well as terrestrial pests, there are a great many marine pests around the world that are not present in Australian waters. Marine pests are capable of being transferred between ports in ships ballast water and as fouling organisms on ships hulls, aquaculture and fishing equipment. DAFF Biosecurity has a number of requirements that mariners must adhere to when visiting Australian ports or territorial seas.

4. DAFF Biosecurity, acting on behalf of the Department of Health and Aging (DoHA), needs to know if there are any ill people on board vessels arriving in Australia from overseas. This must be reported in the Quarantine Pre Arrival Report (QPAR or eQPAR), along with answers to questions relating to animals and plants.

5. Full details about DAFF Biosecurty's requirements for visiting ships may be found on the DAFF Biosecurity

6. DAFF Biosecurity Seaports officers may be contacted in Australian major cities as follows:

| City | Phone/fax | email |
|---|---|---|
| Adelaide: | P:+61 8 8201 6054<br>F:+61 8 8201 6084 | saaqisseaports@daff.gov.au |
| Brisbane: | P:+61 7 3895 9708<br>F:+61 7 3895 9712 | seaportsbrisbane@daff.gov.au |
| Canberra: | P:+61 2 6272 5557<br>F:+61 2 6272 3200 | seaports@daff.gov.au |
| Cairns: | P:+61 7 4030 7852<br>F:+61 7 4030 7843 | cdo@daff.gov.au |
| Darwin: | P:+61 8 8920 7040<br>F:+61 8 8920 7012 | ntcargo@daff.gov.au |
| Hobart: | P:+61 3 6233 3352<br>F:+61 3 6233 8885 | seaportstasmania@daff.gov.au |
| Melbourne: | P:+61 3 8387 0100<br>F:+61 3 9372 6332 | vicdaff.shipping@daff.gov.au |
| Perth: | P:+61 8 9430 2300<br>F:+61 8 9430 8392 | aqis.shippingdesk@daff.gov.au |
| Sydney: | P:+61 2 8334 7200<br>F:+61 2 8334 7222 | seaportssydney@daff.gov.au |
| Townsville: | P:+61 7 4789 7888<br>F:+61 7 4789 7821 | duty.officer@daff.gov.au |
| Maritime National Coordination Centre: 1300 004 605<br>(Pre-arrival information and reporting) | | |
| Nationwide Toll Free Phone no: 1800 020 504<br>Website: www.aqis.gov.au/shipping | | |

### 2.4.7 Bureau of Meteorology

1. The Bureau of Meteorology is the National Meteorological Service for Australia, operating as an Executive Agency within the Environment and Water Resources Portfolio. It commenced operation as a Commonwealth agency on 1 January 1908 following the formal amalgamation of the individual State Meteorological Services that had existed prior to that time. The Meteorology Act 1955 established the Bureau under the charge of the Director of Meteorology. This act provides the Bureau's legal basis and its basic charter for operation. Under the Act the Bureau is primarily a public interest agency but charges may be applied for specialised services to individual users and user groups.

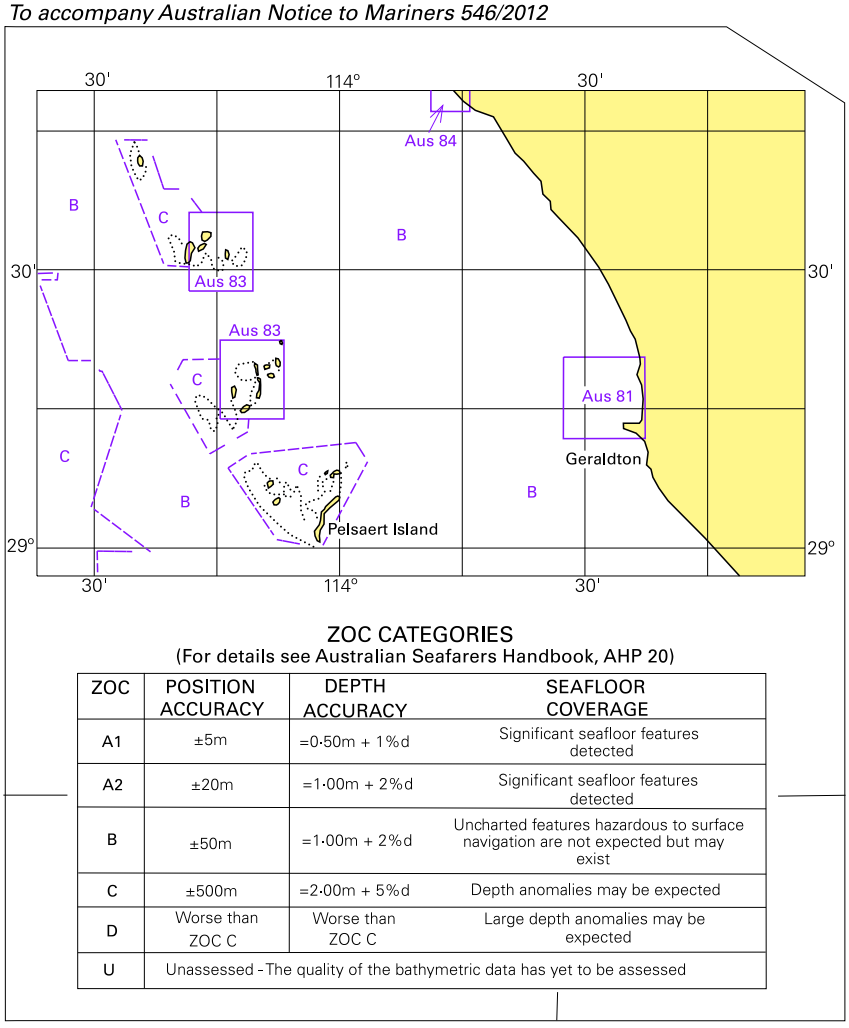
2. The Bureau's Head Office in Melbourne serves as both an administrative and operational headquarters. It provides overall national strategic planning, management and coordination of the Bureau's integrated observations, telecommunications and computing infrastructure and its weather, oceanographic, climate and hydrological services. It also includes the National Climate Centre, the Bureau of Meteorology Training Centre, the Bureau of Meteorology Research Centre, and the National Tidal Centre. Regional Offices are located in each State capital and in Darwin. Each Regional Office includes a Regional Forecasting Centre and a Flood Warning Centre, while the Perth, Darwin and Brisbane offices also house Tropical Cyclone Warning Centres. The Darwin office also serves as the Volcanic Ash Advisory Centre. These offices are responsible for all the operational and service activities in the State or Territory concerned. The National Tidal Centre is located with the South Australia Regional Office in Adelaide.

3. The Bureau maintains a network of field offices across the Australian continent, on neighbouring islands and in Antarctica, as well as national networks of some 500 paid cooperative observers and approximately 6,000 voluntary rainfall observers. The Bureau also maintains a network of over 500 automatic weather stations.

4. Services provided by the Bureau include:

   - warning of dangerous weather such as severe thunderstorms and tropical cyclones, and weather conditions leading to floods or bush fires
   - weather forecasts for land areas and for the coasts and oceans around Australia
   - seasonal outlooks of Australia's climate
   - information and forecasts about ocean conditions for coastal, regional and high seas areas around Australia
   - predictions of tides around the Australian coastline
   - data and information services on the weather and climate of Australia and surrounding areas

*To accompany Australian Notice to Mariners 546/2012*




## ZOC CATEGORIES

(For details see Australian Seafarers Handbook, AHP 20)

| ZOC | POSITION ACCURACY | DEPTH ACCURACY | SEAFLOOR COVERAGE |
|---|---|---|---|
| A1 | ±5m | =0·50m + 1%d | Significant seafloor features detected |
| A2 | ±20m | =1·00m + 2%d | Significant seafloor features detected |
| B | ±50m | =1·00m + 2%d | Uncharted features hazardous to surface navigation are not expected but may exist |
| C | ±500m | =2·00m + 5%d | Depth anomalies may be expected |
| D | Worse than ZOC C | Worse than ZOC C | Large depth anomalies may be expected |
| U | Unassessed - The quality of the bathymetric data has yet to be assessed | | |

*Block for chart Aus 751*

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(129·3 x 109·1mm)