



23 March 2012

Edition 6

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

AUSTRALIAN NOTICES TO MARINERS

Notices 275 – 315 

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

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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.

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.

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275 AUSTRALIA - Product

Australian Hydrographic Service (AA589111), UKHO (AA589359)

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 485 | 23/03/2012 | Australia - South Coast - South Australia - Spencer Gulf and Gulf St Vincent 37° 29'.0 S - 37° 30'.0 S 138° 40'.0 E - 138° 29'.47 E <i>New metric chart replacing Aus 444, with datums referred to WGS84 and LAT; includes latest surveys.</i> | 1:500 000 | Aus 5001 | \$35.00 |

Chart permanently withdrawn

| <i>Chart</i> | <i>On publication of new chart</i> |
|--------------|------------------------------------|
| Aus 444 | Aus 485 |

Admiralty publication

| <i>NP No</i> | <i>Title</i> | <i>Date</i> | <i>Remarks</i> |
|--------------|--|-------------|--|
| NP 61 | Pacific Islands Pilot Volume 2 (Twelfth Edition 2011). | 29/03/2012 | The 2006 edition is thereby cancelled. |

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.

276 AUSTRALIA - Safety notice about the reliable operation of ECDIS

International Hydrographic Organization (AA589114, AA589115)

ALL ECDIS

Following an announcement by the International Maritime Organization (IMO) concerning potential display anomalies in some ECDIS systems (see IMO MSC Circ 1391), the International Hydrographic Organization (IHO) issued an ENC Data Presentation and Performance Check in October 2011. This check is intended to assist mariners and to help determine the extent of the issues. Reports from sea received by the IHO confirm that a number of manufacturers' ECDIS fail to display some significant underwater features in the "Standard" display mode. In order that all significant objects are visible to the mariner, these ECDIS must be operated in "Full display" or "All display" mode until a software upgrade is made available by the manufacturer. Mariners are strongly recommended to use the IHO ENC Data Presentation and Performance Check issued through ENC service providers and also available directly from the IHO website (www.iho.int) to check the operation of their ECDIS and to determine whether their system is affected.

JRC ECDIS

The Japan Radio Co. Ltd (JRC) has confirmed to the IHO that earlier versions of its ECDIS will not display some types of wreck and underwater obstructions (including stranded wrecks) in any display mode. This means that these models of JRC ECDIS must be used in conjunction with paper charts in order to ensure that all wrecks and underwater obstructions can be identified by the mariner. JRC has issued a notice alerting its customers to this problem (available at: <http://www.jrc.co.jp/eng/product/marine/whatsnew/20100526/index.html>). Mariners using JRC ECDIS should use the IHO ENC Data Presentation and Performance Check to determine whether their system is affected. If it is affected, then the JRC ECDIS should be used in conjunction with paper charts until an equipment software upgrade is available from JRC. Mariners should contact JRC or their JRC equipment support organisation to arrange suitable remedial action.

277* AUSTRALIA - NEW SOUTH WALES - Batemans Bay - Marine farms

NSW Department of Primary Industries (DHDB 1334072)

Aus 191 (plan, Batemans Bay) [221/2012]

| | | | |
|--------|---|---------------|----------------|
| Insert | dashed line and marine farm symbol, between | 35° 41'.680 S | 150° 10'.400 E |
| | | 35° 41'.785 S | 150° 10'.625 E |
| | marine farm symbol, centred on | 35° 42'.24 S | 150° 10'.47 E |
| | marine farm symbol, centred on | 35° 41'.77 S | 150° 12'.59 E |

278* AUSTRALIA - NEW SOUTH WALES - Brisbane Water - Rileys Island - Marine farms
NSW Department of Primary Industries (DHDB 1334072)

Aus 216 [647/2010]

| | | | | |
|--------|---|----------------------|----------------|----------------|
| Insert | dashed line and marine farm symbol, between | 33° 29'.121 S | 151° 20'.567 E | |
| | | 33° 29'.096 S | 151° 20'.521 E | |
| | | 33° 29'.230 S | 151° 20'.462 E | |
| | | 33° 29'.244 S | 151° 20'.511 E | |
| | | dashed line, between | 33° 29'.445 S | 151° 20'.221 E |
| | | 33° 29'.463 S | 151° 20'.190 E | |
| | | 33° 29'.506 S | 151° 20'.162 E | |
| Delete | line, between | 33° 29'.515 S | 151° 20'.191 E | |
| | | 33° 29'.45 S | 151° 20'.22 E | |
| | | 33° 29'.46 S | 151° 20'.24 E | |

279* AUSTRALIA - NEW SOUTH WALES - Newcastle - Tower
Australian Hydrographic Service (AA580594)

Aus 207 [729/2011]

| | | | |
|--------|-------|--------------|---------------|
| Delete | tower | 32° 56'.19 S | 151° 46'.62 E |
|--------|-------|--------------|---------------|

280* AUSTRALIA - NEW SOUTH WALES - Trial Bay - Fish aggregating device
NSW Department of Primary Industries (AA586913)

Aus 811 [730/2011]

| | | | |
|--------|---|--------------|---------------|
| Insert | special cylindrical buoy, without topmark | 30° 52'.65 S | 153° 03'.18 E |
|--------|---|--------------|---------------|

281* AUSTRALIA - NEW SOUTH WALES - Richmond River to Brunswick River - Marine farms
NSW Department of Primary Industries (DHDB 1334072)

Aus 220 (plan, Brunswick River Entrance) [1179/2011]

| | | | |
|--------|--------------------------------|--------------|---------------|
| Insert | marine farm symbol, centred on | 28° 31'.99 S | 153° 32'.69 E |
| | marine farm symbol, centred on | 28° 31'.95 S | 153° 32'.85 E |
| | marine farm symbol, centred on | 28° 32'.07 S | 153° 33'.10 E |

Aus 220 (plan, Richmond River Entrance)

| | | | |
|--------|---|---------------|----------------|
| Insert | dashed line and marine farm symbol, between | 28° 52'.719 S | 153° 33'.610 E |
| | | 28° 52'.761 S | 153° 33'.579 E |
| | | 28° 52'.810 S | 153° 33'.676 E |
| | | 28° 52'.772 S | 153° 33'.706 E |
| | | 28° 52'.719 S | 153° 33'.610 E |

282* AUSTRALIA - QUEENSLAND - Burnett River - Inner Reach - Light buoy; light beacon
Maritime Safety Queensland Notice 174/2012 (AA586749, AA586909)

Aus 242 (plan, Port Bundaberg) [590/2011]

| | | | |
|--------|---|---------------|----------------|
| Insert | starboard lateral pillar light buoy, <i>F.I.G.</i> 4s, with topmark | 24° 45'.567 S | 152° 23'.015 E |
| | light beacon | 24° 45'.60 S | 152° 23'.05 E |
| Delete | depth, 2.4m | 24° 45'.56 S | 152° 23'.00 E |

283* AUSTRALIA - TORRES STRAIT - Quetta Rock - Light buoy; AIS*Former Notice - 205(P)/2012 is cancelled*

Auscoast Warnings 68/2012, 69/2012 (AA588131, AA588133, AA588459), Australian Maritime Safety Authority ATH 2/2012 (AA589140)

Aus 292 [138/2012]

| | | | |
|--------|--|--------------|---------------|
| Insert | west cardinal pillar light buoy, Q(9)15s AIS, with topmark | 10° 40'.25 S | 142° 37'.50 E |
|--------|--|--------------|---------------|

284* AUSTRALIA - TORRES STRAIT - Thursday Island to West Wai Weer Reef - Light buoys; light beacons*Former Notices - 1156(T)/2011, 159(T)/2012 are cancelled*

Maritime Safety Queensland Notice 236/2012 (AA588620, AA588803, AA588800 - AA588802)

Aus 293 [30/2012]

| | | | |
|--------|---|---------------|----------------|
| Insert | port lateral cylindrical light buoy, Fl.R.2·5s, without topmark | 10° 34'.368 S | 142° 10'.052 E |
|--------|---|---------------|----------------|

| | | | |
|------------|---|--------------|---------------|
| Substitute | special cylindrical light buoy, Fl.Y.2·5s, without topmark for light beacon | 10° 34'.88 S | 142° 11'.91 E |
|------------|---|--------------|---------------|

| | | | |
|--------|--------------|--------------|---------------|
| Delete | light beacon | 10° 34'.36 S | 142° 10'.08 E |
|--------|--------------|--------------|---------------|

Aus 299 [30/2012]

| | | | |
|--------|---|---------------|----------------|
| Insert | port lateral cylindrical light buoy, Fl.R.2·5s, without topmark | 10° 34'.368 S | 142° 10'.052 E |
|--------|---|---------------|----------------|

| | | | |
|--|--|---------------|----------------|
| | special cylindrical light buoy, Fl.Y.2·5s, without topmark | 10° 34'.882 S | 142° 11'.904 E |
|--|--|---------------|----------------|

| | | | |
|--------|--------------|--------------|---------------|
| Delete | light beacon | 10° 34'.36 S | 142° 10'.08 E |
| | light beacon | 10° 34'.88 S | 142° 11'.91 E |

285* AUSTRALIA - QUEENSLAND - Albatross Bay - Foul ground*Former Notice - 66(T)/2010 is cancelled*

Maritime Safety Queensland Notice 193/2012 (AA586731)

Aus 4 [195/2011]

| | | | |
|--------|---|-------------|--------------|
| Insert | # | 12° 43'.5 S | 141° 39'.0 E |
|--------|---|-------------|--------------|

Aus 301 [1305/2011]

| | | | |
|--------|---|-------------|--------------|
| Insert | # | 12° 43'.5 S | 141° 39'.0 E |
|--------|---|-------------|--------------|

286* AUSTRALIA - QUEENSLAND - Weipa - Lights

M Templeton (AA587301)

Aus 701 [1364/2010]

| | | | |
|-------|----------------------|-------------|--------------|
| Amend | light to F.G (F Day) | 12° 40'.0 S | 141° 50'.4 E |
| | light to F.G (F Day) | 12° 39'.6 S | 141° 52'.0 E |

287* AUSTRALIA - WESTERN AUSTRALIA - York Sound - Islet

Australian Hydrographic Service (AA586596)

Aus 729 [1186/2011]

| | | | |
|--------|-------|-------------|--------------|
| Delete | islet | 14° 55'.9 S | 125° 02'.2 E |
|--------|-------|-------------|--------------|

288* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Light buoy
Fremantle Ports (AA587987, AA587988)

Aus 113 [963/2011]

| | | | |
|--------|---------|--------------|---------------|
| Delete | topmark | 32° 02'.45 S | 115° 45'.21 E |
|--------|---------|--------------|---------------|

289* AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Pilot boarding place
Australian Hydrographic Service (AA587678)

Aus 136 [41/2012]

| | | | |
|------|----------------------|--------------|---------------|
| Move | pilot boarding place | 33° 03'.7 S | 137° 38'.9 E |
| | to | 33° 03'.45 S | 137° 39'.00 E |

290* AUSTRALIA - SOUTH AUSTRALIA - Port Vincent to Penneshaw - Chart limits; legend
Australian Hydrographic Service (AA586203)

Aus 126 (plan, Backstairs Passage) [302/2011]

| | | | |
|--------|--|--------------|---------------|
| Insert | magenta limits, between | 35° 42'.84 S | 137° 56'.31 E |
| | | 35° 43'.35 S | 137° 56'.31 E |
| | | 35° 43'.35 S | 137° 57'.24 E |
| | | 35° 42'.84 S | 137° 57'.24 E |
| | | 35° 42'.84 S | 137° 56'.31 E |
| | magenta legend, <i>Adjoining Chart Aus 129</i> in W border | 35° 37'.5 S | 137° 56'.0 E |
| Delete | magenta limits, centred on | 35° 43'.1 S | 137° 56'.8 E |

Aus 139 (plan, Macdonnell Sound) [1135/2011]

| | | | |
|--------|--|--------------|---------------|
| Insert | magenta limits, with legend <i>Aus 125</i> in SE corner, between | 34° 54'.00 S | 137° 47'.67 E |
| | | 34° 54'.82 S | 137° 47'.67 E |
| | | 34° 54'.82 S | 137° 51'.20 E |
| | | 34° 54'.00 S | 137° 51'.20 E |

Aus 780 [1074/2011]

| | | | |
|--------|--|--------------|---------------|
| Insert | magenta limits, with legend <i>Aus 129</i> in NW corner, between | 35° 30'.44 S | 137° 20'.74 E |
| | | 35° 48'.10 S | 137° 20'.74 E |
| | | 35° 48'.10 S | 137° 57'.60 E |
| | | 35° 30'.44 S | 137° 57'.60 E |
| | | 35° 30'.44 S | 137° 20'.74 E |
| Delete | magenta limits, with legend <i>Aus 125</i> , centred on | 35° 39'.0 S | 137° 41'.0 E |
| | magenta limits, with legend <i>Aus 125</i> , centred on | 35° 45'.0 S | 137° 50'.0 E |

290* AUSTRALIA - SOUTH AUSTRALIA - Port Vincent to Penneshaw - Chart limits; legend (continued)**Aus 781 [1135/2011]**

| | | | |
|--------|---|--|---|
| Insert | magenta limits, with legend <i>Aus 125</i> in SW corner, between | 34° 57'.05 S 34° 59'.05 S 34° 59'.05 S 34° 57'.05 S 34° 57'.05 S | 138° 28'.41 E 138° 28'.41 E 138° 31'.00 E 138° 31'.00 E 138° 28'.41 E |
| | magenta limits, with legend <i>Aus 125</i> in NE corner, between | 34° 44'.61 S 34° 46'.80 S 34° 46'.80 S 34° 44'.61 S 34° 44'.61 S | 137° 51'.40 E 137° 51'.40 E 137° 54'.62 E 137° 54'.62 E 137° 51'.40 E |
| | magenta limits, with legend <i>Aus 125</i> in NE corner, between | 34° 52'.20 S 34° 54'.82 S 34° 54'.82 S 34° 52'.20 S 34° 52'.20 S | 137° 47'.67 E 137° 47'.67 E 137° 51'.20 E 137° 51'.20 E 137° 47'.67 E |
| Delete | magenta limits, with legend <i>Aus 125</i> , centred on | 34° 58'.4 S | 138° 30'.0 E |

291* AUSTRALIA - VICTORIA - Apollo Bay - Depths

Redborough Mapping Service (DHDB 1920426)

Aus 141 (plan, Apollo Bay Boat Harbour) [1311/2011]

| | | | |
|--------|--------------------|-------------|--------------|
| Insert | accompanying block | 38° 45'.4 S | 143° 40'.7 E |
|--------|--------------------|-------------|--------------|

292* AUSTRALIA - VICTORIA - Martha Point to Rye - Nav aids

Victorian Notice 45/2012 (AA587317, AA588779, AA588780)

Aus 143 [44/2012]

| | | | |
|--------|--------------------|-------------|--------------|
| Insert | accompanying block | 38° 20'.0 S | 144° 56'.0 E |
|--------|--------------------|-------------|--------------|

Aus 158 [148/2012]

| | | | |
|--------|---|---------------|----------------|
| Insert | accompanying block | 38° 20'.0 S | 144° 56'.0 E |
| | special cylindrical buoy, without topmark | 38° 21'.203 S | 144° 53'.375 E |
| | special cylindrical buoy, without topmark | 38° 21'.351 S | 144° 52'.883 E |
| | special beacon, with topmark | 38° 21'.476 S | 144° 52'.391 E |
| | special beacon, with topmark | 38° 21'.600 S | 144° 51'.894 E |
| | special beacon, with topmark | 38° 21'.729 S | 144° 51'.402 E |
| Delete | depth, 0 ₁ m | 38° 21'.52 S | 144° 52'.38 E |
| | depth, 0 ₃ m | 38° 21'.58 S | 144° 51'.95 E |
| | buoy | 38° 21'.41 S | 144° 53'.42 E |
| | buoy | 38° 21'.98 S | 144° 49'.90 E |
| | buoy | 38° 21'.88 S | 144° 48'.74 E |

293* AUSTRALIA - VICTORIA - Gabo Island - ESSA limit southeastwards

UKHO (AA586667)

Aus 805 [1232/2009]

| | | | |
|--------|--|--|--|
| Insert | ESSA limit with legend <i>ESSA</i> (see Note), between | 38° 15'.5 S 37° 38'.0 S 37° 38'.0 S 38° 15'.5 S | 149° 59'.7 E 150° 22'.0 E 150° 36'.0 E 150° 36'.0 E |
|--------|--|--|--|

294(T)/2012 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information*Former Notice - 197(T)/2012 is cancelled*

Newcastle Port Corporation (AA588016)

Available depths as at 9 March 2012:

| <i>Berth</i> | <i>Metres</i> |
|---|------------------------------------|
| 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 | 11.2 |
| Channel Berth | 8.3 |
| Dyke 1 | 12.5 |
| Dyke 2 | 12.3 |
| * Dyke 4 | 16.5 |
| * Dyke 5 | 16.2 |
| Dyke 6 | 6.3 |
| Mayfield 4 Ch 27 to 266 | 12.2 |
| 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 | 16.5 |
| Kooragang 5 | 16.5 |
| * Kooragang 6 | 16.5 |
| Kooragang 7 | 16.1 |
| Kooragang 8 | 16.5 |
| Kooragang 9 | 16.3 |
| Kooragang Ship Reveal 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 |
| <i>Channels</i> | |
| 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 | 15.0 |
| Hunter River South Arm (Kooragang 6 to buoy 16) | 15.2 |
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| Basin Cutting | 12.8 |
| 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**295(T)/2012 AUSTRALIA - NEW SOUTH WALES - Newcastle - Harbour works completed; dredging operations completed***Former Notice - 201(T)/2011 is cancelled*

Newcastle Port Corporation (AA517200)

Cancel this notice on receipt.

Chart formerly affected - Aus 207 - Aus 208

23 March 2012

296(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information

Former Notice - 241(T)/2012 is cancelled

Brisbane Port Corporation (AA590042)

Available depths and under keel clearances (UKC) at 22 March 2012:

| <i>Berth</i> | <i>Metres</i> | <i>Remarks</i> |
|---------------------------------------|---------------|------------------------------------|
| * Fisherman Islands No10 | 13.8 | |
| Fisherman Islands No9 | 14.0 | |
| * Fisherman Islands No8 | 14.0 | |
| * Fisherman Islands No7 | 13.9 | |
| * Fisherman Islands No6 | 13.9 | |
| Fisherman Islands No5 | 14.0 | |
| Fisherman Islands No4 | 14.0 | |
| Fisherman Islands No3 | 13.8 | |
| Fisherman Islands No2 | 14.0 | |
| * Fisherman Islands No1 | 13.9 | |
| Fisherman Islands Grain and Woodchip | 13.2 | |
| * Caltex Fisherman Islands | 14.7 | |
| * Fisherman Islands Coal | 13.8 | |
| * Fisherman Islands General Purpose | 11.2 | |
| * BP Luggage Point | 13.9 | |
| Caltex Products | 10.1 | |
| * Cement Australia Co Wharf | 9.3 | |
| * BP Products | 9.6 | |
| Shell | 10.9 | |
| Pacific Terminals | 10.5 | |
| * Incitec North | 9.9 | |
| * Incitec South | 10.2 | |
| * Pinkenba 1 | 10.3 | |
| * Pinkenba 2 | 10.3 | |
| Riverside Marina | - | |
| Sugar Terminal | 9.8 | |
| * Cairncross Fitting Out Wharf | 7.5 | |
| Cairncross Breasting Wharf | 6.1 | |
| Brisbane Naval Wharf | 4.3 | |
| Maritime No3 | 5.6 | (not maintained) |
| Maritime No2 | 8.3 | |
| Maritime No1 | 9.0 | |
| * Hamilton No4 | 9.9 | |
| Hamilton No1 | 8.9 | |
| * Brisbane Cruise Ship Terminal | 9.1 | |
| | <i>Metres</i> | <i>UKC/Remarks</i> |
| <i>Moreton Bay :</i> | | |
| 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 | 14.9 | 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 |
| <i>Brisbane River :</i> | | |
| * Entrance Beacons and Bar Cutting | 13.9 | 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 | 8.7 | 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

23 March 2012

297(T)/2012 AUSTRALIA - QUEENSLAND - Brisbane River - Lytton Reach - Shoaling
 Maritime Safety Queensland Notices 210(T)/2012, 220(T)/2012 (AA587755, AA588167)

Shoaling exists in an area marked by port lateral light buoys, *Q.R.*, in positions 27° 25'.13 S 153° 08'.59 E and 27° 25'.20 S 153° 08'.52 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 237 - Aus 238

298(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Cabbage Tree Head - Dredging operations

Date - Until 12 September 2012

Maritime Safety Queensland Notice 211(T)/2012 (AA587829)

The dredge *Sterling*, MT *Kiandra*, support vessel *Seaweed* and various barges are conducting dredging operations in the vicinity of position 27° 19'.85 S 153° 05'.35 E.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236

299(T)/2012 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling

Former Notice - 244(T)/2012 is cancelled

Maritime Safety Queensland Notice 240(T)/2012 (AA588793)

Shoaling with a least depth of *1.5m* exists within the main channel to Mooloolah River, between positions 26° 40'.74 S 153° 07'.95 E and 26° 40'.74 S 153° 07'.85 E.

A least depth of *2.7m* exists between positions 26° 40'.74 S 153° 07'.85 E and 26° 40'.81 S 153° 07'.93 E.

A port lateral light buoy, *Q.R.*, exists in position 26° 40'.78 S 153° 07'.88 E and marks the western edge of the shoal.

The leading lights (26° 40'.97 S 153° 08'.17 E and 26° 40'.93 S 153° 08'.14 E) are temporarily unlit.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

300(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Boyne Cutting - Light beacon restored

Former Notice - 1445(T)/2009 is cancelled

Maritime Safety Queensland (AA589274)

Cancel this notice on receipt.

Chart formerly affected - Aus 246

301(T)/2012 AUSTRALIA - QUEENSLAND - Hamilton Point to Friend Point - Dredging operations completed

Former Notice - 610(T)/2011 is cancelled

Maritime Safety Queensland (AA589308)

Cancel this notice on receipt.

Chart formerly affected - Aus 245 - Aus 246

302(T)/2012 AUSTRALIA - QUEENSLAND - Bluff Rock to Wreck Point - Scientific instruments
 Maritime Safety Queensland Notice 223(T)/2012 (AA588180)

Subsurface scientific instruments exist in positions 23° 10'.36 S 150° 48'.15 E and 23° 08'.58 S 150° 45'.87 E.

Chart temporarily affected - Aus 247 - Aus 819 - Aus 820 - AX 00820S

303(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations

Former Notice - 55(T)/2012 is cancelled

Date - Until 29 June 2012

Maritime Safety Queensland Notice 250(T)/2012 (AA589145)

Diving operations are in progress in the vicinity of the DBCT berths (21° 14'.96 S 149° 18'.31 E).

MV *Shadows* is onsite and will display appropriate 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

304(T)/2012 AUSTRALIA - QUEENSLAND - Gloucester Passage - Light beacon restored

Former Notice - 165(T)/2011 is cancelled

Maritime Safety Queensland (AA589297)

Cancel this notice on receipt.

Chart formerly affected - Aus 268

305(T)/2012 AUSTRALIA - QUEENSLAND - Bowen - Obstruction removed

Former Notice - 1211(T)/2011 is cancelled

Maritime Safety Queensland (AA589300)

Cancel this notice on receipt.

Chart formerly affected - Aus 268

306(T)/2012 AUSTRALIA - TORRES STRAIT - Adolphus Channel to Gannet Passage - AIS trial

Former Notice - 58(T)/2012 is cancelled

Australian Maritime Safety Authority (AA567095, AA572149, AA572150, AA573831)

AIS units have been attached to nav aids as follows:

| <i>MMSI</i> | <i>Position (WGS84 datum)</i> | <i>Type</i> | <i>Remarks</i> |
|-------------|-------------------------------|-------------|---|
| 995031033 | 10° 28'.43 S 142° 22'.61 E | Real | Alert Patches north cardinal light buoy |
| 995031038 | 10° 29'.77 S 142° 27'.08 E | Synthetic | East Strait Island rear light |
| 995031022 | 10° 30'.16 S 142° 21'.51 E | Real | Herald Patches starboard lateral light buoy |
| 995031023 | 10° 33'.91 S 142° 09'.13 E | Real | Goods Island rear light |
| 995031039 | 10° 35'.49 S 141° 52'.41 E | Synthetic | Gannet Passage south cardinal light buoy. |

Chart temporarily affected - Aus 292 - Aus 293 - Aus 296 - Aus 299 - Aus 376 - Aus 700

307(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Depth information*Former Notice - 1042(T)/2011 is cancelled*

Maritime Safety Queensland Notice 257(T)/2012 (AA589522)

Available depths as at 20 March 2012:

| <i>Berth</i> | <i>Metres</i> |
|----------------------------------|---------------|
| * Entrance Channel | 3.0 |
| Mobil/Trinity Wharf | 6.3 |
| Raptis Wharf | 5.3 |
| Ruby Marine Wharf | 5.3 |
| Gulf Freight Services Wharf | 6.2 |
| Karumba Cold Stores Wharf | 6.2 |
| Seaswift/Shell Wharf | 6.2 |
| Karumba Livestock Loading Wharf | 5.4 |
| Gulf Freight Services Ramp/Wharf | 4.6 |
| Pasminco Export Wharf | 4.2 |

* Indicates revised entry.

Chart temporarily affected - Aus 6**308(T)/2012 AUSTRALIA - TIMOR SEA - Seismic survey completed***Former Notice - 161(T)/2012 is cancelled*

MEO Australia Ltd (AA589628)

Cancel this notice on receipt.

Chart formerly affected - Aus 315**309(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Rig demobilised; mooring buoys recovered***Former Notice - 165(T)/2012 is cancelled*

SSCV Hermod (AA588156)

Cancel this notice on receipt.

Chart formerly affected - Aus 327**310(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instruments recovered***Former Notice - 76(T)/2010 is cancelled*

Chevron Australia Pty Ltd (AA588784)

Cancel this notice on receipt.

Chart formerly affected - Aus 62 - Aus 742 - Aus 743**311(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards***Date - Until 23 May 2012*

Hess Exploration Australia Pty Ltd (AA588940, AA588941)

Drill rig *Jack Bates* is conducting drilling operations in position 20° 04'.3 S 113° 49'.7 E.**Chart temporarily affected - Aus 328 - Aus 329 - Aus 4723 (INT 723) - AX 4723F**

312(T)/2012 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Depth information
Department of Planning, Transport and Infrastructure SA Notice 10/2012 (AA588165)

Available depths as at 6 March 2012:

| <i>Berth</i> | <i>Metres</i> |
|------------------|---------------|
| Outer Harbor No6 | 13.8 |
| Outer Harbor No7 | 13.8 |
| Outer Harbor No8 | 15.7 |
| Swinging Basin | 13.7 |

Chart temporarily affected - Aus 137

313(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Dredging operations completed

Former Notice - 172(T)/2012 is cancelled

Port of Melbourne Corporation (AA589160), Victorian Notice 57/2012 (AA590046)

Cancel this notice on receipt.

Chart formerly affected - Aus 143 - Aus 144 - Aus 158

314(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling removed; light buoy withdrawn

Former Notice - 215(T)/2012 is cancelled

Victorian Notice 61/2012 (AA590045)

Cancel this notice on receipt.

Chart formerly affected - Aus 143 - Aus 158

315(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - South Channel - Shoaling removed; virtual AIS removed

Former Notice - 171(T)/2012 is cancelled

Victorian Notice 62/2012 (AA590047)

Cancel this notice on receipt.

Chart formerly affected - Aus 144 - Aus 158

II

HYDROGRAPHIC REPORTS

Nil Reports

NAVIGATION WARNINGS

The following radio messages have been received during the period to 23 March 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

065 Cancelled.
 066 Cancelled.
 067 Cancelled.
 068 Cancelled.
 069 Cancelled.
 070 Drill rig *Ocean Patriot* in position 11° 56'.43 S 124° 59'.66 E. 2.5M clearance requested.
 071 Cancelled.
 072 West cardinal pillar light buoy, Q(9)15s 5M, with topmark established in position 10° 40'.25 S 142° 37'.50 E.
 073 Cancelled.
 074 Cancelled.
 075 Cancelled.
 076 AIS aid to navigation MMSI 995031040 established at Quetta Rock buoy 10° 40'.25 S 142° 37'.50 E.
 077 Special purpose vessel *Voyager Explorer* conducting seismic survey in an area bounded by 21° 25'.0 S to 23° 37'.0 S and 112° 30'.0 E to 113° 48'.0 E. 6M clearance requested.
 078 Drill rig *Jack Bates* in position 20° 04'.96 S 113° 49'.90 E. 2.5M clearance requested.
 079 Port Walcott light buoy K1890 in position 20° 28'.0 S 117° 22'.10 E unlit.

NAVAREA X WARNINGS

005 Display anomalies in some ECDIS. Mariners are advised that the International Hydrographic Organisation (IHO) check data set shows that some ECDIS systems fail to display some significant underwater features in the standard display mode. The use of this check data set, issued through ENC service providers and available from the IHO website www.iho.int, to check the operation of ECDIS is strongly recommended. JRC has confirmed that certain versions of JRC ECDIS fail to display some types of wreck and obstructions, including stranded wrecks, in any display mode. Where JRC ECDIS is in use, paper charts should be the primary means of navigation until the ECDIS has been proved to operate correctly. See www.jrc.co.jp/eng/product/marine/whatsnew/20120313/index.html for further information.

Navigational warnings in force as at 230001UTC MAR 12.**Auscoast**

2011 321 328 337 338

2012 047 054 055 070 072 076 077 078 079

Navarea X

2012 003 005

Summary of mobile drilling rigs as at 230001UTC MAR 12.

| <i>Name</i> | <i>Position</i> |
|-------------------|----------------------------|
| Ocean Patriot | 11° 56'.43 S 124° 59'.66 E |
| Ensco 109 | 12° 40'.20 S 124° 32'.22 E |
| Transocean Legend | 20° 31'.70 S 116° 40'.70 E |
| Ensco 104 | 20° 41'.01 S 115° 01'.13 E |
| Atwood Osprey | 20° 24'.51 S 114° 50'.98 E |
| Nan Hai 6 | 21° 26'.03 S 114° 01'.95 E |
| Jack Bates | 20° 04'.96 S 113° 49'.90 E |
| Atwood Eagle | 20° 52'.50 S 113° 44'.55 E |
| Ocean America | 21° 32'.23 S 113° 52'.54 E |
| Stena Clyde | 38° 20'.97 S 141° 41'.01 E |

NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 230001UTC MAR 12.

Nil.

