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Edition 21

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

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# AUSTRALIAN NOTICES TO MARINERS

**Notices 1038 - 1076**



Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN  
*Hydrographer of Australia*

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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](mailto: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](http://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](mailto: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](http://www.hydro.gov.au)) and through the eNotices (email) service ([www.hydro.gov.au/enotices/enotices.htm](http://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](http://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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| AU 5637P1 | 1038    |

**1038 AUSTRALIA - Product**

Australian Hydrographic Service (AA701182), UKHO (AA701702)

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

| Cell Name | Released     | Title                                        |
|-----------|--------------|----------------------------------------------|
| AU5637P1  | October 2013 | Papua New Guinea - North East Coast - Losuia |

**New Edition to be published shortly**

| Chart   | Title                                                                      | Scale     | Expected Publication Date |
|---------|----------------------------------------------------------------------------|-----------|---------------------------|
| Aus 63  | Australia – North West Coast – Western Australia – Mary Anne Passage       | 1:50 000  | 1 November 2013           |
| Aus 700 | Australia – North Coast – Queensland – Western Approaches to Torres Strait | 1:150 000 | 1 November 2013           |

**Admiralty publication**

| NP No | Title                                                                 | Date       | Remarks                           |
|-------|-----------------------------------------------------------------------|------------|-----------------------------------|
| NP284 | Admiralty List of Radio Signals. Meteorological Observation Stations. | 24/10/2013 | The 2012/13 edition is cancelled. |

For further details refer to the AHS website at [www.hydro.gov.au](http://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.

**1039\* AUSTRALIA - NEW SOUTH WALES - Clarence River - North Channel - Obstruction; light buoy**

Former Notice - 299(T)/2013 is cancelled

Port of Clarence River (Yamba) Notice 11/2013 (AA699124)

**Aus 222 [629/2013]**

|        |                                                                              |               |                |
|--------|------------------------------------------------------------------------------|---------------|----------------|
| Insert | depth, 2 <sub>2</sub> m, enclosed by danger circle with legend, <i>Obstn</i> | 29° 25'.388 S | 153° 21'.202 E |
|        | out of position special cylindrical light buoy, Q(4)Y.6s, without topmark    | 29° 25'.388 S | 153° 21'.202 E |
| Delete | depth, 4 <sub>4</sub> m                                                      | 29° 25'.39 S  | 153° 21'.19 E  |

**1040\* AUSTRALIA - QUEENSLAND - Bell Cay - Obstruction southwards**

Former Notice - 759(T)/2013 is cancelled

Great Barrier Reef Marine Park Authority (AA700721)

**Aus 367 [1240/2012]**

|        |               |              |               |
|--------|---------------|--------------|---------------|
| Insert | #, centred on | 22° 09'.94 S | 151° 20'.65 E |
|--------|---------------|--------------|---------------|

**Aus 490 [847/2013]**

|        |               |              |               |
|--------|---------------|--------------|---------------|
| Insert | #, centred on | 22° 09'.94 S | 151° 20'.65 E |
|--------|---------------|--------------|---------------|

**AX 00367S [779/2012]**

|        |               |              |               |
|--------|---------------|--------------|---------------|
| Insert | #, centred on | 22° 09'.94 S | 151° 20'.65 E |
|--------|---------------|--------------|---------------|

**1041\* AUSTRALIA - QUEENSLAND - Ellis Channel - Hovell Bar - Depths**

Maritime Safety Queensland (DHDB 2443629)

**Aus 293 [952/2013]**

|            |                                                               |              |               |
|------------|---------------------------------------------------------------|--------------|---------------|
| Substitute | depth, 2 <sub>3</sub> m, for depth, 2m, and enclosing contour | 10° 34'.20 S | 142° 15'.38 E |
|------------|---------------------------------------------------------------|--------------|---------------|

**Aus 299 [952/2013]**

|        |                         |               |                |
|--------|-------------------------|---------------|----------------|
| Insert | depth, 2 <sub>3</sub> m | 10° 34'.127 S | 142° 15'.349 E |
|--------|-------------------------|---------------|----------------|

|            |                                                               |              |               |
|------------|---------------------------------------------------------------|--------------|---------------|
| Substitute | depth, 2 <sub>3</sub> m, for depth, 2m, and enclosing contour | 10° 34'.20 S | 142° 15'.38 E |
|------------|---------------------------------------------------------------|--------------|---------------|

|        |                         |              |               |
|--------|-------------------------|--------------|---------------|
| Delete | depth, 2 <sub>9</sub> m | 10° 34'.14 S | 142° 15'.35 E |
|--------|-------------------------|--------------|---------------|

**1042\* AUSTRALIA - QUEENSLAND - Gladstone - Clinton Wharves to Barney Point Wharf - Depths**

Former Notice - 653(T)/2011 is cancelled  
Maritime Safety Queensland (DHDB 2080359)

**Aus 244 (plan, Gladstone and Adjacent Wharves) [996/2013]**

|        |                                      |             |              |
|--------|--------------------------------------|-------------|--------------|
| Insert | <a href="#">accompanying block A</a> | 23° 49'.2 S | 151° 14'.3 E |
|        | <a href="#">accompanying block B</a> | 23° 50'.2 S | 151° 16'.2 E |

**Aus 245 [996/2013]**

|        |                                    |             |              |
|--------|------------------------------------|-------------|--------------|
| Insert | <a href="#">accompanying block</a> | 23° 49'.5 S | 151° 15'.2 E |
|--------|------------------------------------|-------------|--------------|

**1043\* AUSTRALIA - QUEENSLAND - Gladstone - South Channel - Wild Cattle Cutting - Light buoy**

Maritime Safety Queensland Notice 805(T)/2013 (AA700917)

**Aus 246 [795/2013]**

|      |            |               |                |
|------|------------|---------------|----------------|
| Move | light buoy | 23° 53'.66 S  | 151° 30'.22 E  |
|      | to         | 23° 53'.737 S | 151° 30'.143 E |

**1044\* AUSTRALIA - CORAL SEA - Lihou Reef - Light buoy northeastwards**

Australian Bureau of Meteorology (AA699821)

**Aus 4621 (INT 621) [800/2013]**

|        |            |             |              |
|--------|------------|-------------|--------------|
| Delete | light buoy | 14° 48'.0 S | 153° 35'.0 E |
|--------|------------|-------------|--------------|

**AX 04621U [800/2013]**

|        |            |             |              |
|--------|------------|-------------|--------------|
| Delete | light buoy | 14° 48'.0 S | 153° 35'.0 E |
|--------|------------|-------------|--------------|

**1045\* PAPUA NEW GUINEA - Cape Girgir - Light beacon**

National Maritime Safety Authority PNG (AA699728)

**Aus 388 [1000/2013]**

|      |              |             |               |
|------|--------------|-------------|---------------|
| Move | light beacon | 3° 48'.46 S | 144° 31'.53 E |
|      | to           | 3° 48'.77 S | 144° 31'.87 E |

|        |                         |            |              |
|--------|-------------------------|------------|--------------|
| Delete | depth, 3 <sub>9</sub> m | 3° 48'.7 S | 144° 32'.2 E |
|--------|-------------------------|------------|--------------|

**Aus 388 (plan, Entrance to Sepik River) [1000/2013]**

|      |              |             |               |
|------|--------------|-------------|---------------|
| Move | light beacon | 3° 48'.46 S | 144° 31'.53 E |
|      | to           | 3° 48'.77 S | 144° 31'.87 E |

**1046\* PAPUA NEW GUINEA - Kavieng Harbour - Nago Island to Cape Sueusat - Submarine power cable**

National Maritime Safety Authority PNG Notice 48/2013 (AA700250)

**Aus 543 [343/2011]**

|        |                          |             |               |
|--------|--------------------------|-------------|---------------|
| Insert | submarine cable, between | 2° 36'.69 S | 150° 46'.65 E |
|        |                          | 2° 36'.28 S | 150° 46'.30 E |
|        |                          | 2° 36'.24 S | 150° 46'.23 E |

**Aus 666 [84/2013]**

|        |                                |             |               |
|--------|--------------------------------|-------------|---------------|
| Insert | submarine power cable, between | 2° 36'.69 S | 150° 46'.65 E |
|        |                                | 2° 36'.28 S | 150° 46'.30 E |
|        |                                | 2° 36'.24 S | 150° 46'.23 E |

**Aus 666 (plan, Kavieng Harbour) [84/2013]**

|        |                                |              |                |
|--------|--------------------------------|--------------|----------------|
| Insert | submarine power cable, between | 2° 36'.690 S | 150° 46'.650 E |
|        |                                | 2° 36'.275 S | 150° 46'.300 E |
|        |                                | 2° 36'.238 S | 150° 46'.233 E |

**1047\* PAPUA NEW GUINEA - Madehas Island - Light**  
National Maritime Safety Authority PNG Notice 47/2013 (AA699562)

**Aus 684 (plan, Buka Passage) [686/2013]**

|      |       |              |                |
|------|-------|--------------|----------------|
| Move | light | 5° 27'.64 S  | 154° 38'.04 E  |
|      | to    | 5° 27'.632 S | 154° 38'.062 E |

**1048\* AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Lit mooring buoys**  
Darwin Port Corporation Notice 181/2013 (AA699586, AA700461)

**Aus 26 [1001/2013]**

|        |                                                    |              |               |
|--------|----------------------------------------------------|--------------|---------------|
| Insert | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.16 S | 130° 55'.86 E |
|        | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.25 S | 130° 56'.02 E |
|        | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.03 S | 130° 53'.89 E |

|        |                         |             |              |
|--------|-------------------------|-------------|--------------|
| Delete | depth, 6 <sub>4</sub> m | 12° 30'.0 S | 130° 53'.9 E |
|        | depth, 6 <sub>1</sub> m | 12° 30'.2 S | 130° 56'.0 E |

**Aus 28 [891/2013]**

|        |                                                    |               |                |
|--------|----------------------------------------------------|---------------|----------------|
| Insert | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.157 S | 130° 55'.862 E |
|        | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.250 S | 130° 56'.024 E |
|        | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.033 S | 130° 53'.886 E |

**AX 00026T [1001/2013]**

|        |                                                    |              |               |
|--------|----------------------------------------------------|--------------|---------------|
| Insert | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.16 S | 130° 55'.86 E |
|        | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.25 S | 130° 56'.02 E |
|        | lit yellow barrel mooring buoy, <i>Fl. Y. 2·5s</i> | 12° 30'.03 S | 130° 53'.89 E |

|        |                         |             |              |
|--------|-------------------------|-------------|--------------|
| Delete | depth, 6 <sub>4</sub> m | 12° 30'.0 S | 130° 53'.9 E |
|        | depth, 6 <sub>1</sub> m | 12° 30'.2 S | 130° 56'.0 E |

**1049\* AUSTRALIA - WESTERN AUSTRALIA - Broome - Light buoys northwestwards**  
Broome Port Authority (AA699901)

**Aus 50 [1245/2011]**

|        |            |             |              |
|--------|------------|-------------|--------------|
| Delete | light buoy | 17° 50'.6 S | 122° 02'.0 E |
|        | light buoy | 17° 51'.0 S | 122° 02'.4 E |
|        | light buoy | 17° 50'.6 S | 122° 02'.8 E |

**1050\* AUSTRALIA - WESTERN AUSTRALIA - Exmouth Boat Harbour - Infrastructure**  
*Former Notice - 72(T)/2013 is cancelled*  
Department of Transport WA (AA694707)

**Aus 72 (plan, Exmouth Boat Harbour) [583/2013]**

|        |                                    |             |              |
|--------|------------------------------------|-------------|--------------|
| Insert | <a href="#">accompanying block</a> | 21° 57'.2 S | 114° 08'.3 E |
|--------|------------------------------------|-------------|--------------|

**1051\* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Fishing Boat Harbour - Infrastructure**  
*Former Notice - 524(T)/2012 is cancelled*  
Department of Transport WA (AA690419)

**Aus 113 [549/2013]**

|        |                                    |             |              |
|--------|------------------------------------|-------------|--------------|
| Insert | <a href="#">accompanying block</a> | 32° 03'.8 S | 115° 44'.7 E |
|--------|------------------------------------|-------------|--------------|

**Aus 117 [549/2013]**

|        |                                    |             |              |
|--------|------------------------------------|-------------|--------------|
| Insert | <a href="#">accompanying block</a> | 32° 03'.8 S | 115° 44'.5 E |
|--------|------------------------------------|-------------|--------------|

**AX 00117T [549/2013]**

|        |                                    |             |              |
|--------|------------------------------------|-------------|--------------|
| Insert | <a href="#">accompanying block</a> | 32° 03'.8 S | 115° 44'.5 E |
|--------|------------------------------------|-------------|--------------|

**1052\* AUSTRALIA - WESTERN AUSTRALIA - Success Bank to Parmelia Bank - Depths**

Department of Transport WA (DHDB 2487227)

**Aus 114 [889/2012]**

|        |                                |               |                |
|--------|--------------------------------|---------------|----------------|
| Insert | depth, 2m, enclosed by contour | 32° 08'.156 S | 115° 43'.211 E |
|--------|--------------------------------|---------------|----------------|

**Aus 117 [1051/2013]**

|        |                                              |               |                |
|--------|----------------------------------------------|---------------|----------------|
| Insert | depth, 2m, enclosed by contour               | 32° 08'.156 S | 115° 43'.211 E |
|        | depth, 4 <sub>8</sub> m, enclosed by contour | 32° 05'.205 S | 115° 40'.423 E |

|        |                         |              |               |
|--------|-------------------------|--------------|---------------|
| Delete | depth, 2 <sub>4</sub> m | 32° 08'.18 S | 115° 43'.18 E |
|--------|-------------------------|--------------|---------------|

**Aus 754 [291/2013]**

|        |                                |              |               |
|--------|--------------------------------|--------------|---------------|
| Insert | depth, 2m, enclosed by contour | 32° 08'.16 S | 115° 43'.21 E |
|--------|--------------------------------|--------------|---------------|

**AX 00117T [1051/2013]**

|        |                                              |               |                |
|--------|----------------------------------------------|---------------|----------------|
| Insert | depth, 2m, enclosed by contour               | 32° 08'.156 S | 115° 43'.211 E |
|        | depth, 4 <sub>8</sub> m, enclosed by contour | 32° 05'.205 S | 115° 40'.423 E |

|        |                         |              |               |
|--------|-------------------------|--------------|---------------|
| Delete | depth, 2 <sub>4</sub> m | 32° 08'.18 S | 115° 43'.18 E |
|--------|-------------------------|--------------|---------------|

**AX 00754S [291/2013]**

|        |                                |              |               |
|--------|--------------------------------|--------------|---------------|
| Insert | depth, 2m, enclosed by contour | 32° 08'.16 S | 115° 43'.21 E |
|--------|--------------------------------|--------------|---------------|

**AXA 0754S [291/2013]**

|        |                                |              |               |
|--------|--------------------------------|--------------|---------------|
| Insert | depth, 2m, enclosed by contour | 32° 08'.16 S | 115° 43'.21 E |
|--------|--------------------------------|--------------|---------------|

**1053\* INDIAN OCEAN - Sunda Trench - Buoy**

Australian Bureau of Meteorology (AA699821)

**Aus 4723 (INT 723) [805/2013]**

|        |      |             |              |
|--------|------|-------------|--------------|
| Delete | buoy | 11° 27'.0 S | 113° 36'.0 E |
|--------|------|-------------|--------------|

**AX 04723U [805/2013]**

|        |      |             |              |
|--------|------|-------------|--------------|
| Delete | buoy | 11° 27'.0 S | 113° 36'.0 E |
|--------|------|-------------|--------------|



**1054(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Drilling operations**

*Date* - Until 15 November 2013

Maritime Safety Queensland Notice 825(T)/2013 (AA702205)

Drilling operations are in progress in the Cairns channel and harbour.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 262 - Aus 263 - AX 63262**

**1055(T)/2013 AUSTRALIA - QUEENSLAND - Cape Tribulation - Wreck**

Maritime Safety Queensland Notice 811(T)/2013 (AA701161)

A wreck exists in position 16° 07'.64 S 145° 31'.22 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 831 - AXA 0830T**

**1056(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - Light buoys repositioned**  
 Maritime Safety Queensland Notice 778(T)/2013 (AA701517)

The light buoys have been repositioned to mark the toe lines of the new Passage Island Channel as follows:

|      | <i>Positions</i>           | <i>Light characteristics</i> |
|------|----------------------------|------------------------------|
| PI1  | 23° 47'.58 S 151° 12'.57 E | Fl.G.2-5s                    |
| PI2  | 23° 47'.66 S 151° 12'.49 E | Fl.R.2-5s                    |
| PI3  | 23° 47'.43 S 151° 12'.40 E | Fl.G.2-5s                    |
| PI4  | 23° 47'.51 S 151° 12'.32 E | Fl.R.2-5s                    |
| PI5  | 23° 47'.02 S 151° 11'.95 E | Fl.G.2-5s                    |
| PI6  | 23° 47'.37 S 151° 12'.05 E | Fl.R.2-5s                    |
| PI7  | 23° 46'.60 S 151° 11'.45 E | Fl.G.2-5s                    |
| PI8  | 23° 47'.11 S 151° 11'.79 E | Fl.R.2-5s                    |
| PI9  | 23° 46'.50 S 151° 11'.38 E | Fl.G.2-5s                    |
| PI10 | 23° 46'.84 S 151° 11'.41 E | Fl.R.2-5s                    |
| PI11 | 23° 46'.39 S 151° 11'.32 E | Fl.G.2-5s                    |
| PI12 | 23° 46'.68 S 151° 11'.38 E | Fl.R.2-5s                    |
| PI13 | 23° 46'.26 S 151° 11'.37 E | Fl.G.2-5s                    |
| PI14 | 23° 46'.56 S 151° 11'.29 E | Fl.R.2-5s                    |
| PI15 | 23° 46'.09 S 151° 11'.42 E | Fl.G.2-5s                    |
| PI16 | 23° 46'.39 S 151° 11'.16 E | Fl.R.2-5s                    |
| PI17 | 23° 46'.16 S 151° 11'.23 E | Fl.Y.2-5s                    |
| PI18 | 23° 46'.13 S 151° 10'.95 E | Fl.R.2-5s                    |
| PI19 | 23° 46'.11 S 151° 11'.25 E | Fl.Y.2-5s                    |
| PI20 | 23° 46'.01 S 151° 10'.90 E | Fl.R.2-5s                    |
| PI22 | 23° 45'.75 S 151° 10'.78 E | Fl.R.2-5s                    |
| PI23 | 23° 45'.83 S 151° 10'.93 E | Fl.G.2-5s                    |
| PI24 | 23° 45'.58 S 151° 10'.74 E | Fl.R.2-5s                    |
| PI25 | 23° 45'.70 S 151° 10'.89 E | Fl.G.2-5s                    |
| PI26 | 23° 45'.47 S 151° 10'.66 E | Fl.R.2-5s                    |
| PI27 | 23° 45'.57 S 151° 10'.85 E | Fl.G.2-5s                    |
| PI28 | 23° 45'.34 S 151° 10'.66 E | Fl.Y.2-5s                    |
| PI29 | 23° 45'.52 S 151° 10'.88 E | Fl.G.2-5s                    |
| PI50 | 23° 46'.67 S 151° 11'.64 E | Fl.Y.2-5s                    |

The following light buoys have been removed:

|      | <i>Positions</i>           |
|------|----------------------------|
| PI21 | 23° 45'.51 S 151° 10'.88 E |
| PI51 | 23° 46'.25 S 151° 11'.21 E |
| PI52 | 23° 46'.10 S 151° 11'.26 E |
| PI53 | 23° 45'.33 S 151° 10'.66 E |
| PI55 | 23° 45'.09 S 151° 10'.29 E |

The replacement of the light buoys by light beacons is due to be completed 1Q 2014. A preliminary notice to mariners will be issued for the light beacon project in due course. As such the charts will not be updated; new chart Aus 272 is due for publication early 2014.

The AHS will update the ENC AU5244X5 to reflect the changes as they occur.

**Chart temporarily affected - Aus 244 - Aus 245**

**1057(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling**

*Former Notice - 1019(T)/2013 is cancelled*

Maritime Safety Queensland Notice 791(T)/2013, 809(T)/2013 (AA699723, AA700878)

A least depth of 2.4m exists within the main channel to Mooloolah River.

A least depth of 2.3m exists midway between light beacons No1 (26° 40'.81 S 153° 07'.94 E) and No3 (26° 40'.86 S 153° 08'.01 E).

A least depth of 1.5m exists at the western side of the channel between light beacons No5 (26° 40'.92 S 153° 08'.09 E) and No8 (26° 41'.01 S 153° 08'.12 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 235**

**1058(T)/2013 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information**

Former Notice - 1020(T)/2013 is cancelled

Brisbane Port Corporation (AA701921), Maritime Safety Queensland Notice 1305(T)/2012 (AA643540)

Available depths and under keel clearances (UKC) at 16 October 2013:

| <i>Berth</i>                         | <i>Metres</i> | <i>Remarks</i>                                                                               |
|--------------------------------------|---------------|----------------------------------------------------------------------------------------------|
| * Fisherman Islands No12             | 13.8          |                                                                                              |
| Fisherman Islands No11               | 13.8          |                                                                                              |
| Fisherman Islands No10               | 13.3          |                                                                                              |
| Fisherman Islands No9                | 13.9          |                                                                                              |
| Fisherman Islands No8                | 14.0          |                                                                                              |
| Fisherman Islands No7                | 14.0          |                                                                                              |
| * Fisherman Islands No6              | 14.2          |                                                                                              |
| * Fisherman Islands No5              | 14.0          |                                                                                              |
| * Fisherman Islands No4              | 14.0          |                                                                                              |
| * Fisherman Islands No3              | 14.0          |                                                                                              |
| * Fisherman Islands No2              | 14.0          |                                                                                              |
| Fisherman Islands No1                | 13.9          |                                                                                              |
| Fisherman Islands Grain and Woodchip | 13.1          |                                                                                              |
| Caltex Fisherman Islands             | 14.5          |                                                                                              |
| Fisherman Islands Coal               | 13.8          |                                                                                              |
| * Fisherman Islands General Purpose  | 11.0          |                                                                                              |
| * BP Luggage Point                   | 13.8          |                                                                                              |
| * Caltex Products                    | 10.1          |                                                                                              |
| * Cement Australia Co Wharf          | 9.2           |                                                                                              |
| * BP Products                        | 10.6          |                                                                                              |
| * Shell                              | 11.1          |                                                                                              |
| Pacific Terminals                    | 10.7          |                                                                                              |
| * Incitec North                      | 9.7           |                                                                                              |
| * Incitec South                      | 10.3          |                                                                                              |
| Pinkenba 1                           | 10.4          |                                                                                              |
| Pinkenba 2                           | 10.4          |                                                                                              |
| Riverside Marina                     | -             |                                                                                              |
| Sugar Terminal                       | 9.8           |                                                                                              |
| * Cairncross Fitting Out Wharf       | 7.2           |                                                                                              |
| Cairncross Breasting Wharf           | 5.0           |                                                                                              |
| Brisbane Naval Wharf                 | 4.3           |                                                                                              |
| * Maritime No1                       | 9.0           |                                                                                              |
| Hamilton No4                         | 10.0          |                                                                                              |
| * Hamilton No1                       | 8.7           |                                                                                              |
| * Brisbane Cruise Ship Terminal      | 8.7           |                                                                                              |
|                                      | <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                    | 14.0          | 1.46                                                                                         |
| * Inner Bar Cutting                  | 13.7          | 1.46                                                                                         |
| * Fisherman Islands Swing Basin      | 13.9          | 1.3                                                                                          |
| River                                | 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               | 9.0           | 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**

**1059(T)/2013 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Light beacon unlit**  
Maritime Safety Queensland Notice 812(T)/2013 (AA702174)

The starboard light beacon, *Fl.G.2-5s* (27° 02'.69 S 153° 07'.74 E), is unlit.

A starboard lateral light buoy, *Fl.G.2-5s*, exists in position 27° 02'.68 S 153° 07'.74 E.

**Chart temporarily affected - Aus 235 - Aus 236**

**1060(T)/2013 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing**

*Date* - Until 21 November 2013

Maritime Safety Queensland Notice 743(T)/2013 (AA697235)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 20 October to 20 November 2013.

A marine danger area extends to all internal waters bounded by the following positions:

22° 10'.02 S 150° 30'.06 E  
22° 19'.92 S 150° 45'.05 E  
22° 27'.02 S 150° 34'.98 E  
22° 25'.00 S 150° 25'.00 E  
22° 12'.47 S 150° 25'.00 E  
22° 10'.02 S 150° 30'.06 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 00260T - AX 00260S - AX 00367S - AX 00820S - AX 00822S**

**1061(T)/2013 AUSTRALIA - QUEENSLAND - Townsville - Stuart Creek - Wreck**

Maritime Safety Queensland Notice 816(T)/2013 (AA701888)

A wreck marked by a special light buoy, *Fl.Y.2-5s*, exists in position 19° 16'.82 S 146° 49'.83 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 257**

**1062(T)/2013 PAPUA NEW GUINEA - Unei Island - Light unlit**

National Maritime Safety Authority PNG Notice 49(T)/2013 (AA701693)

The light, *Fl(4)16s 6m 9M* (3° 22'.69 S 143° 24'.58 E), is unlit.

**Chart temporarily affected - Aus 389 - Aus 651 - Aus 4622 (INT 622)**

**1063(P)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Blaydin Point - Light beacons**

*Date* - On or about 30 March 2014

Darwin Port Corporation Notice 177(T)/2013 (AA699032, AA700174)

Light beacons, marked by temporary lights and special light buoys, Q.Y, will be established as follows:

| <i>Position</i>              | <i>Characteristic</i> | <i>Remarks</i> |
|------------------------------|-----------------------|----------------|
| 12° 30'.300 S 130° 54'.846 E | <i>Fl.G.3s</i>        | M21            |
| 12° 30'.245 S 130° 54'.583 E | <i>Fl.R.3s</i>        | M22            |
| 12° 30'.229 S 130° 54'.933 E | <i>Fl.G.3s</i>        | M23            |
| 12° 30'.067 S 130° 54'.880 E | <i>Fl.R.3s</i>        | M24            |
| 12° 30'.260 S 130° 55'.477 E | <i>Fl.G.3s</i>        | M25            |
| 12° 30'.107 S 130° 55'.285 E | <i>Fl.R.3s</i>        | M26            |
| 12° 30'.148 S 130° 55'.689 E | <i>Fl.R.3s</i>        | M28            |
| 12° 30'.474 S 130° 55'.608 E | <i>Fl.G.3s</i>        | M29            |
| 12° 30'.398 S 130° 55'.868 E | <i>Fl.R.3s</i>        | M30            |
| 12° 30'.730 S 130° 56'.015 E | <i>Fl.R.3s</i>        | M32            |
| 12° 30'.944 S 130° 55'.830 E | <i>Fl.R.3s</i>        | M34            |

**Chart which will be affected - Aus 26 - Aus 28 - AX 00026T**

**1064(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards***Date* - Until 9 December 2013

Chevron Australia Pty Ltd (AA701490), Australian Maritime Safety Authority Auscoast Warning 244/2013 (AA701786)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 24'.49 S 114° 50'.96 E.**Chart temporarily affected - Aus 328 - Aus 4723 (INT 723) - AX 04723U****1065(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards moved***Former Notice* - 921(T)/2013 is cancelled

Chevron Australia Pty Ltd (AA701490)

Cancel this notice on receipt.

**Chart formerly affected - Aus 328 - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04723U****1066(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depth information***Former Notice* - 1029(T)/2013 is cancelled

Dampier Port Authority Notices 32/2013, 33/2013, 35/2013 (AA699565, AA699566, AA701917)

Available depths as at 14 October 2013:

|                                           | <i>Metres</i> | <i>Remarks</i> |
|-------------------------------------------|---------------|----------------|
| East Intercourse Island                   | 19.1          |                |
| East Intercourse Island Layby berth       | 19.4          |                |
| East Intercourse Island Departure Channel | 15.5          |                |
| Rio Tinto Deep Water Channel              | 15.0          |                |
| Parker Point berth 2                      | 18.7          |                |
| Parker Point berth 3                      | 18.8          |                |
| Parker Point berth 4                      | 19.5          |                |
| Parker Point berth 5                      | 19.1          |                |
| Parker Point Departure Channel            | 15.0          |                |
| Parker Point Approach Channel             | 8.0           |                |
| Fuel Wharf                                | 11.4          |                |
| Service Wharf                             | 6.7           |                |
| Mermaid Marine Supply Base Outer Channel  | 5.4           |                |
| Mermaid Marine Supply Base Inner Channel  | 3.0           |                |
| Berthing pocket                           | 7.2           |                |
| * Burrup Materials Facility               | 7.0           |                |
| Dampier Cargo Wharf                       | 9.0           | Western side   |
|                                           | 6.5           | Eastern side   |
| Bulk Liquids Berth                        | 12.4          |                |
| Facilities Channel                        | 11.0          |                |
| * Indicates new or revised entry.         |               |                |

**Chart temporarily affected - Aus 58 - Aus 59 - Aus 60****1067(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments***Date* - Until 30 June 2014

University of Western Australia (AA701907, AA701908)

Subsurface scientific instruments, 20m below the surface, exist in the following positions:

18° 45'.0 S 117° 01'.8 E

19° 31'.2 S 117° 03'.0 E

19° 04'.8 S 116° 36'.0 E

19° 03'.0 S 117° 03'.6 E

19° 33'.0 S 116° 36'.0 E.

**Chart temporarily affected - Aus 327 - Aus 741**

**1068(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Depth information***Former Notice - 875(T)/2013 is cancelled*

Port Hedland Port Authority Notice 13/2013 (AA701792)

Available depths as at 11 October 2013:

| <i>Berth</i>                           | <i>Metres</i> |
|----------------------------------------|---------------|
| PHPA berth 1                           | 13.2          |
| PHPA berth 2                           | 13.2          |
| * PHPA berth 3                         | 13.5          |
| * PHPA berth 4 (Utah Point)            | 14.7          |
| * BHP Billiton Nelson Point berth A    | 19.2          |
| * BHP Billiton Nelson Point berth B    | 19.0          |
| BHP Billiton Nelson Point berth C      | 19.1          |
| * BHP Billiton Nelson Point berth D    | 19.0          |
| BHP Billiton Finucane Island berth A   | 19.2          |
| * BHP Billiton Finucane Island berth B | 19.3          |
| * BHP Billiton Finucane Island berth C | 18.5          |
| * BHP Billiton Finucane Island berth D | 19.3          |
| * Anderson Point berth 1               | 19.9          |
| * Anderson Point berth 2               | 19.7          |
| * Anderson Point berth 3               | 19.8          |
| * Anderson Point berth 4               | 19.7          |
| * Indicates new or revised entry.      |               |

**Chart temporarily affected - Aus 52 - Aus 54****1069(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drilling operations completed***Former Notice - 988(T)/2013 is cancelled*

Woodside Energy Ltd (AA700438)

Cancel this notice on receipt.

**Chart formerly affected - Aus 327 - Aus 4723 (INT 723) - AX 04723U****1070(T)/2013 INDIAN OCEAN - Mid Indian Ocean Basin - Light buoy removed***Former Notice - 1035(T)/2013 is cancelled*

Australian Bureau of Meteorology (AA699821)

Cancel this notice on receipt.

**Chart formerly affected - Aus 4708 (INT 708) - Aus 4714 (INT 714) - Aus 4723 (INT 723) - AX 04708U - AX 04714U - AX 04723U****1071(T)/2013 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Harbour works***Date - Until 29 November 2013*

Victorian Notice (AA701212)

Harbour works associated with the upgrade of the berth (38° 15'.88 S 144° 40'.30 E) are in progress.

Barges and a support vessels are on site and will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143**

**1072(P)/2013 AUSTRALIA - VICTORIA - Western Port - Rutherford Inlet - Beacons; mooring piles**

*Date* - On or about 5 November 2013

Victorian Notice 132(T)/2013 (AA701188)

Beacons will be repositioned as follows:

|      | <i>Current Position</i>    | <i>New Position</i>          |
|------|----------------------------|------------------------------|
| No24 | 38° 14'.08 S 145° 18'.44 E | 38° 14'.076 S 145° 18'.447 E |
| No13 | 38° 13'.99 S 145° 18'.45 E | 38° 13'.993 S 145° 18'.442 E |
| No26 | 38° 13'.75 S 145° 18'.36 E | 38° 13'.752 S 145° 18'.368 E |

28 unlit mooring piles will be established between positions 38° 14'.08 S 145° 18'.47 E and 38° 13'.78 S 145° 18'.38 E.

**Chart which will be affected - Aus 151 - Aus 152**

**1073(T)/2013 AUSTRALIA - TASMANIA - Bruny Island - Kinghorne Point - Light**

Marine and Safety Tasmania Notice M102/2013 (AA701913)

The light (43° 09'.96 S 147° 16'.56 E) has been temporarily altered to *Fl.3s*.

**Chart temporarily affected - Aus 173 - Aus 795 - Aus 796**

**1074(T)/2013 AUSTRALIA - TASMANIA - Cape Barren Island - Scientific instruments***Date* - Until 30 June 2015

Institute for Marine and Antarctic Studies (AA701662 - AA701664), Marine and Safety Tasmania Notice M104/2013 (AA701665)

Subsurface scientific instruments exist on the seabed in the following positions:

40° 26'.38 S 148° 28'.97 E  
 40° 26'.51 S 148° 29'.51 E  
 40° 26'.65 S 148° 30'.05 E  
 40° 26'.78 S 148° 30'.59 E.

Subsurface scientific instruments exist &gt;30m below the surface in the following positions:

40° 26'.91 S 148° 31'.12 E  
 40° 27'.05 S 148° 31'.66 E  
 40° 27'.18 S 148° 32'.20 E  
 40° 27'.31 S 148° 32'.74 E  
 40° 27'.44 S 148° 33'.27 E  
 40° 27'.58 S 148° 33'.81 E  
 40° 27'.71 S 148° 34'.35 E  
 40° 27'.84 S 148° 34'.89 E  
 40° 27'.97 S 148° 35'.43 E  
 40° 28'.11 S 148° 35'.96 E  
 40° 28'.24 S 148° 36'.50 E  
 40° 28'.37 S 148° 37'.04 E  
 40° 28'.50 S 148° 37'.58 E  
 40° 28'.64 S 148° 38'.12 E  
 40° 28'.77 S 148° 38'.65 E  
 40° 28'.90 S 148° 39'.19 E  
 40° 29'.03 S 148° 39'.73 E  
 40° 29'.16 S 148° 40'.27 E  
 40° 29'.30 S 148° 40'.81 E  
 40° 29'.43 S 148° 41'.35 E  
 40° 29'.56 S 148° 41'.88 E  
 40° 29'.69 S 148° 42'.42 E  
 40° 29'.82 S 148° 42'.96 E  
 40° 29'.96 S 148° 43'.50 E  
 40° 30'.09 S 148° 44'.04 E  
 40° 30'.22 S 148° 44'.58 E  
 40° 30'.35 S 148° 45'.12 E  
 40° 30'.48 S 148° 45'.65 E  
 40° 30'.61 S 148° 46'.19 E  
 40° 30'.75 S 148° 46'.73 E  
 40° 30'.88 S 148° 47'.27 E  
 40° 31'.01 S 148° 47'.81 E  
 40° 31'.14 S 148° 48'.35 E  
 40° 31'.27 S 148° 48'.89 E  
 40° 31'.40 S 148° 49'.40 E  
 40° 31'.52 S 148° 49'.90 E.

**Chart temporarily affected - Aus 487 - Aus 798 - Aus 800****1075(T)/2013 AUSTRALIA - TASMANIA - Georges Bay - Pelican Point - Dredging operations***Date* - Until 30 November 2013

Marine and Safety Tasmania Notice M105/2013 (AA702194)

SSAT *Dredge* is conducting dredging operations in the vicinity of Pelican Point (41° 17'.35 S 148° 19'.52 E).

A pipeline exists from a barge to the shore and mariners must pass the barge on the western side. All mooring anchors will be marked by buoys.

Vessels transiting the area must contact SSAT *Dredge* via VHF radio prior to transit as restrictions are in place.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 169**



**1076(T)/2013 AUSTRALIA - TASMANIA - Mercury Passage - Light buoy destroyed**  
Marine and Safety Tasmania Notice 99/2013 (AA700219)

The special light buoy, *Fl. Y. 4s* (42° 35'.34 S 147° 58'.41 E), has been destroyed.

**Chart temporarily affected - Aus 170 - Aus 766 - Aus 797**

## HYDROGRAPHIC REPORTS

| <i>Locality</i>             | <i>Report</i>            | <i>Ship/Authority</i>                         | <i>Observer</i> |
|-----------------------------|--------------------------|-----------------------------------------------|-----------------|
| PAPUA NEW GUINEA-<br>Alotau | Infrastructure; nav aids | HMAS <i>Paluma</i> and<br>HMAS <i>Mermaid</i> |                 |

**NAVIGATION WARNINGS**

*The following radio messages have been received during the period to 17 October 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**

240 Cancelled.  
 241 Cancelled.  
 242 Cancelled.  
 243 Cancelled.  
 244 Drill rig *Atwood Osprey* in position 20° 24'.5 S 114° 51'.0 E. 2.5M clearance requested.  
 245 Cancelled.  
 246 Tide gauge established in position 11° 12'.64 S 129° 42'.00 E marked by dan buoy with radar reflector and white flashing light.

**NAVAREA X WARNINGS**

056 Cancelled.  
 057 Green shipping container drifting SSE at 1.5kts in position 00° 03'.7 N 152° 25'.1 E at 150600 UTC Oct 13.

**Navigational warnings in force as at 170001UTC OCT 13.****Auscoast**

**2013** 024 099 134 217 220 224 230 234 236 237 238 244 246

**Navarea X**

**2013** 037 042 050 057

**Summary of mobile drilling rigs as at 170001UTC OCT 13.**

| <i>Name</i>           | <i>Position</i>            |
|-----------------------|----------------------------|
| Ensco 104             | 10° 01'.07 S 129° 27'.15 E |
| Noble Clyde Boudreaux | 13° 49'.00 S 123° 19'.35 E |
| Jack Bates            | 13° 24'.59 S 122° 59'.02 E |
| Transocean Legend     | 13° 19'.00 S 122° 16'.45 E |
| Atwood Eagle          | 19° 42'.41 S 115° 52'.53 E |
| Ensco 109             | 12° 40'.30 S 124° 32'.30 E |
| Atwood Falcon         | 20° 04'.23 S 115° 11'.00 E |
| Atwood Osprey         | 20° 24'.50 S 114° 51'.00 E |
| Deepwater Frontier    | 19° 49'.91 S 114° 34'.12 E |
| Nan Hai 6             | 21° 31'.20 S 114° 05'.10 E |

## NAVAREA XIV WARNINGS

074 Cancelled.  
 075 Cancelled.  
 076 Cancelled.  
 077 Cancelled.  
 078 Cancelled.  
 079 Cancelled.  
 080 Cancelled.  
 081 Cancelled.  
 082 Cancelled.  
 083 Cancelled.  
 084 Cancelled.  
 085 South Pacific Ocean. Tonga Trench. Underwater operations between 07 Oct and 20 Oct 2013 in areas bounded by:  
 17° 30'.0 S 172° 00'.0 W  
 17° 30'.0 S 174° 30'.0 W  
 19° 10'.0 S 174° 30'.0 W  
 19° 10'.0 S 172° 00'.0 W  
 and  
 19° 00'.0 S 172° 30'.0 W  
 19° 00'.0 S 175° 00'.0 W  
 21° 30'.0 S 175° 00'.0 W  
 21° 30'.0 S 172° 30'.0 W  
 and  
 21° 00'.0 S 173° 00'.0 W  
 21° 00'.0 S 177° 00'.0 W  
 25° 00'.0 S 177° 00'.0 W  
 25° 00'.0 S 173° 00'.0 W.

Navarea XIV warnings in force as at 170001UTC OCT 13.

2013 085