



9 September 2016

Edition 18

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

AUSTRALIAN NOTICES TO MARINERS

Notices 947 - 1011



Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN
Hydrographer of Australia

SECTIONS.

- I. Australian Notices to Mariners, including blocks and notes.
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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 notices relate to WGS84 which is the horizontal datum for all charts produced by the Australian Hydrographic Service.

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 datacentre@hydro.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/webapps/jsp/agents/agents-list.jsp). Copies of the notices may not be sold for profit without prior written agreement.

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947 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Service (AA911364)

New Charts

<i>Chart</i>	<i>Title and Geographical limits</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
Aus 247	Australia - East Coast - Queensland - Keppel Bay 22° 57'·60 S – 23° 46'·00 S 150° 44'·60 E – 151° 15'·20 E Plan: Rosslyn Bay 23° 09'·25 S – 23° 09'·95 S 150° 46'·97 E – 150° 47'·77 E	1:80 000 1:10 000	9 September 2016	Chart rescheme with vertical datum shift to LAT and general updating throughout; including coastline and new bathymetric data. Chart Aus 247 Edition 3 dated 12 May 2006 is now withdrawn from use.

New Electronic Navigation Chart (Aus ENC)

<i>Cell Name</i>	<i>Title</i>	<i>Publication Date</i>	<i>Remarks</i>
NIL			

New Editions and Withdrawn Charts

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
Aus 250 Edition 5	Australia - East Coast - Queensland - Plans of Hay Point and Mackay Harbour Plans: Hay Point Mackay	 1:15 000 1:10 000	9 September 2016	New edition incorporating new bathymetric data. Chart Aus 250 Edition 4 dated 5 June 2015 is now superseded and must be withdrawn from use.
Aus 732 Edition 3	Australia - North West Coast - Western Australia - Hall Point to Sunday Strait	1:150 000	9 September 2016	New edition incorporating new bathymetric data. Chart Aus 732 Edition 2 dated 4 April 2003 is now superseded and must be withdrawn from use.

Chart permanently withdrawn

Charts listed above as withdrawn no longer meet chart carriage requirements and should be marked as "superseded" and replaced with the new chart/ new edition listed prior to passage through the area covered by the new chart.

When placing orders with a chart agent between notice of forthcoming edition and its publication, mariners should advise whether their order pertains to the current edition or the new edition.

For further details refer to the AHS website at www.hydro.gov.au for new edition and new chart stock arrival information.

948 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2016

Australian Hydrographic Service (AA906172)

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Amend Anewa Bay To Chart Datum AUS 683 NE 26 AUG 2016 SUBTRACT 0.1

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Amend Burnie To Chart Datum AUS 163 NE 12 AUG 2016 SUBTRACT 0.1

949* AUSTRALIA - NEW SOUTH WALES - Batemans Bay - Bearing; chart note

NSW Roads and Maritime Services (SIRF2016006280)

Aus 191 (plan, Batemans Bay) [532/2012]

Amend legend to 279·6° 35° 43'.49 S 150° 14'.36 E

Aus 191 (plan, Batemans Bay Marina) [532/2012]

Substitute accompanying note 35° 43'.38 S 150° 11'.27 E

Amend legend to 279·6° 35° 43'.35 S 150° 13'.29 E

950* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Georges River - Light beacon

Port Authority of New South Wales (SIRF2016006234)

Aus 198 [862/2016]

Move	light beacon	34° 00'.20 S	151° 08'.39 E
	to	34° 00'.209 S	151° 08'.525 E

951* AUSTRALIA - NEW SOUTH WALES - Port Jackson - The Sound - Gowlland Bombora - Nav aids

NSW Roads and Maritime Services (SIRF2016006158)

Aus 201 [918/2016]

Insert	yellow black pillar buoy with west cardinal topmark	33° 48'.824 S	151° 16'.302 E
Move	buoy	33° 48'.86 S	151° 16'.49 E
	to	33° 48'.850 S	151° 16'.457 E
	light buoy	33° 48'.96 S	151° 16'.40 E
	to	33° 48'.952 S	151° 16'.396 E
Delete	buoy	33° 48'.85 S	151° 16'.32 E

952* AUSTRALIA - QUEENSLAND - Bundaberg - Light buoy northeastwards

Maritime Safety Queensland Notice 367/2016 (SIRF2016006254)

Aus 243 [747/2016]

Move	light buoy	24° 40'.3 S	152° 30'.1 E
	to	24° 40'.35 S	152° 29'.96 E
Delete	depth, 18 ₄ m	24° 40'.4 S	152° 30'.0 E

953* AUSTRALIA - QUEENSLAND - Cairncross Islets - Light

Australian Maritime Safety Authority Final ATH 67/2016 (SIRF2016006094)

Aus 835 [592/2016]

Amend	light range to 11M	11° 14'.4 S	142° 55'.2 E
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Aus 839 [547/2016]

Amend	light range to 11M	11° 14'.4 S	142° 55'.2 E
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Aus 4620 (INT 620) [386/2016]

Amend	light range to 11M	11° 14'.4 S	142° 55'.2 E
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Aus 4720 (INT 720) [813/2016]

Amend	light range to 11M	11° 14'.4 S	142° 55'.2 E
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954* AUSTRALIA - QUEENSLAND - Cape Moreton - Light

Australian Maritime Safety Authority Final ATH 71/2016 (SIRF2016006108)

Aus 235 [805/2016]

Amend	light range to 15M	27° 01'.9 S	153° 28'.0 E
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Aus 236 [805/2016]

Amend	light range to 15M	27° 01'.9 S	153° 28'.0 E
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Aus 814 [805/2016]

Amend	light range to 15M	27° 01'.9 S	153° 28'.0 E
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Aus 815 [805/2016]

Amend	light range to 15M	27° 01'.9 S	153° 28'.0 E
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Aus 4635 (INT 635) [337/2016]

Amend	light range to 15M	27° 01'.9 S	153° 28'.0 E
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Aus 4643 (INT 643) [337/2016]

Amend	light range to 15M	27° 01'.9 S	153° 28'.0 E
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955*

AUSTRALIA - QUEENSLAND - Hay Point to Mackay - VTS limits

Maritime Safety Queensland Notice 338/2016, 339/2016 (SIRF2016005784, SIRF2016005782)

Aus 249 [749/2016]

Insert	magenta dashed line with legend, <i>Hay Point VTS Limit (see Note)</i> , between	21° 20'.00 S	149° 17'.95 E
		21° 20'.00 S	149° 55'.00 E
		21° 06'.58 S	149° 55'.00 E
		21° 01'.85 S	149° 50'.00 E
		21° 01'.85 S	149° 32'.97 E
		21° 02'.96 S	149° 22'.06 E
		21° 03'.82 S	149° 22'.06 E
	magenta dashed line, between	21° 09'.57 S	149° 22'.06 E
		21° 09'.57 S	149° 20'.90 E
		21° 09'.91 S	149° 20'.06 E
	magenta legend, <i>Hay Point VTS Limit (see Note)</i> , centred on	21° 12'.04 S	149° 14'.20 E
	magenta legend, <i>Mackay VTS Limit (see Note)</i> , centred on	21° 11'.57 S	149° 14'.73 E
	magenta dashed line with legend, <i>Mackay VTS Limit (see Note)</i> , between	21° 02'.96 S	149° 22'.06 E
		21° 03'.83 S	149° 13'.50 E
	magenta legend, <i>Mackay VTS Limit (see Note)</i> , centred on	21° 05'.30 S	149° 21'.96 E
	accompanying HPVTSA note	21° 25'.6 S	149° 16'.3 E
	accompanying MVTSA note	21° 09'.8 S	149° 10'.5 E

Aus 251 [695/2016]

Insert	magenta dashed line with legend, <i>Hay Point VTS Limit (see Note)</i> , between	21° 03'.10 S	149° 22'.06 E
		21° 02'.96 S	149° 22'.06 E
		21° 01'.85 S	149° 32'.97 E
		21° 01'.85 S	149° 39'.50 E
	magenta dashed line	21° 03'.10 S	149° 20'.71 E
		21° 02'.96 S	149° 22'.06 E
	accompanying HPVTSA note	21° 01'.0 S	148° 50'.5 E

Aus 823 [337/2016]

Insert	magenta dashed line with legend, <i>Hay Point VTS Limit (see Note)</i> , between	21° 20'.00 S	149° 17'.95 E
		21° 20'.00 S	149° 55'.00 E
		21° 06'.58 S	149° 55'.00 E
		21° 01'.85 S	149° 50'.00 E
		21° 01'.85 S	149° 32'.97 E
		21° 02'.96 S	149° 22'.06 E
		21° 03'.82 S	149° 22'.06 E
	magenta dashed line, between	21° 09'.57 S	149° 22'.06 E
		21° 09'.57 S	149° 20'.90 E
		21° 09'.91 S	149° 20'.06 E
	magenta legend, <i>Hay Point VTS Limit (see Note)</i> , centred on	21° 12'.04 S	149° 14'.20 E
	magenta dashed line	21° 02'.96 S	149° 22'.06 E
		21° 03'.83 S	149° 13'.50 E
	magenta legend, <i>Mackay VTS Limit (see Note)</i> , centred on	21° 05'.30 S	149° 21'.96 E
	accompanying HPVTSA note	21° 37'.5 S	149° 11'.2 E
	accompanying MVTSA note	21° 27'.5 S	149° 11'.2 E

Aus 824 [384/2016]

Insert	magenta dashed line with legend, <i>Hay Point VTS Limit (see Note)</i> , between	21° 03'.82 S	149° 22'.06 E
		21° 02'.96 S	149° 22'.06 E
		21° 01'.85 S	149° 32'.97 E
		21° 01'.85 S	149° 50'.00 E
		21° 05'.30 S	149° 53'.64 E
	magenta dashed line with legend, <i>Mackay VTS Limit (see Note)</i> , between	21° 02'.96 S	149° 22'.06 E
		21° 03'.83 S	149° 13'.50 E
	accompanying HPVTSA note	20° 24'.5 S	148° 45'.0 E
	accompanying MVTSA note	20° 24'.5 S	148° 39'.6 E

956* AUSTRALIA - TORRES STRAIT - Arden Island - Light
 Australian Maritime Safety Authority Final ATH 66/2016 (SIRF2016006090)

Aus 297 [NC 7/10/2011]		
Amend	light range to 11M	9° 52'.1 S 143° 10'.2 E
Aus 837 [NE 23/10/2015]		
Amend	light range to 11M	9° 52'.1 S 143° 10'.2 E
Aus 839 [953/2016]		
Amend	light range to 11M	9° 52'.1 S 143° 10'.2 E
Aus 840 [523/2015]		
Amend	light range to 11M	9° 52'.1 S 143° 10'.2 E
Aus 4620 (INT 620) [953/2016]		
Amend	light range to 11M	9° 52'.1 S 143° 10'.2 E
Aus 4720 (INT 720) [953/2016]		
Amend	light range to 11M	9° 52'.1 S 143° 10'.2 E

957* AUSTRALIA - TORRES STRAIT - Dalrymple Islet - Light
 Australian Maritime Safety Authority Final ATH 70/2016 (SIRF2016006098)

Aus 377 [386/2016]		
Amend	light range to 11M	9° 36'.9 S 143° 17'.9 E
Aus 840 [956/2016]		
Amend	light range to 11M	9° 36'.9 S 143° 17'.9 E
Aus 4620 (INT 620) [956/2016]		
Amend	light range to 11M	9° 36'.9 S 143° 17'.9 E
Aus 4720 (INT 720) [956/2016]		
Amend	light range to 11M	9° 36'.9 S 143° 17'.9 E

958* AUSTRALIA - NORTHERN TERRITORY - Haul Round Island - Light
 Australian Maritime Safety Authority Final ATH 69/2016 (SIRF2016006095)

Aus 17 [NE 2/12/2011]		
Amend	light range to 11M	11° 53'.45 S 134° 12'.72 E
Aus 718 [343/2016]		
Amend	light range to 11M	11° 53'.5 S 134° 12'.7 E
Aus 4720 (INT 720) [957/2016]		
Amend	light range to 11M	11° 53'.5 S 134° 12'.7 E
Aus 4721 (INT 721) [813/2016]		
Amend	light range to 11M	11° 53'.5 S 134° 12'.7 E

959* AUSTRALIA - WESTERN AUSTRALIA - Ashburton Road - Anchorages; pilot boarding place
Chevron Australia Pty Ltd (SIRF2016006226, SIRF2016006318), Pilbara Ports Authority (SIRF2016006347)

Aus 64 [920/2016]

Insert	anchor berth, desig A1, with 0.22M radius swinging circle	21° 32'.31 S	114° 57'.45 E
	anchor berth, desig A2, with 0.22M radius swinging circle	21° 32'.32 S	114° 57'.94 E
	anchor berth, desig A4, with 0.22M radius swinging circle	21° 32'.78 S	114° 57'.45 E
	anchor berth, desig A5, with 0.22M radius swinging circle	21° 32'.78 S	114° 57'.94 E
	anchor berth, desig A3, with 0.22M radius swinging circle	21° 32'.32 S	114° 58'.43 E
	anchor berth, desig A6, with 0.22M radius swinging circle	21° 32'.79 S	114° 58'.43 E
	pilot boarding place with legend, B	21° 35'.84 S	115° 00'.50 E
Amend	legend to A	21° 26'.2 S	115° 06'.3 E
Delete	depth, 11.5m	21° 32'.4 S	114° 57'.9 E

Aus 743 [920/2016]

Amend	legend to A	21° 26'.2 S	115° 08'.0 E
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960* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Wapet Landing to Double Island - Light; navline
Chevron Australia Pty Ltd (SIRF2016006233)

Aus 62 [870/2016]

Move	light, Fl.6s 17m 5M	20° 44'.16 S	115° 29'.75 E
	to	20° 44'.14 S	115° 29'.72 E

Aus 65 [870/2016]

Move	light, Fl.6s 17m 5M	20° 44'.16 S	115° 29'.75 E
	to	20° 44'.14 S	115° 29'.72 E

Aus 67 [870/2016]

Move	light, Fl.6s 17m 5M	20° 44'.16 S	115° 29'.75 E
	to	20° 44'.138 S	115° 29'.722 E

961* AUSTRALIA - WESTERN AUSTRALIA - Dampier - Hamersley Channel - Light buoy
Pilbara Ports Authority Notice D17/2016 (SIRF2016006244)

Aus 58 [755/2016]

Insert	east cardinal pillar light buoy, Q(3)10s, with topmark	20° 37'.288 S	116° 41'.054 E
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Aus 60 [1146/2015]

Insert	east cardinal pillar light buoy, Q(3)10s, with topmark	20° 37'.288 S	116° 41'.054 E
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962* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Arthur Head - Lights
Department of Transport WA (SIRF2016005981)

Aus 113 [873/2016]

Insert	light, F.R, with legend, Dn	32° 03'.300 S	115° 44'.261 E
Substitute	light, Fl.Y.3s, with legend Dn, for dolphin	32° 03'.31 S	115° 44'.21 E
	light, Fl.Y.3s, with legend Dn, for dolphin	32° 03'.31 S	115° 44'.24 E
	dolphin, for light, Fl.Y.3s with legend Dn	32° 03'.29 S	115° 44'.27 E
Delete	light	32° 03'.30 S	115° 44'.27 E

963* AUSTRALIA - VICTORIA - Port Phillip - Hobsons Bay - Melbourne Channel - Topmark
Port of Melbourne Corporation Notice 234(T)/2016 (SIRF2016006004)

Aus 155 [821/2016]

Insert	starboard lateral topmark	37° 52'.07 S	144° 55'.77 E
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964* AUSTRALIA - TASMANIA - Devonport - Maintained depths
 Marine and Safety Tasmania Notice M144/2016 (SIRF2016006079)

Aus 164 (plan, Devonport) [1195/2015]

Insert	dashed line, between	41° 10'.915 S	146° 21'.955 E
		41° 10'.926 S	146° 21'.829 E
Amend	legend to <i>Dredged to 9.2m (2016)</i>	41° 10'.16 S	146° 22'.03 E
	legend to <i>Dredged to 8.4m (2016)</i>	41° 11'.07 S	146° 21'.87 E
	maintained depth to <i>5.7m</i>	41° 10'.81 S	146° 21'.94 E
	maintained depth to <i>7.6m</i>	41° 10'.91 S	146° 21'.97 E
	maintained depth to <i>8.9m</i>	41° 10'.98 S	146° 21'.79 E
	maintained depth to <i>8.5m</i>	41° 11'.20 S	146° 21'.82 E

965(T)/2016 AUSTRALIA - NEW SOUTH WALES - Batemans Bay - Dredging operations

H Smith (SIRF2016006358)

Dredging operations of the Clyde River bar are in progress between positions 35° 43'.21 S 150° 12'.25 E and 35° 42'.17 S 150° 10'.74 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 191**966(T)/2016 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Munganno Point - Berth damaged**

Port Authority of New South Wales Notice PA6/2016, PA8/2016 (SIRF2016004991, SIRF2016006237)

The Wood Chip Berth (37° 06'.08 S 149° 55'.62 E) has been damaged.

Debris exists in two areas marked by unlit white buoys bounded by the following positions:

37° 06'.02 S 149° 55'.66 E

37° 06'.06 S 149° 55'.65 E

37° 06'.03 S 149° 55'.61 E;

and

37° 06'.09 S 149° 55'.63 E

37° 06'.10 S 149° 55'.65 E

37° 06'.18 S 149° 55'.62 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 192**967(T)/2016 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Munganno Point - Berth damaged***Former Notice* - 656(T)/2016 is cancelled

Port Authority of New South Wales Notice PA0616 (SIRF2016004991)

Cancel this notice on receipt.

Chart formerly affected - Aus 192**968(T)/2016 AUSTRALIA - QUEENSLAND - Bowen - Harbour works***Date* - Until 20 September 2016

Maritime Safety Queensland Notice 380(T)/2016 (SIRF2016006394)

Harbour works including construction and diving operations are in progress between positions 20° 01'.35 S 148° 15'.39 E and 20° 01'.15 S 148° 15'.40 E.

Barges *PMG 122*, *PMG Swordfish* and vessel *Titan* are on site and will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 268**969(T)/2016 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Scientific instruments**

Maritime Safety Queensland Notice 378(T)/2016 (SIRF2016006385)

Scientific instruments marked by special light buoys, *Fl. Y.5s*, exist in the following positions:

27° 26'.42 S 153° 03'.77 E

27° 26'.42 S 153° 03'.65 E

27° 26'.39 S 153° 03'.44 E

27° 26'.38 S 153° 03'.31 E.

Chart temporarily affected - Aus 238

970(T)/2016 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Light buoy repositioned

Maritime Safety Queensland Notice 359(T)/2016 (SIRF2016006180)

Due to dredging operations the east cardinal light buoy, *Fl(3)8s* (27° 56'.18 S 153° 25'.32 E), has been repositioned to 27° 56'.14 S 153° 25'.38 E.

Chart temporarily affected - Aus 230

971(P)/2016 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Shoaling

Maritime Safety Queensland (SIRF2016006051)

Latest survey shows shoaler depths than those charted may exist in the area of Ship Channel (25° 10'.0 S 152° 52'.3 E) and Great Sandy Strait (25° 19'.5 S 153° 00'.7 E).

Charts will updated in due course.

Chart which will be affected - Aus 241 - Aus 817

972(T)/2016 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed

Former Notice - 892(T)/2016 is cancelled

Maritime Safety Queensland Notice 348(T)/2016 (SIRF2016005909)

Cancel this notice on receipt.

Chart formerly affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 820 - Aus 822

973(T)/2016 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing

Date - Until 9 November 2016

Maritime Safety Queensland Notice 299(T)/2016 (SIRF2016005013)

Live firing will be conducted in the Shoalwater Bay training area during the period 15 September to 8 November 2016.

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

22° 12'.28 S 150° 22'.50 E
 22° 14'.76 S 150° 20'.31 E
 22° 23'.84 S 150° 18'.02 E
 22° 24'.75 S 150° 17'.35 E
 22° 35'.87 S 150° 28'.80 E
 22° 40'.00 S 150° 38'.00 E
 22° 37'.35 S 150° 43'.83 E
 22° 18'.98 S 150° 33'.98 E
 22° 16'.19 S 150° 39'.47 E
 22° 14'.38 S 150° 37'.00 E
 22° 09'.00 S 150° 37'.00 E
 22° 09'.00 S 150° 25'.00 E
 22° 12'.28 S 150° 22'.50 E.

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

There will be safe anchorages available at Freshwater, Port Clinton, West Water Port Clinton, South Arm Port Clinton, Pearl Bay and Island Head Creek.

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

Chart temporarily affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 820 - Aus 822

974(T)/2016 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations

Maritime Safety Queensland Notice 372(T)/2016 (SIRF2016006323)

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 257 - Aus 827

975(T)/2016 PAPUA NEW GUINEA - Buka Passage - Light unlit*Former Notice* - 607(T)/2016 is cancelled

National Maritime Safety Authority PNG Notice 24(T)/2016 (SIRF2016004491)

The light, *Fl.10s 137m 16M* (5° 27'.63 S 154° 38'.06 E), is unlit.**Chart temporarily affected - Aus 397 - Aus 399 - Aus 684 - Aus 4060 (INT 60) - Aus 4604 (INT 604) - Aus 4622 (INT 622)****976(T)/2016 PAPUA NEW GUINEA - Cape Nelson - Daia Point - Light relit***Former Notice* - 79(T)/2016 is cancelled

National Maritime Safety Authority PNG Notice 40/2016 (SIRF2016006140)

Cancel this notice on receipt.

Chart formerly affected - Aus 520 - Aus 4620 (INT 620) - Aus 4621 (INT 621) - AX 04620U - AX 04621S - AX 04621U**977(T)/2016 PAPUA NEW GUINEA - Dampier Strait - Nessup Channel - Light buoy restored***Former Notice* - 748(T)/2015 is cancelled

National Maritime Safety Authority PNG Notice 29/2016 (SIRF2016005992, SIRF2016006105)

Cancel this notice on receipt.

Chart formerly affected - Aus 673**978(T)/2016 PAPUA NEW GUINEA - Hibwa Island - Light beacon relit***Former Notice* - 772(T)/2016 is cancelled

National Maritime Safety Authority PNG Notice 41/2016 (SIRF2016006140)

Cancel this notice on receipt.

Chart formerly affected - Aus 508 - Aus 628**979(T)/2016 PAPUA NEW GUINEA - Huon Gulf - Lae to Tami Islands - Survey operations***Date* - Until 31 December 2017

National Maritime Safety Authority PNG Notice 45(T)/2016 (SIRF2016006349)

Survey vessel *Harbour Surveyor* and an AUV are conducting survey operations in an area bounded by the following positions:

6° 45'.4 S 147° 58'.0 E

6° 45'.6 S 147° 02'.5 E

6° 44'.1 S 147° 02'.5 E

6° 44'.4 S 147° 01'.4 E

6° 47'.2 S 146° 57'.7 E

6° 47'.2 S 147° 01'.0 E

6° 46'.2 S 147° 01'.0 E

6° 46'.2 S 147° 59'.2 E.

Chart temporarily affected - Aus 523 - Aus 642 - Aus 643**980(T)/2016 PAPUA NEW GUINEA - Oro Bay - Light unlit**

National Maritime Safety Authority PNG Notice 42(T)/2016 (SIRF2016006349)

The light, *Fl.3s 119m 18M* (8° 54'.19 S 148° 28'.38 E), is unlit.**Chart temporarily affected - Aus 521 - Aus 644 - Aus 4620 (INT 620) - Aus 4621 (INT 621)**

981(T)/2016 PAPUA NEW GUINEA - Port Moresby - Fairfax Harbour - Dredging operations*Date - Until 14 February 2017*

National Maritime Safety Authority PNG Notice 44(T)/2016 (SIRF2016006349)

Dredging operations are in progress in Fairfax Harbour (9° 25'.82 S 147° 06'.72 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 621 - Aus 622**982(T)/2016 PAPUA NEW GUINEA - Rabaul - Light unlit**

National Maritime Safety Authority PNG Notice 43(T)/2016 (SIRF2016006349)

The light, *Fl.2s 28m 9M* (4° 11'.94 S 152° 10'.13 E), is unlit.**Chart temporarily affected - Aus 680****983(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - Fishermans Wharf - Light relit***Former Notice - 676(T)/2016 is cancelled*

Department of Transport NT Notice 77(T)/2016 (SIRF2016006174)

Cancel this notice on receipt.

Chart formerly affected - Aus 24 - Aus 26 - Aus 28**984(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - Middle Passage - Light buoy relit***Former Notice - 718(T)/2016 is cancelled*

Department of Transport NT Notice 77(T)/2016 (SIRF2016006174)

Cancel this notice on receipt.

Chart formerly affected - Aus 26**985(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Ashburton - Harbour works***Date - Until 2 October 2016*

Pilbara Ports Authority Notice A11/2016 (SIRF2016006376)

Harbour works including construction and diving operations are in progress in an area bounded by the following positions;

21° 40'.70 S 115° 00'.35 E

21° 40'.68 S 115° 00'.47 E

21° 40'.28 S 115° 00'.27 E

21° 40'.28 S 115° 00'.06 E

21° 40'.45 S 115° 00'.06 E

21° 40'.67 S 115° 00'.31 E.

Vessels *WestSea09*, *Blackjack*, *AMS Shine* and *Pegasus V* are on site.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 69**986(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Ashburton Road - Anchorages; pilot boarding place; recommended track; pilotage area***Former Notice - 87(T)/2016 is cancelled*

Chevron Australia Pty Ltd (SIRF2016006226)

Cancel this notice on receipt.

Chart formerly affected - Aus 64 - Aus 69 - Aus 743

987(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards moved

Former Notice - 899(T)/2016 is cancelled
 Quadrant Energy (SIRF2016006320)

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 742 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

988(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Teggs Channel - Obstruction

Department of Transport WA Notice 85/2016 (SIRF2016006344)

An obstruction exists in position 24° 54'.40 S 113° 38'.38 E.

Chart temporarily affected - Aus 73

989(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Exmouth - Harbour works

Date - Until 31 May 2017

Department of Transport WA Notice 89/2016 (SIRF2016006354)

Harbour works associated with the upgrade of the service wharf and modification of the southern breakwater are in progress in Exmouth Boat Harbour (21° 57'.39 S 114° 08'.54 E).

Works will be in an area marked by special light buoys, Q.Y. Unlit piles exist in the works area.

The barge *Semp* and support vessels are on site.

The port lateral light beacon, *Fl.R.3s* (21° 57'.43 S 114° 08'.54 E), has been temporarily removed and replaced with a port buoy.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 72

990(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Swan River - Wreck

Department of Transport WA Notice 84/2016 (SIRF2016006343)

A wreck exists in position 32° 02'.14 S 115° 45'.73 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 112 - Aus 113

991(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Jurien Bay - Dredging operations

Date - Until 15 December 2016

Department of Transport WA Notice 88/2016 (SIRF2016006353)

The dredge *Cooper II* is conducting dredging operations in the entrance to Jurien Boat Harbour (30° 17'.3 S 115° 02'.4 E).

A pipeline marked by orange buoys and lights is connected to the dredge.

The dredge will display appropriate lights and shapes.

Mariners are required to contact the dredge on VHF Ch 16 and Ch 21 or 27 MHz Ch 88 and Ch 91 prior to passing the dredge and are advised to navigate with caution in the area.

Chart temporarily affected - Aus 84

992(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards moved

Former Notice - 520(T)/2016 is cancelled

Woodside Energy Ltd (SIRF2016006183)

Cancel this notice on receipt.

Chart formerly affected - Aus 328 - Aus 4723 (INT 723)

993(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Gas field to be decommissioned northwestwards

Woodside Energy Ltd (SIRF2016006339)

Vessel *SapuraKencana Constructor* and support vessels *Maersk Supporter* and *Go Capella* are on site assisting with the removal of the *Balnaves* field (20° 03'.5 S 115° 11'.5 E).

Chart temporarily affected - Aus 328 - Aus 4723 (INT 723)

994(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Hunt Point - Silt curtain removed

Former Notice - 422(T)/2016 is cancelled

Pilbara Ports Authority Notice PH10(T)/2016 (SIRF2016006252)

Cancel this notice on receipt.

Chart formerly affected - Aus 54

995(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Pipeline removed

Former Notice - 273(T)/2016 is cancelled

Pilbara Ports Authority Notice PH10(T)/2016 (SIRF2016006252)

Cancel this notice on receipt.

Chart formerly affected - Aus 52 - Aus 54

996(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Hunt Point - Dredging operations

Former Notice - 942(T)/2016 is cancelled

Date - Until 7 November 2016

Pilbara Ports Authority Notice PH9(T)/2016 (SIRF2016006216)

Vessel *Daintree* is conducting survey operations and the dredge *FT3*, barges and support vessels *Quenda* and *Wiabuna* are conducting dredging operations in the vicinity of position 20° 18'.20 S 118° 34'.36 E.

Vessels will monitor VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 52 - Aus 53 - Aus 54

997(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Drill rig northeastwards

Date - Until 3 December 2016

Woodside Energy Ltd (SIRF2016006183)

Drill rig *Ocean Apex* is conducting drilling operations in position 19° 32'.42 S 116° 10'.85 E.

Chart temporarily affected - Aus 327 - Aus 4723 (INT 723)

998(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Varanus Island - Drill rig northeastwards

Quadrant Energy (SIRF2016006320)

Drill rig *Noble Tom Prosser* is conducting drilling operations in position 20° 36'.13 S 115° 36'.85 E.

Chart temporarily affected - Aus 62 - Aus 327 - Aus 742 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

999(T)/2016 INDIAN OCEAN - Southeast Indian Ridge - Underwater operations completed

Former Notice - 583(T)/2016 is cancelled

Australian Maritime Safety Authority CAN NAVX 33/2016 (SIRF2016006396)

Cancel this notice on receipt.

Chart formerly affected - Aus 4070 (INT 70) - Aus 4074 (INT 74) - Aus 4710 (INT 710) - Aus 4714 (INT 714)

1000(T)/2016 AUSTRALIA - SOUTH AUSTRALIA - Glenelg - Shoaling; dredging operations

Department of Planning, Transport and Infrastructure SA Notice 23/2016 (SIRF2016006399)

Shoaling exists in the entrance channel to Holdfast Shores (34° 58'.42 S 138° 30'.51 E) and Adelaide Shores (34° 57'.39 S 138° 30'.19 E).

Dredging operations are in progress in the areas.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 125**1001(T)/2016 AUSTRALIA - VICTORIA - Lakes Entrance - Dredging operations**

Date - Until 21 October 2016

Gippsland Ports Notice 260(T)/2016 (SIRF2016006409)

The dredge *Pelican* is conducting dredging operations on the entrance bar to Lakes Entrance (37° 53'.54 S 147° 58'.52 E).

The dredge will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are required to contact the dredge on VHF Ch 16 prior to passing the dredge and are advised to navigate with caution in the area.

Chart temporarily affected - Aus 182**1002(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Port Lonsdale - Light beacon unlit**

Parks Victoria Notice 249(T)/2016 (SIRF2016006232)

The special light beacon, *Fl.Y.5s* (38° 16'.87 S 144° 37'.74 E), is unlit.

Chart temporarily affected - Aus 144 - Aus 158**1003(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Webb Dock - Light beacon altered**

Port of Melbourne Corporation Notice 237(T)/2016 (SIRF2016006063)

The starboard lateral light beacon, *F.G & Fl.G.5s No81* (37° 51'.06 S 144° 54'.75 E), has been temporarily altered to *Fl.G.5s*.

Chart temporarily affected - Aus 154**1004(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light beacon unlit**

Parks Victoria Notice 242(T)/2016 (SIRF2016006185)

The port lateral light beacon, *Q.R* (38° 05'.76 S 144° 24'.77 E), is unlit.

Chart temporarily affected - Aus 157**1005(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Portarlington - Light buoys**

Parks Victoria Notice 238(T)/2016 (SIRF2016006076)

Light buoys exist as follows:

<i>Position</i>	<i>Remarks</i>
38° 06'.62 S 144° 39'.26 E	Port lateral, <i>Fl.R.6s</i>
38° 06'.64 S 144° 39'.23 E	Starboard lateral, <i>Fl.G.6s</i>

Chart temporarily affected - Aus 157

1006(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Rippleside Pier - Harbour works*Date* - Until 31 October 2016

Victorian Regional Channels Authority Notice 256/2016 (SIRF2016006403)

Harbour works associated with the construction of the new Balmoral Quay are in progress, which involves demolition and construction of Rippleside Pier (38° 07'.57 S 144° 21'.60 E).

A 15m exclusion zone exists around the pier.

Mariners are advised to keep clear and navigate with caution in the area.

Chart temporarily affected - Aus 153**1007(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Altona - Dredging operations***Date* - Until 15 October 2016

Parks Victoria Notice 261(T)/2016 (SIRF2016006460)

Dredging operations are in progress in the boat harbour (37° 52'.01 S 144° 50'.98 E).

All hazards to navigation will be marked by flashing yellow lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 155**1008(T)/2016 AUSTRALIA - VICTORIA - Shoal Inlet - Light relit***Former Notice* - 909(T)/2016 is cancelled

Maritime Safety Victoria Notice 239(T)/2016 (SIRF2016006106)

Cancel this notice on receipt.

Chart formerly affected - Aus 181 - Aus 357 - Aus 487**1009(T)/2016 AUSTRALIA - TASMANIA - Bruny Island - Adventure Bay - Scientific instruments southeastwards***Date* - Until 30 June 2017

Marine and Safety Tasmania Notice M139/2016 (SIRF2016005964)

Subsurface scientific instruments marked by orange buoys exist in the following positions:

43° 22'.66 S 147° 35'.69 E

43° 23'.33 S 147° 35'.60 E

43° 18'.59 S 147° 22'.73 E

43° 18'.16 S 147° 22'.78 E

43° 22'.40 S 147° 36'.01 E.

Chart temporarily affected - Aus 173 - Aus 795 - Aus 796**1010(T)/2016 AUSTRALIA - TASMANIA - Eddystone Point - Scientific instruments southeastwards***Date* - Until 30 June 2017

Marine and Safety Tasmania Notice M139/2016 (SIRF2016005964)

Four subsurface scientific instruments marked by orange buoys exist in the vicinity of each of the following positions:

41° 01'.97 S 148° 30'.58 E

41° 02'.28 S 148° 21'.52 E.

Chart temporarily affected - Aus 767 - Aus 798

1011(T)/2016 AUSTRALIA - TASMANIA - Flying Cloud Point - Scientific instruments westwards

Date - Until 30 June 2017

Marine and Safety Tasmania Notice M139/2016 (SIRF2016005964)

Four subsurface scientific instruments marked by orange buoys exist in the vicinity of each of the following positions:

43° 27'.50 S 145° 58'.12 E

43° 27'.92 S 145° 54'.42 E.

Chart temporarily affected - Aus 793

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
NSW- Batemans Bay	Dredging operations		H Smith

III

NAVIGATION WARNINGS

The Australian Hydrographic Service will no longer compile Section III of the Australian Notices to Mariners. For the most up to date navigation warnings please refer to:

AMSA Navigation Warnings

<http://amsa.gov.au/search-and-rescue/distress-and-safety-comms/msi/msi-email/index.asp>

New Zealand Notices to Mariners (Navarea XIV warnings)

<http://www.linz.govt.nz/sea/maritime-safety/notices-mariners>

To accompany Australian Notice to Mariners 949/2016

LEADS

The leads may be moved up to 6.7° either side of the mid bearing 279.6° to meet changes in the bar.

Note for chart Aus 191

To accompany Australian Notice to Mariners 955/2016

HAY POINT VESSEL TRAFFIC SERVICES
AREA

Ships are to contact Hay Point Vessel Traffic Services (call sign Hay Point VTS) on VHF channel 10 two hours prior to and when entering and departing the Hay Point Vessel Traffic Services Area.

Note for chart Aus 249

To accompany Australian Notice to Mariners 955/2016

MACKAY VESSEL TRAFFIC SERVICES AREA
Ships are to contact Mackay Vessel Traffic Services (call sign Mackay VTS) on VHF channel 10 two hours prior to and when entering and departing the Mackay Vessel Traffic Services Area.

Note for chart Aus 823

To accompany Australian Notice to Mariners 955/2016

MACKAY VESSEL TRAFFIC SERVICES AREA
Ships are to contact Mackay Vessel Traffic Services (call sign Mackay VTS) on VHF channel 10 two hours prior to and when entering and departing the Mackay Vessel Traffic Services Area.

Note for chart Aus 824

To accompany Australian Notice to Mariners 955/2016

MACKAY VESSEL TRAFFIC SERVICES AREA
Ships are to contact Mackay Vessel Traffic Services (call sign Mackay VTS) on VHF channel 10 two hours prior to and when entering and departing the Mackay Vessel Traffic Services Area.

Note for chart Aus 249

To accompany Australian Notice to Mariners 955/2016

HAY POINT VESSEL TRAFFIC SERVICES
AREA

Ships are to contact Hay Point Vessel Traffic Services (call sign Hay Point VTS) on VHF channel 10 two hours prior to and when entering and departing the Hay Point Vessel Traffic Services Area.

Note for chart Aus 251

To accompany Australian Notice to Mariners 955/2016

HAY POINT VESSEL TRAFFIC SERVICES
AREA
Ships are to contact Hay Point Vessel Traffic Services (call sign Hay Point VTS) on VHF channel 10 two hours prior to and when entering and departing the Hay Point Vessel Traffic Services Area.

Note for chart Aus 823

To accompany Australian Notice to Mariners 955/2016

HAY POINT VESSEL TRAFFIC SERVICES
AREA
Ships are to contact Hay Point Vessel Traffic Services (call sign Hay Point VTS) on VHF channel 10 two hours prior to and when entering and departing the Hay Point Vessel Traffic Services Area.

Note for chart Aus 824