



AUSTRALIAN NOTICES TO MARINERS

Notices 1004 - 1053



*The Hydrographer and Staff of the Australian Hydrographic Service
wish all users of Australian Navigational Products a Merry Christmas,
a Happy New Year and safe, successful voyages in 2018.*



Published fortnightly by the Australian Hydrographic Service

Australian Notices to Mariners are the authority for correcting charts and publications published by the Australian Hydrographic Service covering Australia, Papua New Guinea, Solomon Islands, Australian Antarctic Territory and Timor-Leste.

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.

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.

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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1004 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts
UKHO , Australian Hydrographic Service

New Charts

<i>Chart</i>	<i>Title and Geographical limits</i>	<i>Scale</i>	<i>Publication Date</i>	<i>Remarks</i>
NIL				

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>
NIL				

Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP281(2)	Admiralty List of Radio Signals. Maritime Radio Stations. The Americas, Far East and Oceania.	30/11/2017	The 2016/17 Edition is cancelled.
NP33	Philippine Islands Pilot. Sixth Edition 2017.	07/12/2017	The NP33 Fifth Edition 2014 is cancelled.

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.

1005 AUSTRALIA - Product - Amendment to Seafarers Handbook for Australian Waters - 4th Edition

Department of Agriculture and Water Resources , Australian Bureau of Meteorology , Royal Australian Navy

Chapter 9 – Meteorological Broadcasts - paragraph 9.4 page 151

Replace table with accompanying block

Chapter 9 – Marine Radio - Voice - paragraph 9.4.1 page 151

Replace table with accompanying block

Chapter 9 – Forecasts and Warnings - pages 154 to 155

Replace with accompanying pages

Chapter 11 – MARs reporting - pages 209 to 213

Replace with accompanying pages

Chapter 11 – Torres Strait Quarantine Zone - page 221

Replace with accompanying page

Chapter 11 – Australian Defence Force contacts - paragraph 11.11.7 - page 231

Replace table with accompanying block

1006 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Kogarah Bay - Light beacon
NSW Roads and Maritime Services

Aus 198 [198/2017]

Insert	starboard lateral light beacon, <i>Fl.G.3s</i> , without topmark	34° 00'.067 S	151° 07'.257 E
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1007 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Mort Bay - Depths
Port Authority of New South Wales

Aus 202 [954/2017]

Insert	contour, between	33° 51'.349 S	151° 11'.287 E
		33° 51'.365 S	151° 11'.312 E
		33° 51'.368 S	151° 11'.361 E
		33° 51'.356 S	151° 11'.390 E
	depth, <i>1₃m</i> , semi enclosed by contour to N	33° 51'.097 S	151° 11'.427 E
Replace	depth, <i>3₉m</i> , with depth, <i>1₃m</i>	33° 51'.36 S	151° 11'.29 E
Delete	contour, between	33° 51'.40 S	151° 11'.36 E
		33° 51'.36 S	151° 11'.39 E

1008 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Clarkes Point to Lane Cove River - Depths

Port Authority of New South Wales

Aus 200 [770/2017]

Insert	depth, 1 ₈ m, and extend contour N to enclose	33° 49'.829 S	151° 09'.065 E
	depth, 1 ₄ m, and extend contour SW to enclose	33° 50'.077 S	151° 09'.851 E
	contour, between	33° 50'.597 S	151° 10'.580 E
		33° 50'.560 S	151° 10'.590 E
		33° 50'.503 S	151° 10'.554 E
	33° 50'.510 S	151° 10'.640 E	
Delete	depth, 2 ₁ m	33° 49'.83 S	151° 09'.08 E
	depth, 2 ₉ m	33° 50'.13 S	151° 09'.86 E
	contour, between	33° 50'.60 S	151° 10'.58 E
		33° 50'.42 S	151° 10'.48 E
		33° 50'.51 S	151° 10'.64 E

Aus 202 [1007/2017]

Insert	depth, 2 ₂ m	33° 50'.130 S	151° 09'.843 E
	depth, 1 ₄ m, enclosed by contour	33° 50'.077 S	151° 09'.851 E
	depth, 1 ₄ m, and extend contour S to enclose	33° 50'.170 S	151° 10'.110 E
	contour, between	33° 50'.597 S	151° 10'.580 E
		33° 50'.560 S	151° 10'.590 E
		33° 50'.503 S	151° 10'.554 E
	33° 50'.510 S	151° 10'.640 E	
	depth, 2m, enclosed by danger circle, with legend <i>Obstn</i>	33° 50'.357 S	151° 10'.788 E
Delete	depth, 2 ₉ m	33° 50'.13 S	151° 09'.86 E
	depth, 0 ₇ m	33° 50'.16 S	151° 10'.11 E
	contour, between	33° 50'.60 S	151° 10'.58 E
		33° 50'.42 S	151° 10'.48 E
		33° 50'.51 S	151° 10'.64 E
	depth, 11 ₂ m	33° 50'.50 S	151° 10'.57 E
	depth, 3m	33° 50'.08 S	151° 09'.87 E

Aus 203 [813/2017]

Insert	depth, 1 ₈ m, and extend contour N to enclose	33° 49'.829 S	151° 09'.065 E
	depth, 2 ₂ m	33° 50'.130 S	151° 09'.843 E
	depth, 1 ₄ m, enclosed by contour	33° 50'.077 S	151° 09'.851 E
	depth, 1 ₄ m, and extend contour S to enclose	33° 50'.170 S	151° 10'.110 E
Delete	depth, 2 ₁ m	33° 49'.83 S	151° 09'.08 E
	depth, 2 ₉ m	33° 50'.13 S	151° 09'.86 E

1009 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Depths

Port Authority of New South Wales

Aus 194 [771/2017]

Insert	accompanying block	34° 27'.15 S	150° 53'.70 E
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1010 AUSTRALIA - QUEENSLAND - Gladstone - Golding Channel - Nav aids

Maritime Safety Queensland

Aus 244 [775/2017]

Amend	light to, <i>F.Bu (F Day)</i>	23° 51'.27 S	151° 18'.74 E
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Aus 245 [815/2017]

Replace	beacon, with light beacon, <i>F.Bu & Fl.R.4s (F Day)</i> , with port lateral topmark	23° 51'.87 S	151° 19'.80 E
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Aus 246 [775/2017]

Replace	beacon, with light beacon, <i>F.Bu & Fl.R.4s (F Day)</i> , with port lateral topmark	23° 51'.87 S	151° 19'.80 E
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1011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Light buoy
Gold Coast Waterways Authority

Aus 230 [852/2017]

Replace	light beacon, with starboard lateral conical light buoy, <i>Fl.G.3s</i> , without topmark	27° 55'.81 S	153° 24'.43 E
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1012 AUSTRALIA - QUEENSLAND - Hall Point - Wreck eastwards
Australian Hydrographic Service

Aus 258 (plan, Gladys Inlet to King Reefs) [34/2016]

Insert	depth, 21 ₄ <i>m</i> , enclosed by danger circle with legend <i>Wk</i>	17° 35'.90 S	146° 12'.91 E
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Aus 829 [1174/2016]

Insert	depth, 21 ₄ <i>m</i> , enclosed by danger circle with legend <i>Wk</i>	17° 35'.90 S	146° 12'.91 E
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1013* AUSTRALIA - QUEENSLAND - Swain Reefs - Nomenclature
Great Barrier Reef Marine Park Authority

Aus 367 [403/2017]

Insert	name <i>Don Kinsey Reef</i> , centred on	21° 59'.50 S	152° 36'.50 E
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1014 AUSTRALIA - TORRES STRAIT - Ellis Channel - Hovell Bar - Depths
Maritime Safety Queensland

Aus 293 [896/2017]

Insert	accompanying block	10° 35'.0 S	142° 15'.5 E
	accompanying chart note	10° 23'.80 S	142° 21'.10 E

Aus 299 [896/2017]

Insert	accompanying chart note	10° 33'.57 S	142° 12'.95 E
	accompanying block	10° 34'.20 S	142° 15'.40 E

1015 AUSTRALIA - WESTERN AUSTRALIA - Cambridge Gulf - Cawston Bay - Depth
CGL Wyndham Port

Aus 32 [NE 11/8/2017]

Replace	depth, 9 ₄ <i>m</i> , with depth, 6 <i>m</i>	15° 05'.8 S	128° 06'.4 E
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1016 AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Southern Harbour - Infrastructure
Fremantle Ports

Aus 114 [94/2017]

Insert	continuous line, between	32° 09'.317 S	115° 45'.953 E
		32° 09'.317 S	115° 45'.941 E
		32° 09'.306 S	115° 45'.941 E
		32° 09'.306 S	115° 45'.955 E

Delete	continuous line, between	32° 09'.32 S	115° 45'.95 E
		32° 09'.31 S	115° 45'.96 E

1017 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Pilot boarding place

Pilbara Ports Authority Notice D15/2017

Aus 58 [362/2017]

Move	pilot boarding place	20° 28'.60 S	116° 44'.25 E
	to	20° 28'.600 S	116° 44'.300 E
	pilot boarding place	20° 38'.50 S	116° 38'.98 E
	to	20° 38'.500 S	116° 39'.000 E

Aus 60 [780/2017]

Move	pilot boarding place	20° 38'.50 S	116° 38'.98 E
	to	20° 38'.500 S	116° 39'.000 E

1018 AUSTRALIA - WESTERN AUSTRALIA - Point Murat - Depths; infrastructure

Australian Hydrographic Service

Aus 72 (plan, Mauds Landing) [604/2017]

Insert	accompanying block B	23° 08'.70 S	113° 48'.80 E
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Aus 72 (plan, Point Murat Wharf) [604/2017]

Insert	accompanying block A	21° 49'.05 S	114° 11'.70 E
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1019 INDIAN OCEAN - Christmas Island - Flying Fish Cove - Mooring buoys

LINX Cargo Care Group

Aus 920 (plan, Flying Fish Cove) [551/2016]

Insert	accompanying block	10° 25'.6 S	105° 40'.1 E
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Delete	lit radio tower	10° 25'.99 S	105° 41'.07 E
	lit radio tower	10° 25'.99 S	105° 41'.11 E

1020 INDIAN OCEAN - North Australian Basin - Light buoy moved

Australian Bureau of Meteorology

Aus 4603 (INT 603) [821/2017]

Move	light buoy	15° 01'.4 S	117° 56'.7 E
	to	15° 01'.2 S	118° 04'.4 E

Aus 4722 (INT 722) [731/2017]

Move	light buoy	15° 01'.4 S	117° 56'.7 E
	to	15° 01'.2 S	118° 04'.4 E

1021 INDIAN OCEAN - Roo Rise - Light buoy

Australian Bureau of Meteorology

Aus 4708 (INT 708) [696/2017]

Insert	special conical light buoy, <i>Fl. Y. 2s</i> , without topmark	14° 02'.8 S	110° 01'.7 E
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Delete	light buoy	13° 59'.3 S	110° 00'.3 E
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Aus 4723 (INT 723) [968/2017]

Insert	special conical light buoy, <i>Fl. Y. 2s</i> , without topmark	14° 02'.8 S	110° 01'.7 E
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Delete	light buoy	13° 59'.3 S	110° 00'.3 E
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1022 AUSTRALIA - SOUTH AUSTRALIA - Encounter Bay - Beacon

Department for Transport, Energy and Infrastructure SA

Aus 127 (plan, King Head to Port Elliot) [971/2017]

Insert	beacon, with special topmark	35° 34'.21 S	138° 36'.63 E
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1023 AUSTRALIA - VICTORIA - Port Phillip - Pinnacle Channel - Light buoys

Parks Victoria Notice 292/2017

Aus 143 [906/2017]

Insert	special cylindrical light buoy, <i>Fl(4)Y.12s</i> , with topmark	38° 15'.35 S	144° 50'.70 E
	special cylindrical light buoy, <i>Fl(4)Y.12s</i> , with topmark	38° 15'.69 S	144° 49'.58 E

Aus 158 [866/2017]

Insert	special cylindrical light buoy, <i>Fl(4)Y.12s</i> , with topmark	38° 15'.347 S	144° 50'.697 E
	special cylindrical light buoy, <i>Fl(4)Y.12s</i> , with topmark	38° 15'.693 S	144° 49'.581 E

1024 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light buoys

Former Notice - 238(T)/2017 is cancelled

Parks Victoria Notice 117/2017, Notice 295/2017

Aus 153 [169/2017]

Insert	special conical light buoy, <i>Fl.Y.5s RGYC CB3</i> , with topmark	38° 07'.601 S	144° 23'.549 E
	special conical light buoy, <i>Fl.Y.5s RGYC CB4</i> , with topmark	38° 07'.725 S	144° 22'.159 E
	special conical light buoy, <i>Fl.Y.5s RGYC CB5</i> , with topmark	38° 06'.211 S	144° 22'.940 E

Amend	light buoy to, <i>Fl.Y.5s RGYC CB6</i>	38° 06'.50 S	144° 24'.00 E
	light buoy to, <i>Fl.Y.5s RGYC CB1</i>	38° 05'.56 S	144° 24'.20 E
	light buoy to, <i>Fl.Y.5s RGYC CB2</i>	38° 07'.62 S	144° 24'.18 E

Delete	light buoy	38° 08'.46 S	144° 22'.87 E
	light buoy	38° 08'.52 S	144° 22'.15 E
	light buoy	38° 06'.23 S	144° 22'.76 E

Aus 157 [827/2017]

Insert	special conical light buoy, <i>Fl.Y.5s RGYC CB3</i> , with topmark	38° 07'.601 S	144° 23'.549 E
	special conical light buoy, <i>Fl.Y.5s RGYC CB4</i> , with topmark	38° 07'.725 S	144° 22'.159 E
	special conical light buoy, <i>Fl.Y.5s RGYC CB5</i> , with topmark	38° 06'.211 S	144° 22'.940 E

Amend	light buoy to, <i>Fl.Y.5s RGYC CB6</i>	38° 06'.50 S	144° 24'.00 E
	light buoy to, <i>Fl.Y.5s RGYC CB1</i>	38° 05'.56 S	144° 24'.20 E
	light buoy to, <i>Fl.Y.5s RGYC CB2</i>	38° 07'.62 S	144° 24'.18 E

Delete	light buoy	38° 08'.46 S	144° 22'.87 E
	light buoy	38° 08'.52 S	144° 22'.15 E
	light buoy	38° 06'.23 S	144° 22'.76 E

1025 AUSTRALIA - TASMANIA - Bruny Island - Cape Bruny - Light range amended

Australian Maritime Safety Authority

Aus 173 [788/2017]

Amend	light range to, <i>15M</i>	43° 29'.6 S	147° 08'.8 E
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Aus 795 [867/2017]

Amend	light range to, <i>15M</i>	43° 29'.6 S	147° 08'.8 E
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Aus 4644 (INT 644) [867/2017]

Amend	light range to, <i>15M</i>	43° 29'.6 S	147° 08'.8 E
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1026 AUSTRALIA - TASMANIA - Furneaux Group - Isabella Island - Depths

A Phillips

Aus 800 [285/2017]

Insert	depth, <i>4₃m</i> , enclosed by contour, with legend <i>Rep (2017)</i>	40° 08'.52 S	147° 56'.72 E
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1027 AUSTRALIA - TASMANIA - River Tamar - Long Reach to Haystack Point - Nav aids

Australian Hydrographic Service

Aus 168 [514/2017]

Insert	beacon	41° 11'.467 S	146° 55'.053 E
Amend	light beacon to, <i>Q(4) R.6s No18</i>	41° 20'.40 S	147° 04'.80 E
	light beacon to, <i>Fl.R.3s No20</i>	41° 19'.84 S	147° 03'.74 E
	light to, <i>VQ(3)G.5s</i>	41° 20'.76 S	147° 04'.60 E
	light beacon to, <i>Fl.G.3s 2M No1</i>	41° 08'.59 S	146° 53'.46 E
	bearing to, <i>144.2°</i>	41° 08'.70 S	146° 53'.92 E
	light beacon to, <i>F.R.3m 3M</i>	41° 10'.85 S	146° 56'.73 E
Delete	beacon	41° 11'.48 S	146° 55'.01 E

Aus 168 (inset, Tamar Island to Launceston) [514/2017]

Amend	light beacon to, <i>Fl.R.3s No16</i>	41° 22'.28 S	147° 04'.90 E
	bearing to, <i>339.7°</i>	41° 24'.22 S	147° 06'.96 E
Delete	beacon	41° 22'.59 S	147° 05'.45 E

1028(T)/2017 AUSTRALIA - NEW SOUTH WALES - Clarence River - Yamba - Shoaling charted

Former Notice - 823(P)/2016 is cancelled
Port Authority of New South Wales

Cancel this notice on receipt.

Chart formerly affected - Aus 222

1029(T)/2017 AUSTRALIA - NEW SOUTH WALES - Kiama - Light range reduced

NSW Roads and Maritime Services

The light, *Fl(4) 20s 36m 16M* (34° 40'.31 S 150° 51'.75 E), has been altered to *Fl(4) 20s 36m 9M*

Chart temporarily affected - Aus 191 - Aus 489 - Aus 808 - Aus 4643 (INT 643)

1030(T)/2017 AUSTRALIA - NEW SOUTH WALES - Newcastle - Live firing

Department of Defence

Military exercise area Williamtown Air Weapons Range R574 will be activated for air to air live firing from 5 December to 7 December 2017 in the airspace bounded by:

33° 09'.00 S 152° 06'.00 E thence on the minor arc of a circle of 25M radius centred on 32° 48'.00 S 151° 50'.00 E to 32° 44'.50 S 152° 19'.50 E, 32° 36'.00 S 153° 24'.25 E, thence the minor arc of a circle of 80M radius centred on 32° 48'.00 S 151° 50'.00 E to 33° 03'.00 S 153° 23'.00 E, 33° 17'.00S 153° 11'.00, 33° 25'.00 S 152° 18'.67, 33° 09'.00 S 152° 06'.00.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 489 - Aus 809 - Aus 810 - Aus 4643 (INT 643)

1031(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Milsons Point - Harbour works completed

Former Notice - 325(T)/2017 is cancelled
Port Authority of New South Wales

Cancel this notice on receipt.

Chart formerly affected - Aus 200 - Aus 202

1032(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Jackson - Glebe Island - Harbour works completed

Former Notice - 789(T)/2017 is cancelled
Port Authority of New South Wales

Cancel this notice on receipt.

Chart formerly affected - Aus 200 - Aus 202

1033(T)/2017 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Dredging operations completed; light restored

Former Notice - 680(T)/2015 is cancelled
Port Authority of New South Wales

Cancel this notice on receipt.

Chart formerly affected - Aus 194 - Aus 195

1034(T)/2017 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoy off station eastwards

Former Notice - 912(T)/2014 is cancelled
Australian Institute of Marine Science

The isolated danger light buoy, *Fl(2)5s* (19° 18'.12 S 147° 37'.05 E), is off station; a special pillar light buoy, *Fl(4).Y 19s*, exists in position 19° 18'.06 S 147° 37'.23 E.

Chart temporarily affected - Aus 826 - Aus 827

1035(T)/2017 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Dream Island - Beacon destroyed
Maritime Safety Queensland Notice 460(T)/2017

The starboard lateral beacon (25° 36'.82 S 152° 57'.47 E) has been destroyed; a starboard lateral buoy exists in situ.

Chart temporarily affected - Aus 240

1036(T)/2017 AUSTRALIA - QUEENSLAND - Inskip Point - Light unlit
Maritime Safety Queensland Notice 461(T)/2017

The rear lead light, *Iso.Bu.2s* (25° 48'.67 S 153° 03'.81 E), is unlit.

Chart temporarily affected - Aus 240 - Aus 815 - Aus 817

1037(T)/2017 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling
Former Notice - 873(T)/2017 is cancelled
Maritime Safety Queensland Notice 479(T)/2017

A shoal patch exists from the end of the eastern breakwater (26° 40'.74 S 153° 07'.95 E) extending in a westerly direction towards the centreline of the channel with least depths as follows:

<i>Position</i>	<i>Depth</i>
26° 40'.74 S 153° 07'.89 E	2.2m
26° 40'.76 S 153° 07'.94 E	1.1m

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 235

1038(T)/2017 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed
Former Notice - 801(T)/2017 is cancelled
Maritime Safety Queensland Notice 310(T)/2017

Cancel this notice on receipt.

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

1039(T)/2017 AUSTRALIA - QUEENSLAND - Townsville - Sea Channel - Light buoy restored
Former Notice - 988(T)/2017 is cancelled
Maritime Safety Queensland Notice 476/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 256

1040(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Direction Bank to Garden Island - Military exercise completed
Former Notice - 882(T)/2017 is cancelled
Department of Defence

Cancel this notice on receipt.

Chart formerly affected - Aus 111 - Aus 112 - Aus 117 - Aus 754

1041(T)/2017 AUSTRALIA - WESTERN AUSTRALIA - Esperance - Bandy Creek Boat Harbour - Harbour works completed
Former Notice - 995(T)/2017 is cancelled
Department of Transport WA Notice 121/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 119

1042(T)/2017 INDIAN OCEAN - Osborn Passage - Seismic surveyMV *Polarcus Naila*

MV *Polarcus Naila*, with a 9260m towed array, and support vessels *Mermaid Searcher* and *Empress* are conducting a seismic survey in an area bounded by the following positions:

12° 30'.34 S 124° 50'.59 E
 12° 40'.35 S 124° 50'.58 E
 12° 40'.32 S 124° 45'.60 E
 12° 52'.25 S 124° 45'.58 E
 13° 18'.55 S 124° 25'.52 E
 12° 54'.70 S 123° 49'.55 E
 12° 43'.35 S 123° 49'.57 E
 12° 26'.69 S 124° 00'.14 E
 12° 04'.38 S 124° 25'.07 E
 11° 53'.38 S 124° 31'.83 E
 12° 14'.50 S 125° 00'.58 E
 12° 30'.35 S 125° 00'.61 E.

Vessels will display appropriate colours and shapes

Mariners are advised to navigate with caution in the area. 6M clearance requested.

Chart temporarily affected - Aus 314 - Aus 319 - Aus 4721 (INT 721) - Aus 4722 (INT 722)

1043(T)/2017 INDIAN OCEAN - Roo Rise - Light buoy recovered

Former Notice - 885(T)/2017 is cancelled

Australian Bureau of Meteorology

Cancel this notice on receipt.

Chart formerly affected - Aus 4708 (INT 708) - Aus 4723 (INT 723)

1044(T)/2017 AUSTRALIA - VICTORIA - Patterson River - Light unlit

Parks Victoria Notice 307(T)/2017

The light, *F(3) R.5s 5M* (38° 04'.38 S 145° 07'.18 E), is unlit.

Chart temporarily affected - Aus 143

1045(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - South Channel to Yarra River - Dredging operations completed

Former Notice - 886(T)/2017 is cancelled

Port of Melbourne Corporation Notice 297/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 144 - Aus 150 - Aus 154 - Aus 158

1046(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Dredging

Victorian Regional Channels Authority 298(T)/2017

The dredge *Machiavelli* with support vessels will be conducting dredging operations directly east of Corio Channel in the vicinity of temporary light buoy, *F./so.G.3s No5*, (38° 06'.20 S 144° 22'.68 E).

Vessels will display appropriate lights and shapes and monitor VHF Ch 12.

Spoil will be deposited in the spoil ground (38° 02'.95 S 144° 34'.00 E) northeast of Point Wilson.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 153 - Aus 157

1047(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Bird Rock - Light beacon relit

Former Notice - 908(T)/2016 is cancelled
Parks Victoria Notice 305/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 157

1048(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Port Lonsdale - Light beacon relit

Former Notice - 1002(T)/2016 is cancelled
Parks Victoria Notice 296/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 144 - Aus 158

1049(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Port Fairy - Dredging operations

Transport Safety Victoria Notice 312(T)/2017

The dredge *MSV 12085* is conducting dredging operations in the entrance to Port Fairy (38° 23'.35 S 142° 14'.95 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 141

1050(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Corio Bay - Light beacon relit

Former Notice - 1004(T)/2016 is cancelled
Parks Victoria Notice 314/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 157

1051(T)/2017 AUSTRALIA - VICTORIA - Port Phillip - Wedge Point - Light buoy restored

Former Notice - 488(T)/2017 is cancelled
Parks Victoria Notice 315/2017

Cancel this notice on receipt.

Chart formerly affected - Aus 157

1052(T)/2017 AUSTRALIA - VICTORIA - Torquay - Fish aggregating devices

Victorian Fisheries Authority

Five special light buoys, *Fl. Y. 5s*, will be deployed between December and May in vicinity of position 38° 20'.01 S 144° 22'.43 E.

Chart temporarily affected - Aus 143 - Aus 788

1053(T)/2017 AUSTRALIA - TASMANIA - Macquarie Harbour - King Point - Beacon established

Maritime and Safety Tasmania Notice 147/2017

A beacon exists in position (42° 12'.62 S 145° 20'.45 E). This will be upgraded to a west cardinal beacon shortly.

Chart temporarily affected - Aus 177 - Aus 792

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
TAS- Isabella Island	Depth	SY Hetairos	A Phillips

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 1014/2017

SANDWAVES

The seabed in this area consists of sandwaves which cause variations in actual depth to those charted. If mariners are unsure of the condition of the seabed in a particular area, local information should be sought prior to crossing.

Note for chart Aus 293

To accompany Australian Notice to Mariners 1014/2017

SANDWAVES

The seabed in this area consists of sandwaves which cause variations in actual depth to those charted. If mariners are unsure of the condition of the seabed in a particular area, local information should be sought prior to crossing.

Note for chart Aus 299

Website:	www.bom.gov.au/marine
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Website:	www.bom.gov.au/marine/radio-sat/marine-radio-sat.shtml
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Headquarters Joint Operations Command Attention: Watchkeeper Telephone: +61 2 6128 4339 Email: hqjocjcc.domregops@defence.gov.au
Maritime Trade Operations Team 1 Attention: MTO Duty Operations Officer Telephone: 0431 764 980 Email: mto.opso@defence.gov.au MTOT1 - Maritime Operations c/o Headquarters Maritime Border Command Address: L1, 2 Constitution Ave Canberra ACT 2600

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9.4.2 Forecasts

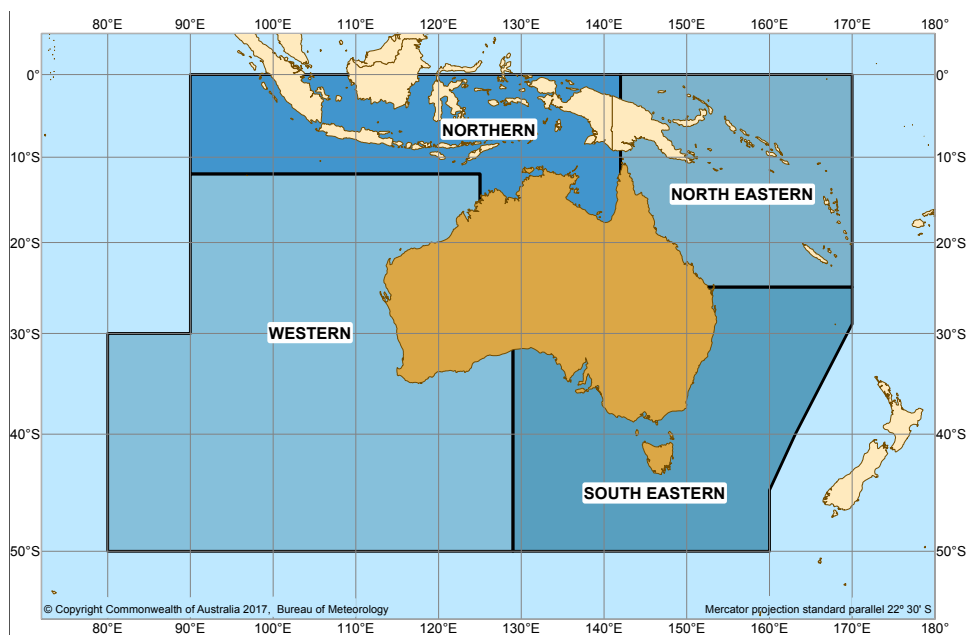
Routine coastal waters forecasts

1. Routine coastal waters forecasts and observation reports are for areas within 60 nautical miles of the coast. They are generally issued twice a day with updates at other times if weather conditions change significantly from those forecasts. The BOM provides forecasts up to four days ahead.

High seas forecasts

2. Routine High Seas Forecasts are issued twice daily for sea areas surrounding Australia. The Australian High Seas areas extend from the coastline to the limits shown in the diagram below.

Australian high seas forecast areas



9.4.3 Warnings

1. Warnings are issued by the BOM under the following categories:

Warning Category	Wind Strength
Strong Wind Warning:	26 - 33 knots
Gale Warning:	34 - 47 knots
Storm Force Wind Warning:	48 - 63 knots
Hurricane Force Wind Warning:	>64 knots

Warnings for coastal waters

2. Warnings for coastal waters are issued whenever strong winds, gales, storm force or hurricane force winds are expected. Warnings are renewed every six hours.

Station	Coastal Waters Areas	Broadcast Times
VMC:	QLD, NSW, VIC, TAS, SA, NT	Every hour commencing 0000 EST
VMV:	QLD Gulf, NT, WA, SA	Every hour commencing 0000 WST

Warnings for the high seas

- Warnings to shipping on the high seas are issued whenever gale, storm or hurricane force winds are expected. The initial warning attempts to provide a 24 hour lead time and warnings are renewed every six hours. Australia is responsible for issuing gale and storm warnings in the areas shown in the diagram below.

Areas of responsibility for high sea warnings



- Ocean warnings for the North, North Eastern and South Eastern areas of METAREA X are broadcast from VMC every hour on the hour (EST). Ocean warnings for the Western, Northern and South East areas of METAREA X are broadcast from VMW every hour on the hour (WST).

Station	High Seas Areas	Broadcast
VMC:	Northern North Eastern South Eastern	Every hour on the hour EST
VMW:	Western Northern South Eastern	Every hour on the hour WST

- More information on warnings for the high seas can be found on the BOM website.

Website:	www.bom.gov.au/marine/highseas
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9.4.4 Tropical cyclone warnings

- Australia is responsible for issuing Tropical Cyclones Warnings in the areas shown in the diagram below.
- For current tropical cyclone warning information visit the BOM website.

Website:	www.bom.gov.au/cyclone
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- Tropical cyclones are defined when, among other factors, wind speeds equal to or greater than 34 knots are expected. Each tropical cyclone is assigned a distinctive name which it retains throughout its existence. Tropical cyclones vary in both size and intensity. Tropical cyclones are allocated a category which provides

- have information available regarding timber components, such as history of refits etc.
- contain/confine pets or animals on board

Website:	www.agriculture.gov.au/biosecurity/avm/vessels/non-commercial-vessels
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11.9.5 Cruise vessels

1. The Department of Agriculture and Water Resources considers cruise vessels to be a high biosecurity risk. Under the Biosecurity Act 2015 (Cth), cruise vessels must submit the following documents to the department prior to entering Australian ports or waters:
 - Pre-Arrival Reporting (PAR's) should be submitted within 96 -12 hours of the estimated time of arrival (ETA) of the vessel at the first Australian port of call.
 - Ballast water reports are to be submitted with the PAR, no later than 12 hours before a vessel enters Australia.
 - A human health form must be submitted 12 hours prior to arrival at every subsequent port outlining any new illnesses and/or deaths on board since their last assessment/inspection.
 - A Live Plants Conveyances Log must be submitted prior the voyage, detailing all live plants on board the vessel, location and the condition and maintenance history.
2. To assist industry to plan cruise itineraries for the next cruise season in advance (up to two years), all proposed itineraries must also be submitted to the Maritime Travellers Processing Committee (MTPC) for approval by the Commonwealth Government agencies concerned.
3. The MTPC can be contacted at:

Website:	www.border.gov.au/Trav/Ente/Avia/Maritime/cruise-ships
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11.9.6 Vessel clearance fees and charges

1. Services provided by the Department of Agriculture and Water Resources to manage incoming international vessels; and returning Australian vessels, are administered through cost-recovered arrangements, as per the Biosecurity Cost Recovery Implementation Statement 2015. For information on relevant fees for vessel clearances see:

Website:	www.agriculture.gov.au/fees/charging-guidelines
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11.9.7 Biosecurity reporting obligations

1. Delivery of biosecurity inspection services is a crucial part of the Department of Agriculture and Water Resources business that regulates approximately 17,000 commercial vessels and 1,000 non-commercial vessels (such as itinerant yachts) per year.
2. Pre-arrival information, and changes, for maritime conveyances (vessels) must be reported in a form approved by the Director of Biosecurity, which is the Maritime Arrivals Reporting System (MARS). Electronic offline forms can be used where there is limited connectivity, but they do not constitute the approved form. Your reporting obligations are met once your information has been submitted in MARS.
3. MARS is an online web portal to be used by commercial vessel masters and shipping agents to submit pre-arrival documents required of all international vessels seeking Australian biosecurity clearance. MARS has functionality to view information related to the status of your vessel.

- **Vessel Operator Responsibilities:** The operator of the vessel is obligated to accurately report information in accordance with Section 193 of the Biosecurity Act 2015. This information must be lodged in MARS no later than 12 hours prior to arrival.
 - **Shipping Agent Responsibilities:** Where the vessel operator uses a shipping agent, the agent is responsible for lodgement of accurate and timely information into MARS. The agent must ensure that this information is a true and correct representation of the reports provided by the vessel operator, and that any changes have been confirmed with the operator.
 - **Any changes in circumstances during the voyage in Australian waters must be reported to the department as soon as practicable.**
4. There is now a single source of information for biosecurity directions and advice for each voyage. This is the Biosecurity Status Document (BSD). The BSD is auto generated in MARS and is version controlled to reflect any reported changes to directions or status occurring during a voyage. It uses a traffic light system as a visual cue to alert the user regarding the vessel status and any associated directions or advice issued by the department.
5. The BSD document will be emailed to the port agent (and master where there is an email address) any time conditions change and will include:
- approval to berth
 - certificate of pratique
 - ballast water and non-first point of entry approvals
 - treatment directions

Accessing MARS

6. MARS a secure portal environment and accessible only through registration which will provide and a user name and the password. Access to information will be based on security permissions. Access to the portal will be via the Department of Agriculture and Water Resources website.

What commercial vessel types need to use MARS

- Cruise
- General cargo
- Barges
- Break bulk
- Heavy lift
- Tugs
- Tankers
- Tankers
- Livestock carriers
- Containers
- Ro-Ros
- Government and Military
- Fishing

A key policy initiative, the Vessel Compliance Scheme

7. One of the key policy initiatives being developed in conjunction with MARS is the Vessel Compliance Scheme (VCS). This compliance scheme provides a transparent and flexible regime for improved compliance by vessel operators. The core objective of the VCS is to provide greater visibility to clients on what department officers look for when they board a vessel and the consequences of failing to comply with these requirements.
8. An efficient and effective compliance scheme is essential to ensuring resources are targeted at vessels that present the greatest risk to the favourable pest and disease status of Australia. The key aim of this scheme is providing a framework of 'informed compliance' where vessels understand the department's requirements and seek to comply in order to receive reduced intervention and costs. This encourages vessel masters and agents to comply with the department's requirements, reducing inadvertent and opportunistic non-compliance and

create an effective penalty mechanism for deliberate non-compliance. Vessels that continue to demonstrate high levels of non-compliance will still be able to visit Australia, but will be subject to increased fees and intervention.

9. The Department of Agriculture and Water Resources has produced a number of publications to help vessel masters and agents prepare for biosecurity inspection.

Website:	www.agriculture.gov.au/biosecurity/avm/vessels/mars/vessel-compliance
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11.9.8 Ballast water management

1. Each year about 150 million tonnes of ballast water is discharged in Australian waters from overseas vessels. Australian scientists have identified over 200 introduced marine species in Australian coastal waters, most of which have been translocated from overseas ports to Australian ports via shipping. A number of these organisms have become harmful to Australia's marine environment, threatening fisheries, aquaculture, tourism industries and public health.
2. Unlike other major pollutants of the oceans that can eventually be cleaned up, harmful aquatic organisms and pathogens, once established, are virtually impossible to eradicate and can have serious and permanent consequences.
3. The impact from harmful aquatic organisms threatens marine and estuarine environments in Australia and around the world.
4. The shipping industry operates within a highly regulated environment established by the IMO. The International Convention for the Control and Management of Ships Ballast Water and Sediments (BWM Convention) was adopted by a Diplomatic Conference at IMO in February 2004. The BWM Convention aims to prevent the potentially devastating effects of the transfer of harmful aquatic organisms through ballast water discharge.
5. The BWM Convention will enter into force 12 months after 30 IMO Member States; representing 35 percent of world merchant shipping tonnage have ratified the Convention. Australia has signed the Convention subject to ratification and as a signatory is obliged to refrain from actions that would defeat the object and purpose of the Convention.
6. Under the BWM Convention, ballast water exchange in the open sea will be progressively replaced by ballast water treatment using onboard ballast water management systems (BWMS). The feasibility of this replacement is related to the effectiveness of the treatment of ballast water and the probability aquatic organisms have of surviving after the treated ballast water is discharged into the sea. In addition, the exchange of ballast is not always feasible in areas that do not meet the requirements of depth and distance from land.
7. It is important that officers and crew are familiar with the procedures for managing ballast, whether that be by exchange or treatment. Regular training must be undertaken with the aim to minimise possible safety hazards, for example during the exchange of ballast water as this operation can directly influence the safety of the vessel.

Website:	www.agriculture.gov.au/biosecurity/avm/vessels/ballast
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11.9.9 Mandatory ballast water management requirements

1. The Conveyances and Ports Section of the Department of Agriculture and Water Resources - the Australian Government's lead agency for the regulation of ballast water taken up outside Australia's Territorial Sea (TS).
2. On 1 July 2001, after extensive consultation with the IMO and the shipping industry, Australia implemented mandatory ballast water management requirements requiring vessels to achieve a 95 percent volumetric exchange of ballast water.

3. All internationally plying vessels intending to discharge ballast water anywhere inside the Australian TS are required to manage their ballast water in accordance with Australia's Ballast Water Management Requirements.
4. The Australian Ballast Water Management Requirements provide guidance on how vessel operators should manage ballast water when operating within Australian seas in order to comply with the Biosecurity Act 2015. They also align to the International Convention for the Control and Management of Ships' Ballast Water and Sediments 2004 (the Ballast Water Management Convention), which entered into force internationally on 8 September 2017.
5. Full details of the Australian ballast water management requirements may be downloaded from the Department of Agriculture and Water Resources website.

Website:	www.agriculture.gov.au/biosecurity/avm/vessels/ballast/australian-ballast-water-management-requirements
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6. Australia does not require any action by the Master that imperils the lives of seafarers or the safety of the ship.
7. All commercial vessels arriving in Australia from international waters are required to submit a Pre-Arrival Report (PAR) to the Department of Agriculture and Water Resources 12-96 hours prior to arrival at an Australian port. The PAR may be submitted electronically, which is the department's preferred method of submission (ePAR), or by email or fax (PAR) to the Maritime National Coordination Centre (MNCC).
8. Masters / agents who do not submit the PAR to the Department of Agriculture and Water Resources will not be given formal biosecurity clearance to enter port. This will cause delays to the vessel and additional charges will be incurred by the vessel.
9. The PAR requires Masters to declare whether or not they intend to discharge ballast in Australian waters and whether accurate records of ballast exchanges have been maintained.
10. Vessel Masters may also submit an Australian Ballast Water Management Summary Sheet (ABWMS) to the Department of Agriculture and Water Resources MNCC. The ABWMS requires replaces the previous versions of this form which were known as the "AQIS Ballast Log and the AQIS Ballast Water Summary" and requires details about ballast water uptake ports, mid ocean exchanges and intended Australian discharge locations.
11. Vessels are not permitted to discharge ballast water in Australian waters until the Department of Agriculture and Water Resources has verified and confirmed that appropriate ballast exchanges have been conducted. Ballast verification can occur prior to arrival by submitting the ABWMS to the MNCC for assessment prior to arrival or alternatively an onboard verification can be conducted by biosecurity officers following arrival.
12. Completed originals of both the PAR and ABWMS, including any comments by biosecurity officers on the back of the forms, must be retained on the vessel for a period of two years and provided to the Department of Agriculture and Water Resources on request.
13. Vessels cannot discharge ballast water without written permission from the Department of Agriculture and Water Resources.
14. Vessels that are eligible for PDC (Pratique Documentary Clearance) may be required to undergo an onboard ballast water verification at no further charge, provided ballast water exchanges and documentation are deemed as compliant by a biosecurity officer. This activity may be conducted at a first or subsequent port of arrival. Notification of inspection times will be given through the ship's agent.

11.9.10 Ballast water management using type-approved ballast water management systems

1. Once the BWM Convention enters into force, Australia will recognise the IMO's approval process and accept discharge from BWMS that have received Type Approval. Prior to the Convention entering into force, vessels arriving in Australian waters are required to continue to manage their ballast water in accordance with Australia's current ballast water requirements but can apply to use Type Approved BWMS on future voyages. Applications will only be considered on a case by case basis.
2. Ship agents and vessel operators are requested to notify the Department of Agriculture and Water Resources of any arriving vessels fitted with a BWMS with intended use to satisfy Australia's current ballast water management requirements. Specific information (including vessel details, type of BWMS, BWMS certification, discharge intentions and voyage details) will need to be provided to the Department of Agriculture and Water Resources as soon as possible, but at least 10 working days prior to arrival and cooperation will be sought from the vessel upon arrival in the form of providing access for biosecurity officers to assist in the verification. The intention of the verification inspection is to determine whether the crew is familiar with the operation of the system and that it has been operated in accordance with systems stated operating parameters and the ships' ballast water management plan. If the vessel meets the Department of Agriculture and Water Resources verification requirements it will be granted approval to use the BWMS on future visits to Australia.
3. For further information on Australia's Ballast Water Management Requirements and ballast water reporting requirements can be obtained by contacting the National Seaports Program in the Department of Agriculture and Water Resources.

	National Seaports Program:	Maritime National Coordination Centre:
Email:	seaports@agriculture.gov.au	maritimencc@agriculture.gov.au
Telephone:	+61 409 604 543 (mobile) / 1800 020 504 (Aust only)	1300 004 605 (Aust only)
Fax:		1300 005 882
Website:	www.agriculture.gov.au/biosecurity/avm/vessels	

To accompany Australian Notice to Mariners 1005/2017

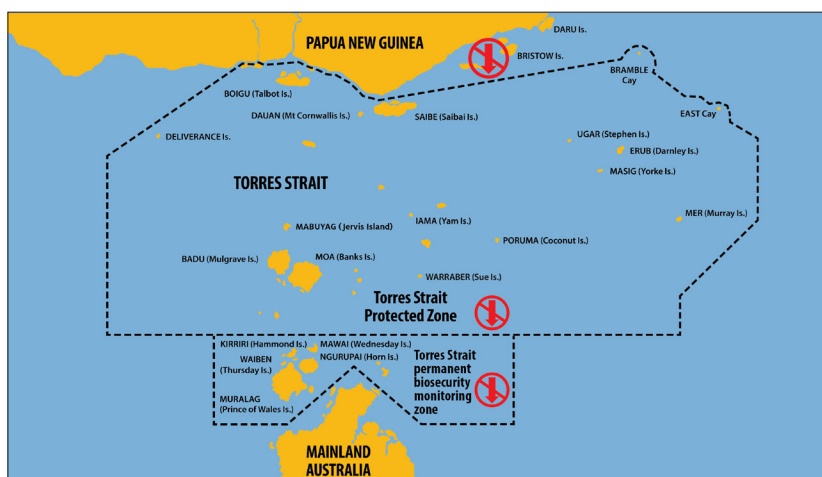
- dispose of all animal waste in a manner approved by the Department of Agriculture and Water Resources
- provide immediate notification if any animal on board becomes ill, dies or escapes

11.9.23 Torres Strait biosecurity travel regulations

1. Commonwealth Biosecurity regulations apply in the Torres Strait that prevent certain goods such as fresh produce, live plants and animals from travelling southward within the region and from the region to mainland Australia.
2. All vessels over seven metres which have been in the Torres Strait and are returning to mainland Australia must report to the Department of Agriculture and Water Resources 12 to 96 hours before making landfall on the mainland. After biosecurity assessment, masters will be issued with a notification number. Masters are required to record this number in their vessel's logbook for auditing purposes. Vessels transiting the Torres Strait in the main shipping channel and not travelling into and stopping in the Torres Strait are exempt from these requirements. The Department of Agriculture and Water Resources can be contacted on VHF CH 16 on Thursday Island or through harbour authorities at most mainland ports. Masters are strongly advised to contact the Department on Thursday Island or Cairns, prior to travelling into the Torres Strait for further biosecurity information.
3. For more information:

Telephone	
Thursday Island:	+61 7 42120185
Cairns:	+61 7 1800 900 090 (select option 1, then option 6)
Website:	www.agriculture.gov.au/biosecurity/australia/naqs/torres-strait

Torres Strait Special Biosecurity Zones



11.10 Military Information

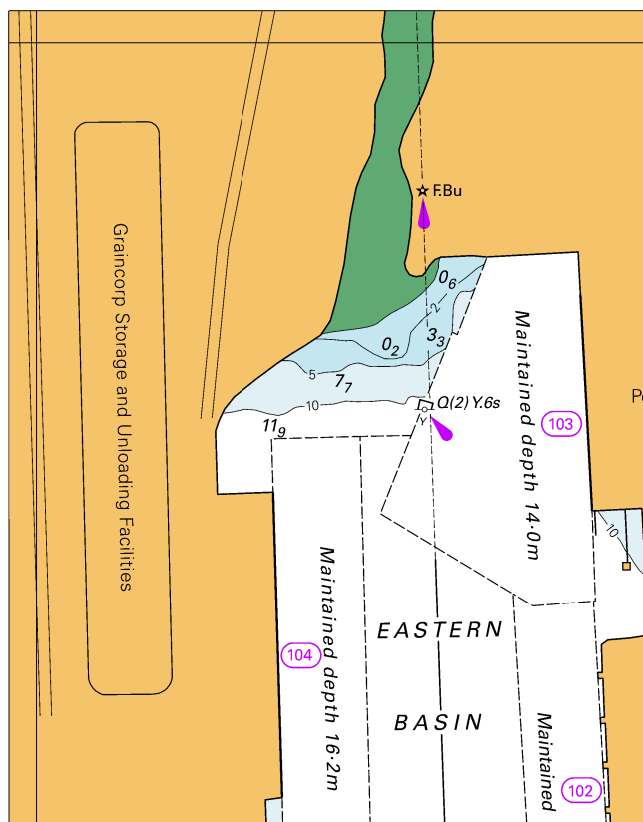
11.10.1 Military firing practice and exercise areas

1. Military practice areas are published in the Commonwealth Government Gazette and the Designated Airspace Handbook (published on Air Services Australia website). Restricted and dangerous areas with associated airspace coordinates and chartlets are published on the Australian Hydrographic Service (AHS) website.

Notification of warnings

2. As clear range procedures are followed no broadcast warnings will be issued in respect of weapons firing practices in the areas depicted in *Notice to Mariners No 9* and in this section major exercises will be the

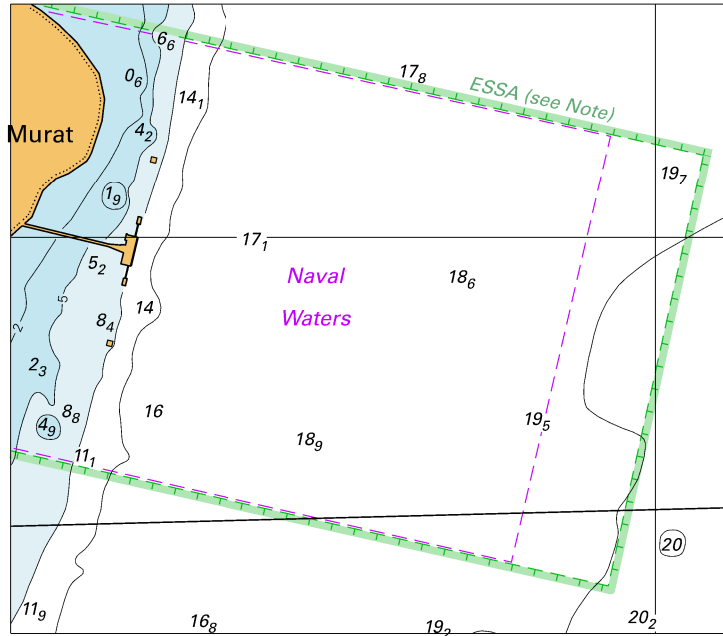
To accompany Australian Notice to Mariners 1009/2017



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Block for Chart Aus 194

(84.4 x 107.4mm)

To accompany Australian Notice to Mariners 1018/2017

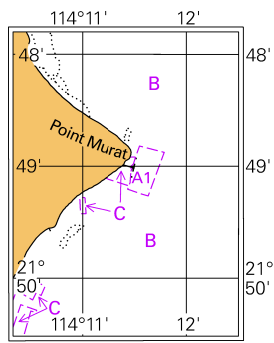


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Block A for Chart Aus 72

(95-1 x 83-2mm)

To accompany Australian Notice to Mariners 1018/2017



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Block B for Chart Aus 72 (31.0 x 41.2mm)

