



18 November 2016

Edition 23

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

AUSTRALIAN NOTICES TO MARINERS

Notices 1167 - 1195



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.
- II. Hydrographic Reports.
- III. Navigational Warnings.

SUPPLEMENTS.

- I. Tracings
- II. Cumulative List of Australian Notices to Mariners.
- III. Cumulative List of Temporary and Preliminary Australian Notices to Mariners.
- IV. Temporary and Preliminary Notices in force.
- V. Amendments to Admiralty List of Lights and Fog Signals (Vol K), Radio Signals (NP 281(2), 282, 283(2), 285, 286(4)) and Sailing Directions (NP 9, 13, 14, 15, 33, 34, 35, 36, 39, 44, 51, 60, 61, 62, 100, 136).

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IMPORTANT NOTICE

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

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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1167 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts
 UKHO (AA927611), Australian Hydrographic Service (AA926866)

New Charts

Chart	Title and Geographical limits	Scale	Publication Date	Remarks
NIL				

New Electronic Navigation Chart (Aus ENC)

Cell Name	Title	Publication Date	Remarks
NIL			

New Editions and Withdrawn Charts

Chart	Title	Scale	Publication Date	Remarks
Aus 510 Edition 2	Papua New Guinea - North East Coast - Long Reef to Sudest Island	1:150 000	18 November 2016	New edition with general updating throughout; including new bathymetric data. Chart Aus 510 Edition 1 dated 2 February 2007 is now superseded and must be withdrawn from use.
Aus 600 Edition 2	Australian Antarctic Territory - Approaches to Mawson Plan: Horseshoe Harbour	1:25 000 1:5 000	18 November 2016	New edition with general updating throughout; including new bathymetric data. Chart Aus 600 Edition 1 dated 2 February 2007 is now superseded and must be withdrawn from use.
Aus 621 Edition 2	Papua New Guinea - South Coast - Approaches to Port Moresby	1:37 500	18 November 2016	New edition with general updating throughout; including coastline, infrastructure and new bathymetric data. Chart Aus 621 Edition 1 dated 18 March 2005 is now superseded and must be withdrawn from use.

Admiralty publication

NP No	Title	Date	Remarks
NP281(2)	Admiralty List of Radio Signals. Maritime Radio Stations. The Americas, Far East and Oceania.	17/11/2016	The 2015/16 Edition 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.

1168* AUSTRALIA - TASMAN SEA - Lord Howe Island - Depth
 Geoscience Australia (DSID 2715115)

Aus 610 [179/2016]

Insert	depth, 22 ₄ m, enclosed by contour	31° 35'.81 S	159° 07'.89 E
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1169* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Woolloomooloo Bay - Depths
Port Authority of New South Wales (SIRF2016007414)

Aus 202 [1018/2016]

Insert	depth, 4 ₈ m, enclosed by contour	33° 51'.568 S	151° 13'.381 E
	depth, 10 ₇ m	33° 51'.521 S	151° 13'.637 E
	depth, 9m, enclosed by contour	33° 52'.116 S	151° 13'.262 E
	depth, 9 ₂ m, semi enclosed by contour to E	33° 52'.071 S	151° 13'.285 E
	depth, 10 ₂ m	33° 52'.004 S	151° 13'.325 E
	depth, 11 ₄ m	33° 51'.972 S	151° 13'.399 E
Delete	depth, 10 ₇ m	33° 51'.51 S	151° 13'.65 E
	depth, 10 ₆ m	33° 52'.11 S	151° 13'.28 E
	depth, 12 ₁ m	33° 52'.00 S	151° 13'.35 E

1170* AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Anchoring prohibited area; light buoys

Maritime Safety Queensland (SIRF2016007441)

Aus 238 [1022/2016]

Insert	anchoring prohibited limit, between	27° 26'.418 S	153° 03'.932 E
		27° 26'.607 S	153° 03'.864 E
	anchoring prohibited limit, between	27° 26'.870 S	153° 04'.784 E
		27° 26'.828 S	153° 04'.844 E
		27° 26'.945 S	153° 05'.250 E
		27° 26'.873 S	153° 05'.562 E
		27° 26'.914 S	153° 05'.630 E
		27° 26'.948 S	153° 05'.639 E
	anchoring prohibited limit, between	27° 26'.809 S	153° 06'.099 E
		27° 26'.698 S	153° 06'.037 E
		27° 26'.825 S	153° 05'.477 E
		27° 26'.838 S	153° 05'.209 E
		27° 26'.707 S	153° 05'.034 E
		27° 26'.830 S	153° 04'.840 E
	special cylindrical light buoy, Fl. Y. 2·5, without topmark	27° 26'.950 S	153° 05'.250 E
	special cylindrical light buoy, Fl. Y. 2·5, without topmark	27° 26'.880 S	153° 05'.560 E

Aus 238 (plan, Hamilton Reach) [1022/2016]

Insert	anchoring prohibited limit, between	27° 26'.418 S	153° 03'.932 E
		27° 26'.607 S	153° 03'.864 E
	anchoring prohibited limit, between	27° 26'.870 S	153° 04'.784 E
		27° 26'.828 S	153° 04'.844 E
		27° 26'.945 S	153° 05'.250 E
		27° 26'.910 S	153° 05'.400 E
		27° 26'.707 S	153° 05'.034 E
		27° 26'.838 S	153° 05'.209 E
	anchoring prohibited limit, between	27° 26'.829 S	153° 05'.400 E
		27° 26'.830 S	153° 04'.840 E
		27° 26'.950 S	153° 05'.250 E
		27° 26'.830 S	153° 04'.840 E

1171* AUSTRALIA - QUEENSLAND - Brisbane River - Entrance Channel - Obstructions
Maritime Safety Queensland Notice 447/2016 (SIRF2016007307)

Aus 237 [637/2016]

Insert	danger circle, with legend <i>Obstn</i>	27° 18'.950 S	153° 12'.412 E
	danger circle, with legend <i>Obstn</i>	27° 19'.231 S	153° 12'.218 E
	danger circle, with legend <i>Obstn</i>	27° 20'.019 S	153° 11'.498 E

1172* AUSTRALIA - QUEENSLAND - Cape Flattery - Nav aids
Maritime Safety Queensland Notice 436/2016 (SIRF2016007156, SIRF2016007297)

Aus 270 (plan, Cape Flattery Wharf) [287/2016]

Amend	light beacon to Q. 8m 2M	14° 59'.02 S	145° 21'.28 E
	bearing to 216.5°	14° 58'.49 S	145° 21'.69 E

Delete	light	14° 59'.07 S	145° 21'.21 E
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Aus 831 [866/2016]

Amend	light beacon to Q. 2M	14° 59'.0 S	145° 21'.3 E
	bearing to 216.5°	14° 57'.9 S	145° 22'.1 E

Aus 832 [380/2016]

Amend	light beacon to Q. 2M	14° 59'.0 S	145° 21'.3 E
	bearing to 216.5°	14° 57'.9 S	145° 22'.1 E

1173* AUSTRALIA - QUEENSLAND - Ellis Channel - Hovell Bar - Depths
Maritime Safety Queensland (DSID 3190326)

Aus 293 [640/2016]

Insert	accompanying block	10° 34'.7 S	142° 15'.5 E
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Aus 299 [640/2016]

Insert	accompanying block	10° 34'.1 S	142° 15'.4 E
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1174* AUSTRALIA - QUEENSLAND - Great Barrier Reef - Bandjin Reefs - Nomenclature
Great Barrier Reef Marine Park Authority (SIRF2016007595)

Aus 828 [1138/2016]

Insert	name <i>Peter Arnold Reef</i> , centred on	17° 59'.7 S	146° 45'.0 E
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Aus 829 [1138/2016]

Insert	name <i>Peter Arnold Reef</i> , centred on	17° 59'.7 S	146° 45'.0 E
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1175* AUSTRALIA - QUEENSLAND - Keppel Isles - North Keppel Island - Rock
Maritime Safety Queensland Notice 456/2016 (SIRF2016007463)

Aus 247 [NC 9/9/2016]

Substitute	rock which covers and uncovers for rock awash	23° 03'.1 S	150° 53'.5 E
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1176* AUSTRALIA - TIMOR SEA - Sahul Banks - Oil field decommissioned
Eni Australia Ltd (SIRF2016006427)

Aus 312 [669/2015]

Insert	accompanying block	10° 37'.0 S	126° 20'.0 E
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1177* AUSTRALIA - WESTERN AUSTRALIA - Cape Leeuwin - Traffic separation scheme
Australian Maritime Safety Authority (SIRF2016004641), P Raheem (SIRF2016007489)

Note: the traffic separation scheme will come into effect on the 1 December 2016.

Aus 758 [1254/2012]

Insert	accompanying block	35° 28'.0 S	116° 30'.0 E
	accompanying note	34° 58'.0 S	116° 35'.5 E

1178* AUSTRALIA - WESTERN AUSTRALIA - Desaix Islands to Camden Sound - Depths
 HMAS *Leeuwin*, HMAS *Mermaid* and HMAS *Paluma* (SIRF2016007031), HMAS *Leeuwin* (SIRF2016007601, SIRF2016007603)

Aus 37 [1148/2016]

Insert	depth, 9 ₅ m, enclosed by contour	14° 52'.66 S	124° 51'.28 E
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Delete	depth, 23 ₅ m	14° 52'.6 S	124° 51'.1 E
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Aus 320 [1148/2016]

Insert	depth, 9m, enclosed by contour	15° 16'.73 S	124° 45'.74 E
	depth, 9 ₆ m, enclosed by contour	15° 15'.78 S	124° 45'.52 E
	depth, 11 ₇ m, enclosed by contour	15° 12'.97 S	124° 34'.64 E
	rock which covers and uncovers enclosed by danger circle	15° 19'.47 S	124° 27'.36 E
	depth, 16 ₇ m, enclosed by contour	15° 22'.33 S	124° 25'.47 E
	depth, 16 ₄ m, enclosed by contour	15° 20'.32 S	124° 17'.98 E
	depth, 6 ₂ m, enclosed by contour	15° 21'.88 S	124° 16'.85 E
	depth, 1 ₂ m, enclosed by contour	15° 23'.88 S	124° 16'.67 E
	rock which covers and uncovers enclosed by danger circle	15° 11'.48 S	124° 41'.75 E

Substitute	depth, 17 ₄ m, for depth, 30m	15° 14'.7 S	124° 32'.9 E
	depth, 10 ₅ m, enclosed by contour for depth, 32m	15° 17'.5 S	124° 28'.9 E
	depth, 17 ₂ m, enclosed by contour for depth, 23m	15° 19'.6 S	124° 18'.7 E
	depth, 15 ₂ m, for depth, 27 ₃ m	15° 21'.0 S	124° 17'.0 E
	drying height, 1 ₆ m, for depth, 2 ₁ m	15° 23'.1 S	124° 16'.7 E

Delete	depth, 10 ₅ m	15° 16'.0 S	124° 45'.6 E
	depth, 31m	15° 22'.6 S	124° 25'.0 E
	depth, 32m	15° 21'.8 S	124° 16'.6 E
	depth, 8 ₉ m	15° 23'.6 S	124° 16'.8 E

Aus 729 [1148/2016]

Insert	depth, 9 ₅ m, enclosed by contour	14° 52'.66 S	124° 51'.28 E
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Aus 730 [1148/2016]

Insert	depth, 9m, enclosed by contour	15° 16'.73 S	124° 45'.74 E
	depth, 9 ₆ m, enclosed by contour	15° 15'.78 S	124° 45'.52 E
	depth, 11 ₇ m, enclosed by contour	15° 12'.97 S	124° 34'.64 E
	rock which covers and uncovers enclosed by danger circle	15° 19'.47 S	124° 27'.36 E
	depth, 16 ₇ m, enclosed by contour	15° 22'.33 S	124° 25'.47 E
	depth, 17 ₃ m, enclosed by contour	15° 22'.96 S	124° 25'.45 E
	depth, 16 ₄ m, enclosed by contour	15° 20'.32 S	124° 17'.98 E
	depth, 6 ₂ m, enclosed by contour	15° 21'.88 S	124° 16'.85 E
	depth, 1 ₂ m, enclosed by contour	15° 23'.88 S	124° 16'.67 E
	drying height, 3 ₃ m, enclosed by contour	15° 11'.48 S	124° 41'.75 E
	depth, 9 ₅ m, enclosed by contour	14° 52'.66 S	124° 51'.28 E

Substitute	depth, 17 ₄ m, for depth, 30m	15° 14'.7 S	124° 32'.9 E
	depth, 10 ₅ m, enclosed by contour for depth, 32m	15° 17'.5 S	124° 28'.9 E
	depth, 17 ₂ m, enclosed by contour for depth, 23m	15° 19'.6 S	124° 18'.7 E
	depth, 15 ₂ m, for depth, 27 ₃ m	15° 21'.0 S	124° 17'.0 E
	drying height, 1 ₆ m, for depth, 2 ₁ m	15° 23'.1 S	124° 16'.7 E

Delete	depth, 10 ₅ m	15° 16'.0 S	124° 45'.6 E
	depth, 21 ₂ m	15° 12'.7 S	124° 34'.5 E

1179* AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Lippies Point - Marine farm
 Marine and Safety Tasmania (SIRF2016007600)

Aus 173 [1152/2016]

Insert dashed line and marine farm symbol, between

43° 21'.87 S	147° 04'.73 E
43° 23'.25 S	147° 03'.95 E
43° 23'.19 S	147° 03'.76 E
43° 21'.82 S	147° 04'.54 E
43° 21'.87 S	147° 04'.73 E

Delete marine farm, centred on

43° 22'.6 S	147° 04'.0 E
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1180(T)/2016 AUSTRALIA - QUEENSLAND - Brisbane River - Dredging operations

Date - Until 31 March 2017

Maritime Safety Queensland Notice 459(T)/2016 (SIRF2016007506)

The dredge *Brisbane* is conducting dredging operations in the Port of Brisbane from the entrance beacons (27° 18'.59 S 153° 12'.57 E) to the upstream end of Hamilton Reach (27° 26'.47 S 153° 03'.70 E).

The dredge will display appropriate lights and shapes and will monitor VHF Ch 12.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 236 - Aus 237 - Aus 238

1181(T)/2016 AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Harbour works; light beacon withdrawn

Former Notice - 1036(T)/2016 is cancelled

Maritime Safety Queensland Notice 351(T)/2016, 365/2016 (SIRF2016006030, SIRF2016006250, SIRF2016007441)

Works involving the construction of a new lead light and demolition of wharves are in progress between positions 27° 26'.50 S 153° 02'.81 E and 27° 26'.42 S 153° 03'.85 E.

Tugs and barges are on site and will display appropriate shapes and will monitor VHF Ch 12 and Ch 13.

A silt curtain exist in the area.

A 6 knot speed limit is in force for all vessels.

The starboard lateral light beacon, *Fl.G.2.5s* (27° 26'.42 S 153° 03'.85 E), has been removed.

Light buoys exist as follows:

<i>Position</i>	<i>Remarks</i>
27° 26'.43 S 153° 03'.78 E	special cylindrical, <i>Q.Y</i>
27° 26'.42 S 153° 03'.50 E	special cylindrical, <i>Q.Y</i>
27° 26'.40 S 153° 03'.25 E	special cylindrical, <i>Q.Y</i>
27° 26'.47 S 153° 02'.99 E	starboard lateral conical, <i>Fl.G.2.5s</i>
27° 26'.55 S 153° 03'.85 E	port lateral cylindrical, <i>Fl.R.2.5s</i>
27° 26'.46 S 153° 03'.87 E	starboard lateral conical, <i>Fl.G.2.5s</i>

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

1182(T)/2016 AUSTRALIA - QUEENSLAND - Gardner Bank - Wreck

Maritime Safety Queensland Notice 463(T)/2016 (SIRF2016007576)

A wreck exists in position 25° 07'.85 S 153° 27'.38 E. Floating nets exist near the surface.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 816

1183(T)/2016 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Dayman Point - Wreck

Maritime Safety Queensland Notice 464(T)/2016 (SIRF2016007575)

A wreck marked by a special light buoy, *Fl.Y.3s*, exists in position 25° 16'.18 S 152° 54'.31 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 241 - Aus 817

1184(T)/2016 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations completed*Former Notice* - 1075(T)/2016 is cancelled

Maritime Safety Queensland (SIRF2016007493)

Cancel this notice on receipt.

Chart formerly affected - Aus 249**1185(T)/2016 AUSTRALIA - QUEENSLAND - Mooloolaba - Dredging operations completed***Former Notice* - 887(T)/2016 is cancelled

Maritime Safety Queensland Notice 462/2016 (SIRF2016007554)

Cancel this notice on receipt.

Chart formerly affected - Aus 235**1186(T)/2016 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed***Former Notice* - 973(T)/2016 is cancelled

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

Cancel this notice on receipt.

Chart formerly affected - Aus 248 - Aus 260 - Aus 261 - Aus 367 - Aus 820 - Aus 822**1187(T)/2016 AUSTRALIA - CORAL SEA - Queensland Guyot - Underwater operations completed***Former Notice* - 1155(T)/2016 is cancelled

Australian Maritime Safety Authority (SIRF2016007581)

Cancel this notice on receipt.

Chart formerly affected - Aus 814 - Aus 815 - Aus 4635 (INT 635) - Aus 4643 (INT 643)**1188(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Seismic survey westwards***Date* - Until 30 April 2017

Schlumberger (SIRF2016007589)

Survey vessel, *Amazon Conqueror*, with a 8000m towed array is conducting a survey in an area bounded by the following positions:

20° 29'.92 S 114° 35'.08 E

20° 29'.86 S 113° 50'.29 E

21° 14'.90 S 113° 49'.90 E

21° 14'.86 S 113° 42'.32 E

21° 39'.44 S 113° 25'.46 E

21° 39'.66 S 114° 15'.49 E

21° 34'.61 S 114° 21'.62 E

21° 31'.30 S 114° 35'.08 E

20° 56'.77 S 114° 35'.08 E

20° 56'.77 S 114° 44'.82 E

20° 42'.91 S 114° 44'.84 E

20° 42'.92 S 114° 35'.08 E.

Mariners are advised to navigate with caution in the area. 6.5M clearance requested.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 743 - Aus 744 - Aus 4723 (INT 723) - Aus 4725 (INT 725)

1189(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Survey operations southwestwards*Date* - Until 14 December 2016

Blue Ocean Monitoring (SIRF2016007542)

An AUV is operating in an area bounded by the following positions:

19° 53'.07 S 115° 19'.44 E

19° 58'.02 S 115° 19'.08 E

19° 58'.54 S 115° 26'.71 E

19° 53'.62 S 115° 27'.06 E.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 4723 (INT 723)**1190(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Mooring buoys northeastwards**

Australian Offshore Solutions (SIRF2016007468)

12 lit yellow mooring buoys, *Fl.7s*, exist within 1.1M radius of 19° 43'.00 S 115° 48'.92 E.**Chart temporarily affected - Aus 327****1191(T)/2016 AUSTRALIA - VICTORIA - Cape Otway - Seismic survey westwards**

Australian Maritime Safety Authority Auscoast 315/16 (SIRF2016007596)

Vessel *Polarcus Amani* is conducting a survey in an area bounded by the following positions:

39° 13'.0 S 142° 56'.0 E

39° 13'.0 S 143° 20'.0 E

38° 47'.0 S 143° 20'.0 E

38° 47'.0 S 142° 56'.0 E.

Chart temporarily affected - Aus 349 - Aus 487 - Aus 787 - Aus 4728 (INT 728)**1192(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Rippleside Pier - Harbour works***Former Notice* - 1006(T)/2016 is cancelled

Victorian Regional Channels Authority Notice 316/2016 (SIRF2016007562)

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**1193(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Sorrento - Dredging operations**

Parks Victoria Notice 313(T)/2016 (SIRF2016007578)

Dredging operations are in progress in the vicinity of position 38° 20'.08 S 144° 44'.63 E.

All hazards to navigation will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 143**1194(T)/2016 AUSTRALIA - TASMANIA - Macquarie Harbour - Strahan - Harbour works***Date* - Until 30 November 2017

Marine and Safety Tasmania Notice M187/2016 (SIRF2016007513)

Works associated with the remediation of the wharf (42° 09'.21 S 145° 19'.75 E) are in progress.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 177

1195(T)/2016 AUSTRALIA - TASMANIA - River Tamar - Moriarty Reach - Scientific instruments
Marine and Safety Tasmania Notice M194/2016 (SIRF2016007555)

A marine current turbine exists on the surface within a 50m radius of position 41° 12'.27 S 146° 04'.95 E.

A subsurface scientific instrument, marked by a special buoy, exists in position 41° 12'.35 S 146° 54'.86 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 168

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Spitfire Channel	Light buoy missing Light buoy charted incorrectly	HMAS <i>Huon</i>	P Raheem A Willett
WA- Cape Leeuwin	Traffic separation scheme missing from chart Aus 758		
Brunswick Bay	Shoals	HMAS <i>Leeuwin</i>	

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>

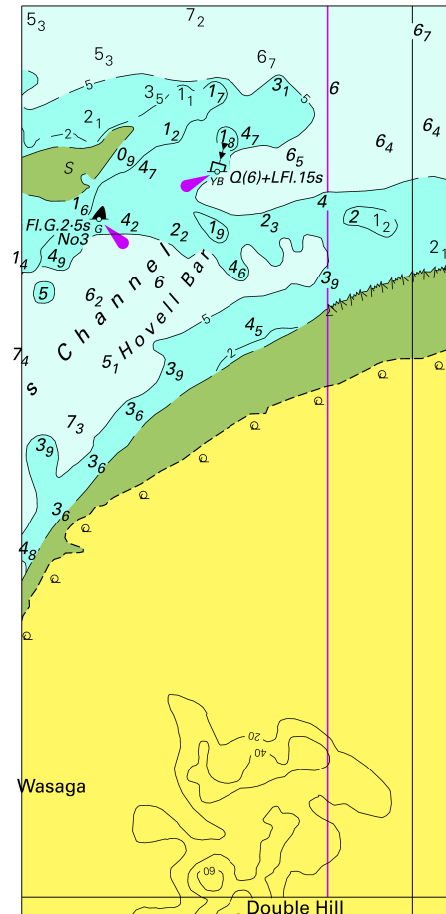
To accompany Australian Notice to Mariners 1177/2016

TRAFFIC SEPARATION

The Traffic Separation Scheme shown on this chart is a ships routing measure that has been adopted by the International Maritime Organisation. The International Regulations for Preventing Collisions at Sea (1972) apply to all vessels whether navigating within or outside the Traffic Separation Scheme.

Note for chart Aus 758

To accompany Australian Notice to Mariners 1173/2016

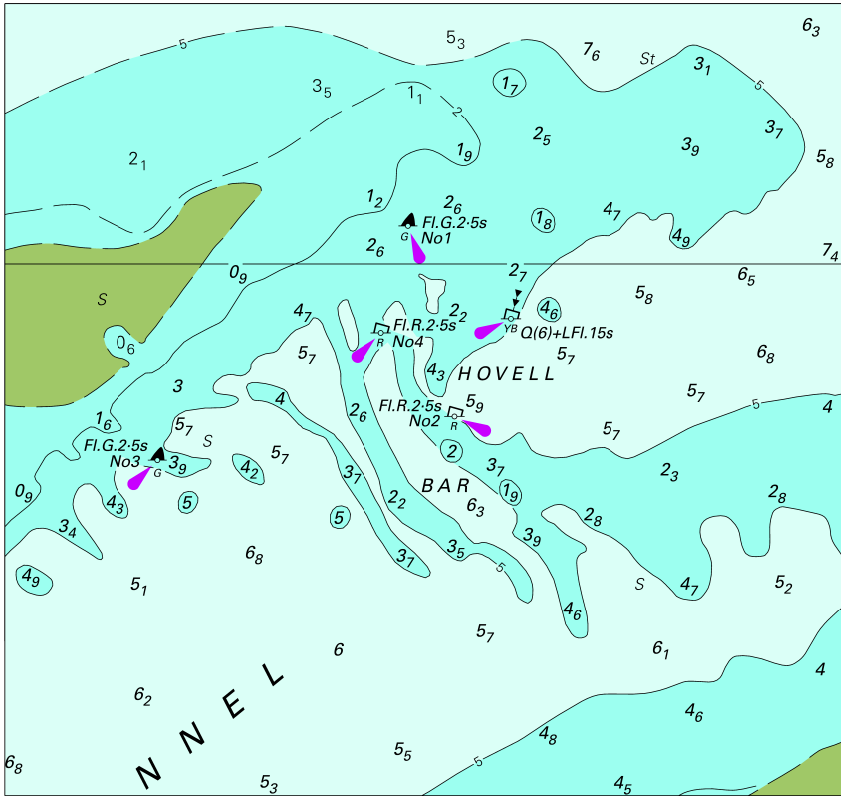


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Block for Chart Aus 293

(56.8 x 120.4mm)

To accompany Australian Notice to Mariners 1173/2016

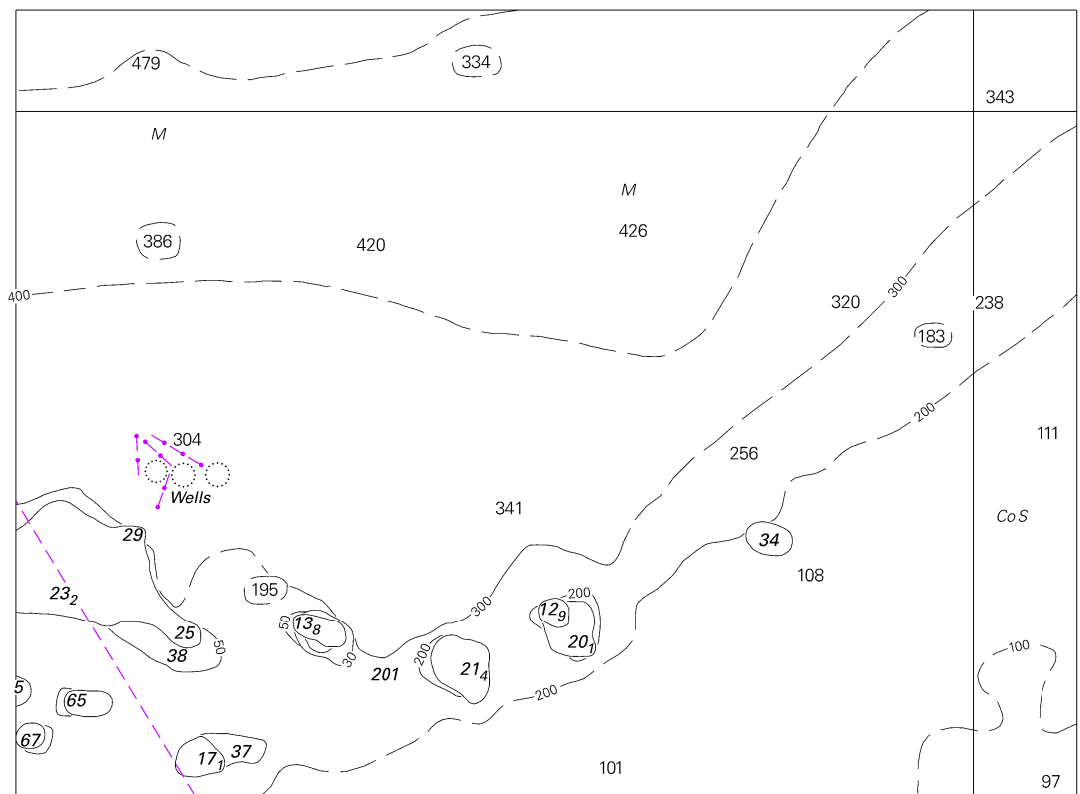


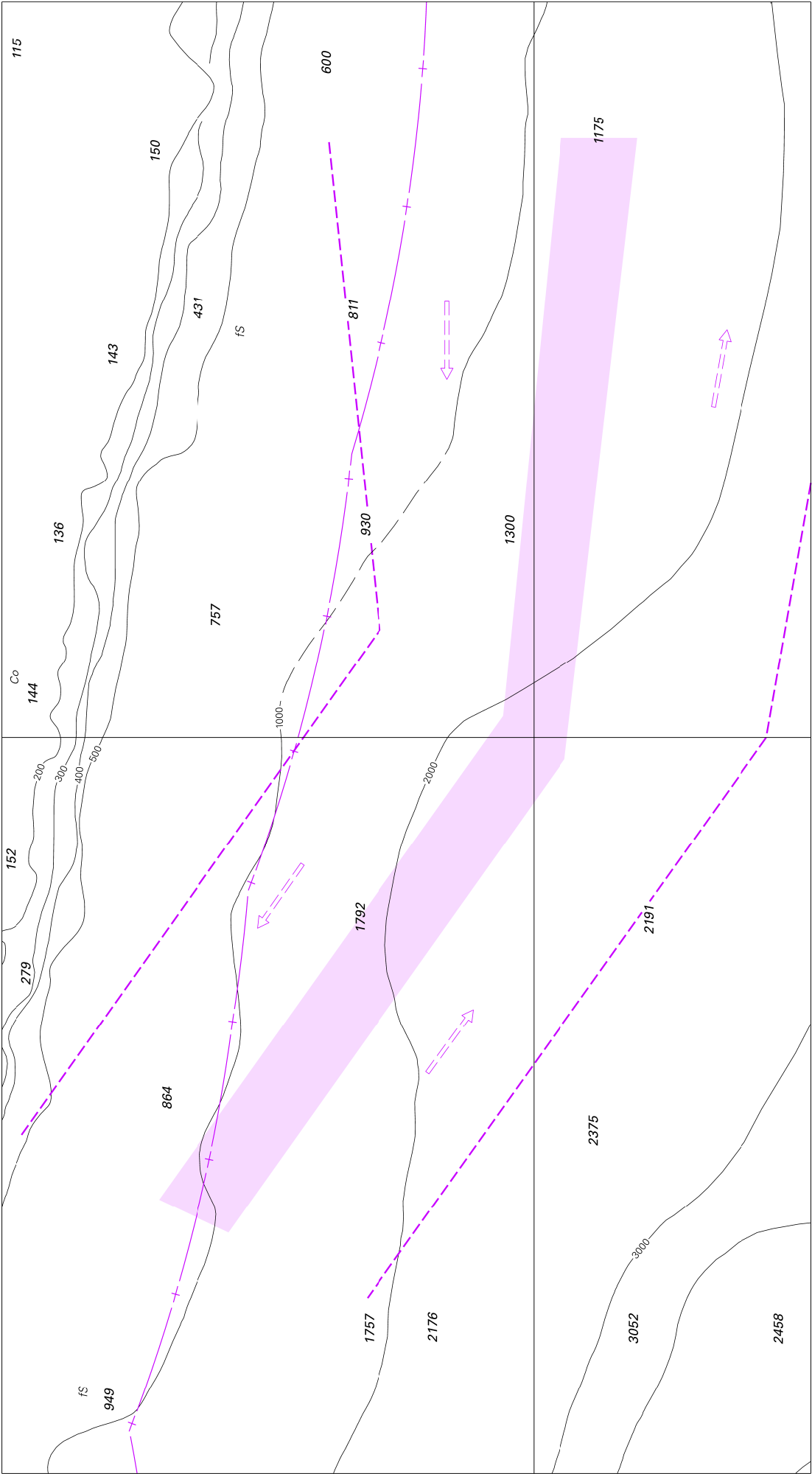
Block for Chart Aus 299

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(110.8 x 104.7mm)

To accompany Australian Notice to Mariners 1176/2016





(264.1 x 145.2mm)

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Block for Chart Aus 758