



21 October 2016

Edition 21

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

AUSTRALIAN NOTICES TO MARINERS

Notices 1100 - 1132



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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1100 AUSTRALIA - Products - New Charts, New Editions, Withdrawn Charts

Australian Hydrographic Service (AA922070)

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				

Australian National Tide Tables 2017

<i>AHP No</i>	<i>Title</i>	<i>Recommended retail price (incl GST)</i>	<i>Remarks</i>
AHP114	Australian National Tide Tables 2017	\$59.95	Electronic Tide Tables (AusTides 2017) for Australia, Antarctica, Papua New Guinea, Solomon Islands and Timor-Leste. Provides tidal data for 2016 and 2017. Available from accredited distribution agents.

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.

1101 AUSTRALIA - Products- New Charts and New Editions to be published shortly

Australian Hydrographic Service (AA897306, AA897066)

New Charts to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>	<i>Remarks</i>
Aus 64	Australia - West Coast - Western Australia - Approaches to Port of Ashburton and Onslow	1:50 000	4 November 2016	New chart with general updating throughout; including coastline, infrastructure and new bathymetric data. Chart Aus 64 Edition 1 dated 22 February 2002 will be withdrawn from use.

New Editions to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>	<i>Remarks</i>
Aus 81	Australia - West Coast - Western Australia - Approaches to Geraldton Plan: Port of Geraldton	1:25 000 1:7 500	4 November 2016	New edition with general updating throughout; including coastline, infrastructure and new bathymetric data.
Aus 622	Papua New Guinea - South Coast - Port Moresby Plan: Port Moresby and Napa Napa Wharves	1:15 000 1:7 500	4 November 2016	New edition with general updating throughout; including coastline, infrastructure and new bathymetric data.
Aus 679	Papua New Guinea - New Britain - Duke of York Group Plan: Mioko Harbour	1:37 500 12 500	4 November 2016	New edition with general updating throughout; including coastline, infrastructure and new bathymetric data.

1102 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2016 and 2017

Australian Hydrographic Service (AA912193)

ANTT 2016

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Delete Barrow Island - Tanker Mooring To Chart Datum AUS 62 NC 20 AUG 2004 Add 0.1
 Barrow Island - Wapet Landing To Chart Datum AUS 62 NC 20 AUG 2004 0.0

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Delete Carnarvon To Chart Datum AUS 747 NE 21 JUL 2000 0.0

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Delete Denham To Chart Datum AUS 748 NC 29 MAR 1994 0.0
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ANTT 2017

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Amend Anewa Bay To Chart Datum AUS 683 NE 26 AUG 2016 SUBTRACT 0.1
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 Barrow Island - Wapet Landing To Chart Datum AUS 62 NC 20 AUG 2004 0.0

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1103* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Towra Point to Hayes Dock - Light buoys

Port Authority of New South Wales Notice 16/2016 (SIRF2016006868)

Aus 196 [863/2016]

Delete light buoy 33° 57'.85 S 151° 11'.64 E

Aus 198 [1060/2016]

Delete light buoy 34° 00'.07 S 151° 10'.61 E

1104* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Parramatta River - Light beacons

Port Authority of New South Wales (SIRF2016006788)

Aus 203 [1018/2016]

Amend light beacon to *F.Bu* 33° 49'.40 S 151° 03'.32 E
 light beacon to *F.Bu* 33° 49'.41 S 151° 03'.38 E
 bearing to 080.3° 33° 49'.45 S 151° 03'.32 E

Aus 203 (inset, Parramatta River) [1018/2016]

Amend light beacon to *F.Bu* 33° 49'.40 S 151° 03'.32 E
 light beacon to *F.Bu* 33° 49'.41 S 151° 03'.38 E
 bearing to 080.3° 33° 49'.45 S 151° 03'.32 E

1105* AUSTRALIA - QUEENSLAND - Moreton Bay - Rous Channel - Depths; nav aids

Former Notice - 888(T)/2016 is cancelled

Maritime Safety Queensland Notice 355/2016, 395/2016 (SIRF2016005760, SIRF2016006117, SIRF2016006545, SIRF2016006798)

Aus 236 [954/2016]

Insert	accompanying block	27° 22'.8 S	153° 25'.0 E
Amend	light beacon to <i>Fl.R.2-5s No14</i>	27° 24'.2 S	153° 20'.1 E

1106* AUSTRALIA - QUEENSLAND - Weipa - Embley River - Light buoys

Maritime Safety Queensland Notice 428/2016 (SIRF2016007046, SIRF2016007136)

Aus 4 (plan, Port of Weipa) [550/2016]

Insert	yellow barrel mooring buoy, Q	12° 41'.398 S	141° 52'.937 E
Move	light buoy	12° 41'.73 S	141° 52'.78 E
	to	12° 41'.718 S	141° 52'.762 E
	light buoy	12° 41'.47 S	141° 53'.10 E
	to	12° 41'.458 S	141° 53'.064 E

1107* AUSTRALIA - WESTERN AUSTRALIA - Bedout Island - Light

Australian Maritime Safety Authority Final ATH 78/2016 (SIRF2016006890)

Aus 739 [1030/2016]

Move	light	19° 35'.3 S	119° 06'.1 E
	to	19° 35'.35 S	119° 05'.99 E

1108* AUSTRALIA - WESTERN AUSTRALIA - Bedout Island - Depths westwards

Geoscience Australia (DSID 2235282), UKHO (SIRF2016007142)

Aus 326 [1030/2016]

Insert	depth, 24 ₇ m	19° 37'.53 S	118° 44'.52 E
Delete	depth, 27m	19° 38'.8 S	118° 43'.8 E

1109* AUSTRALIA - WESTERN AUSTRALIA - Bonaparte Archipelago - D'Arcole Islands - Museums Island - DepthsHMAS *Leeuwin* (SIRF2016006990, SIRF2016007163)**Aus 37 [638/2013]**

Insert	depth, 5 ₇ m, enclosed by contour	14° 58'.05 S	124° 46'.12 E
	depth, 8 ₇ m, enclosed by contour	14° 58'.68 S	124° 47'.07 E
Delete	depth, 14 ₉ m	14° 58'.0 S	124° 46'.1 E

Aus 320 [1067/2016]

Insert	depth, 5 ₇ m, and extend contour E to enclose	14° 58'.05 S	124° 46'.12 E
	depth, 8 ₇ m, enclosed by contour	14° 58'.68 S	124° 47'.07 E
	depth, 6 ₈ m, enclosed by contour	14° 58'.67 S	124° 44'.56 E
Delete	depth, 5 ₈ m	14° 58'.3 S	124° 45'.6 E
	depth, 23 ₈ m	14° 58'.1 S	124° 46'.7 E
	depth, 19m, and enclosing contour	14° 58'.8 S	124° 46'.5 E

Aus 730 [1067/2016]

Insert	depth, 5 ₇ m, enclosed by contour	14° 58'.05 S	124° 46'.12 E
	depth, 8 ₇ m, enclosed by contour	14° 58'.68 S	124° 47'.07 E
	depth, 6 ₈ m, enclosed by contour	14° 58'.67 S	124° 44'.56 E

1110* AUSTRALIA - WESTERN AUSTRALIA - Broome - Depths
 Department of Transport WA (SIRF2016006971)

Aus 50 [753/2016]

Insert	depth, 0_8m , enclosed by contour	17° 59'.19 S	122° 10'.54 E
	depth, 1_3m , enclosed by contour	17° 59'.43 S	122° 10'.74 E
	depth, 0_8m , and extend contour SW to enclose	17° 59'.61 S	122° 11'.10 E
	drying, 0_8m , enclosed by contour	18° 00'.54 S	122° 13'.46 E
	depth, $2m$, enclosed by contour	17° 58'.03 S	122° 10'.38 E
	depth, 0_4m , and extend contour SW to enclose	17° 58'.34 S	122° 10'.32 E
	rock which covers and uncovers enclosed by danger circle	17° 58'.53 S	122° 10'.27 E
	depth, 4_8m , enclosed by contour	17° 58'.82 S	122° 10'.25 E
	depth, 7_6m , and extend contour W to enclose	17° 57'.28 S	122° 10'.90 E
Delete	depth, 3_4m	17° 59'.4 S	122° 10'.8 E
	depth, 3_4m	18° 00'.5 S	122° 13'.4 E
	depth, 2_8m	17° 58'.1 S	122° 10'.4 E

Aus 51 [812/2016]

Insert	depth, 0_8m , enclosed by contour	17° 59'.191 S	122° 10'.535 E
	depth, 1_3m , enclosed by contour	17° 59'.427 S	122° 10'.741 E
	depth, 0_8m , enclosed by contour	17° 59'.607 S	122° 11'.102 E
	depth, 19_8m , enclosed by contour	18° 00'.935 S	122° 12'.692 E
	drying, 0_8m , enclosed by contour	18° 00'.539 S	122° 13'.455 E
Delete	depth, 3_4m	17° 59'.42 S	122° 10'.77 E

1111* AUSTRALIA - WESTERN AUSTRALIA - Cape Leeuwin - Traffic separation scheme
 Australian Maritime Safety Authority (SIRF2016004641)

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

Aus 335 [701/2016]

Insert	accompanying block	34° 19'.0 S	114° 45'.0 E
	accompanying note	34° 17'.0 S	115° 56'.0 E

Aus 336 [34/2015]

Insert	accompanying block	35° 29'.0 S	116° 32'.0 E
	accompanying note	34° 44'.0 S	117° 20'.0 E

Aus 756 [701/2016]

Insert	accompanying block A	34° 04'.5 S	114° 39'.0 E
	accompanying block B	34° 15'.0 S	114° 44'.0 E
	accompanying block C	34° 25'.0 S	114° 46'.0 E
	accompanying note	33° 53'.0 S	115° 06'.0 E

Aus 757 [1225/2014]

Insert	accompanying block A	34° 22'.0 S	114° 45'.0 E
	accompanying block B	34° 37'.0 S	114° 54'.0 E
	accompanying note	34° 30'.0 S	116° 00'.0 E

1112* AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Anchorages
Fremantle Ports (SIRF2016003793)

Aus 111 [128/2016]

Insert	accompanying block A	32° 11'.5 S	115° 41'.9 E
	accompanying block B	32° 12'.0 S	115° 42'.3 E

Aus 114 [817/2016]

Insert	accompanying block A	32° 10'.7 S	115° 42'.2 E
	accompanying block B	32° 11'.7 S	115° 42'.4 E

Aus 117 [1029/2016]

Insert	accompanying block	32° 11'.3 S	115° 42'.1 E
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1113* AUSTRALIA - WESTERN AUSTRALIA - Useless Loop - Blind Strait - Light beacon
Department of Transport WA Notice WA661/Ed3/9 (SIRF2016006935)

Aus 74 [763/2016]

Insert	light beacon, <i>Fl.R.3s No18</i> , with port lateral topmark	26° 05'.40 S	113° 14'.57 E
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Delete	beacon	26° 05'.4 S	113° 14'.6 E
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1114* AUSTRALIA - WESTERN AUSTRALIA - Viney Passage - Depth
UKHO (SIRF2016007162)

Aus 323 [818/2016]

Substitute	depth, <i>14₅m</i> , for depth, <i>16₇m</i>	16° 01'.3 S	124° 03'.1 E
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1115* AUSTRALIA - VICTORIA - Barwon Heads - Light
Barwon Coast Committee of Management Inc (SIRF2016003202)

Aus 349 [394/2016]

Delete	light	38° 17'.0 S	144° 29'.7 E
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1116* AUSTRALIA - VICTORIA - Port Phillip - Martha Point - Light buoy
Parks Victoria Notice 263/2016 (SIRF2016006557, SIRF2016006784)

Aus 143 [922/2016]

Move	light buoy	38° 16'.65 S	144° 58'.51 E
	to	38° 16'.47 S	144° 58'.36 E

Aus 158 [1033/2016]

Move	light buoy	38° 16'.65 S	144° 58'.51 E
	to	38° 16'.472 S	144° 58'.359 E

1117* AUSTRALIA - VICTORIA - Port Phillip - Wyndham Marina - Light
Parks Victoria (SIRF2016003333)

Aus 143 [1116/2016]

Amend	light to <i>WRG</i>	37° 58'.2 S	144° 42'.5 E
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Aus 155 [963/2016]

Amend	light to <i>WRG 3M</i>	37° 58'.15 S	144° 42'.53 E
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1118* AUSTRALIA - TASMANIA - Ansons Bay - Beacon
Marine and Safety Tasmania Notice M171/2016 (SIRF2016006921)

Aus 767 [265/2014]

Delete	beacon	41° 03'.7 S	148° 17'.9 E
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1119* AUSTRALIA - TASMANIA - Flinders Island - Sellars Point - Rock southeastwards
 CSIRO (SIRF2016006655), Australian Hydrographic Service (SIRF2016006988)

Aus 487 [394/2016]

Delete	underwater rock and enclosing danger circle with legend Minnie Carmichael Rep (1884)	40° 01'.4 S	148° 33'.2 E
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Aus 800 [1034/2016]

Delete	underwater rock and enclosing danger circle with legend Minnie Carmichael Rep (1884)	40° 01'.4 S	148° 33'.2 E
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Aus 4601 (INT 601) [1098/2015]

Delete	underwater rock and enclosing danger circle	40° 01'.4 S	148° 33'.2 E
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Aus 4644 (INT 644) [880/2016]

Delete	underwater rock and enclosing danger circle with legend (1884)	40° 01'.4 S	148° 33'.2 E
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1120(T)/2016 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Yarra Bay - Scientific instrument
Port Authority of New South Wales Notice 16/2016 (SIRF2016006868)

A special spherical light buoy, *Fl(5)Y.20s*, exists in position 33° 59'.2 S 151° 13'.2 E.

Chart temporarily affected - Aus 196 - Aus 198

1121(T)/2016 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations

Date - Until 23 December 2016

Maritime Safety Queensland (SIRF2016007045)

Dredging operations are in progress at the naval base (16° 56'.20 S 145° 46'.73 E).

Anchor wires marked by special light buoys, *Fl.Y.4s*, may exists across the entrance to the naval base.

Chart temporarily affected - Aus 263 - Aus 264

1122(T)/2016 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Channel - Light buoy

Maritime Safety Queensland Notice 406(T)/2016 (SIRF2016006694)

A starboard lateral pillar light buoy, *Fl.G.2·5s*, exists in position 27° 02'.90 S 153° 16'.30 E.

Chart temporarily affected - Aus 235 - Aus 236

1123(T)/2016 PAPUA NEW GUINEA - Gulf of Papua to Uluma Reef - Survey operations

National Maritime Safety Authority PNG Notice 54(T)/2016 (SIRF2016007049), Australian Maritime Safety Authority NAVX 63/2016 (SIRF2016007087), Searcher Seismic Pty Ltd (SIRF2016007108)

MV *Duke* and BGP *Explorer* are conducting survey operations in an area bounded by the following positions:

9° 59'.27 S 147° 33'.17 E
8° 07'.81 S 145° 35'.18 E
7° 56'.37 S 143° 55'.17 E
9° 40'.80 S 144° 31'.33 E
12° 15'.00 S 146° 20'.00 E
12° 15'.00 S 150° 49'.00 E
10° 47'.50 S 150° 49'.00 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 377 - Aus 378 - Aus 379 - Aus 502 - Aus 505 - Aus 506 - Aus 507 - Aus 508 - Aus 621 - Aus 623 - Aus 625 - Aus 647 - Aus 840 - Aus 4620 (INT 620) - Aus 4621 (INT 621) - Aus 4622 (INT 622)

1124(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Wreck

Department of Infrastructure, Planning and Logistics NT Notice 93(T)/2016 (SIRF2016007158, SIRF2016007173)

A wreck, marked by two special light buoys *Q.Y.*, exists in position 12° 28'.61 S 130° 51'.93 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 25 - Aus 26 - Aus 28

1125(T)/2016 AUSTRALIA - NORTHERN TERRITORY - Melville Island - Seismic survey northwards completed

Former Notice - 836(T)/2016 is cancelled

ConocoPhillips Australia (SIRF2016007055, SIRF2016007131))

Cancel this notice on receipt.

Chart formerly affected - Aus 310 - Aus 4721 (INT 721)

1126(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Ashburton - Harbour works completed

Former Notice - 985(T)/2016 is cancelled
Pilbara Ports Authority (SIRF2016007002)

Cancel this notice on receipt.

Chart formerly affected - Aus 69

1127(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments

Date - Until 26 November 2016
Pilbara Ports Authority Notice PH14(T)/2016 (SIRF2016007062)

Subsurface scientific instruments exist in the following positions:

20° 14'.41 S 118° 35'.38 E
20° 18'.34 S 118° 34'.49 E
20° 19'.06 S 118° 34'.40 E
20° 19'.49 S 118° 34'.40 E
20° 19'.85 S 118° 35'.10 E.

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

1128(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Mooring buoys southwestwards removed

Former Notice - 1093(T)/2016 is cancelled
Australian Maritime Safety Authority (SIRF2016007008)

Cancel this notice on receipt.

Chart formerly affected - Aus 328

1129(T)/2016 AUSTRALIA - WESTERN AUSTRALIA - Safety Bay - Dredging operations

Date - Until 31 December 2016
Department of Transport WA Notice 120/2016 (SIRF2016007166)

The dredge *Swan V* is conducting dredging operations in Safety Bay (32° 18'.5 S 115° 43'.1 E).

A floating and submerged pipeline marked by orange light buoys is connected to the dredge.

The dredge will display appropriate lights and shapes.

Mariners are required to contact the dredge on VHF Ch 73, UHF Ch 15 or Marine 27 MHz Ch 90 prior to passing the dredge and are advised to navigate with caution in the area.

Chart temporarily affected - Aus 116

1130(T)/2016 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Dredging operations

Date - Until 19 November 2016
Parks Victoria Notice 294(T)/2016 (SIRF2016007135)

Dredging operations are in progress in the entrance to Patterson River (38° 04'.41 S 145° 07'.17 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

1131(T)/2016 AUSTRALIA - TASMANIA - Storm Bay - Scientific instrument removed

Former Notice - 946(T)/2016 is cancelled
Marine and Safety Tasmania Notice M172/2016 (SIRF2016006953)

Cancel this notice on receipt.

Chart formerly affected - Aus 171 - Aus 796

1132(T)/2016 NEW ZEALAND - AUSTRALIA - Survey operations

EGS Survey Pty Ltd (SIRF2016006420)

MV *Geo Resolution* is conducting survey operations between the following positions:

27° 42'.55 S 168° 49'.07 E
 28° 40'.91 S 169° 31'.98 E
 28° 59'.05 S 170° 12'.05 E
 29° 23'.95 S 170° 36'.26 E
 30° 15'.65 S 170° 55'.88 E
 30° 41'.80 S 171° 20'.84 E
 30° 49'.27 S 171° 37'.65 E
 32° 05'.90 S 173° 14'.44 E
 32° 43'.78 S 174° 16'.63 E
 33° 24'.55 S 174° 51'.27 E
 33° 56'.95 S 175° 00'.96 E
 34° 13'.39 S 174° 57'.96 E
 35° 30'.00 S 175° 05'.16 E
 35° 58'.81 S 174° 51'.30 E
 36° 04'.30 S 174° 35'.58 E.

MV *Geo Resolution* and MV *Arana* are conducting survey operations between the following positions:

26° 19'.66 S 170° 57'.23 E
 26° 42'.09 S 170° 10'.83 E
 28° 36'.93 S 167° 35'.54 E
 28° 53'.50 S 167° 07'.00 E
 31° 35'.41 S 163° 51'.66 E
 32° 28'.49 S 160° 36'.17 E
 32° 49'.46 S 158° 21'.93 E
 33° 37'.23 S 156° 39'.12 E
 34° 12'.37 S 154° 42'.79 E
 34° 17'.55 S 154° 29'.99 E
 34° 25'.78 S 154° 21'.44 E
 34° 32'.41 S 154° 10'.14 E
 34° 41'.74 S 154° 00'.60 E
 34° 50'.22 S 153° 48'.75 E
 34° 52'.90 S 153° 37'.47 E
 34° 50'.61 S 153° 13'.75 E
 34° 44'.56 S 152° 31'.72 E
 34° 33'.29 S 151° 55'.13 E
 34° 26'.77 S 151° 45'.18 E
 34° 22'.07 S 151° 41'.63 E
 34° 18'.02 S 151° 35'.20 E
 34° 10'.41 S 151° 26'.58 E
 33° 58'.00 S 151° 20'.74 E
 33° 55'.81 S 151° 16'.11 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 197 - Aus 198 - Aus 489 - Aus 609 - Aus 808 - Aus 4060 (INT 60) - Aus 4601 (INT 601) - Aus 4602 (INT 602) - Aus 4643 (INT 643)

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Hope Banks	Missing topmark		CMDR K McGregor
WA- Brunswick Bay	Shoals	HMAS <i>Leeuwin</i>	
SOLOMON ISLANDS- Honiara	Entry leads	HMAS <i>Huon</i>	
MALAYSIA-	Buoy, tower, underwater object	HMAS <i>Yarra</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 1111/2016

TRAFFIC SEPARATION

The Traffic Separation Scheme shown on this chart is a ships routeing 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 335

To accompany Australian Notice to Mariners 1111/2016

TRAFFIC SEPARATION

The Traffic Separation Scheme shown on this chart is a ships routeing 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 756

To accompany Australian Notice to Mariners 1111/2016

TRAFFIC SEPARATION

The Traffic Separation Scheme shown on this chart is a ships routeing 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 336

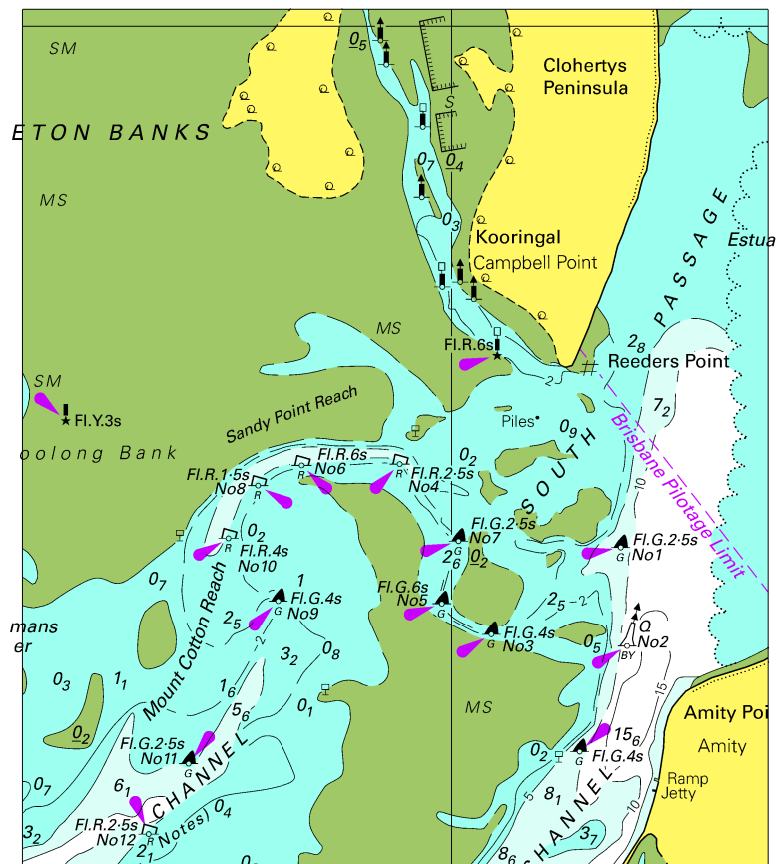
To accompany Australian Notice to Mariners 1111/2016

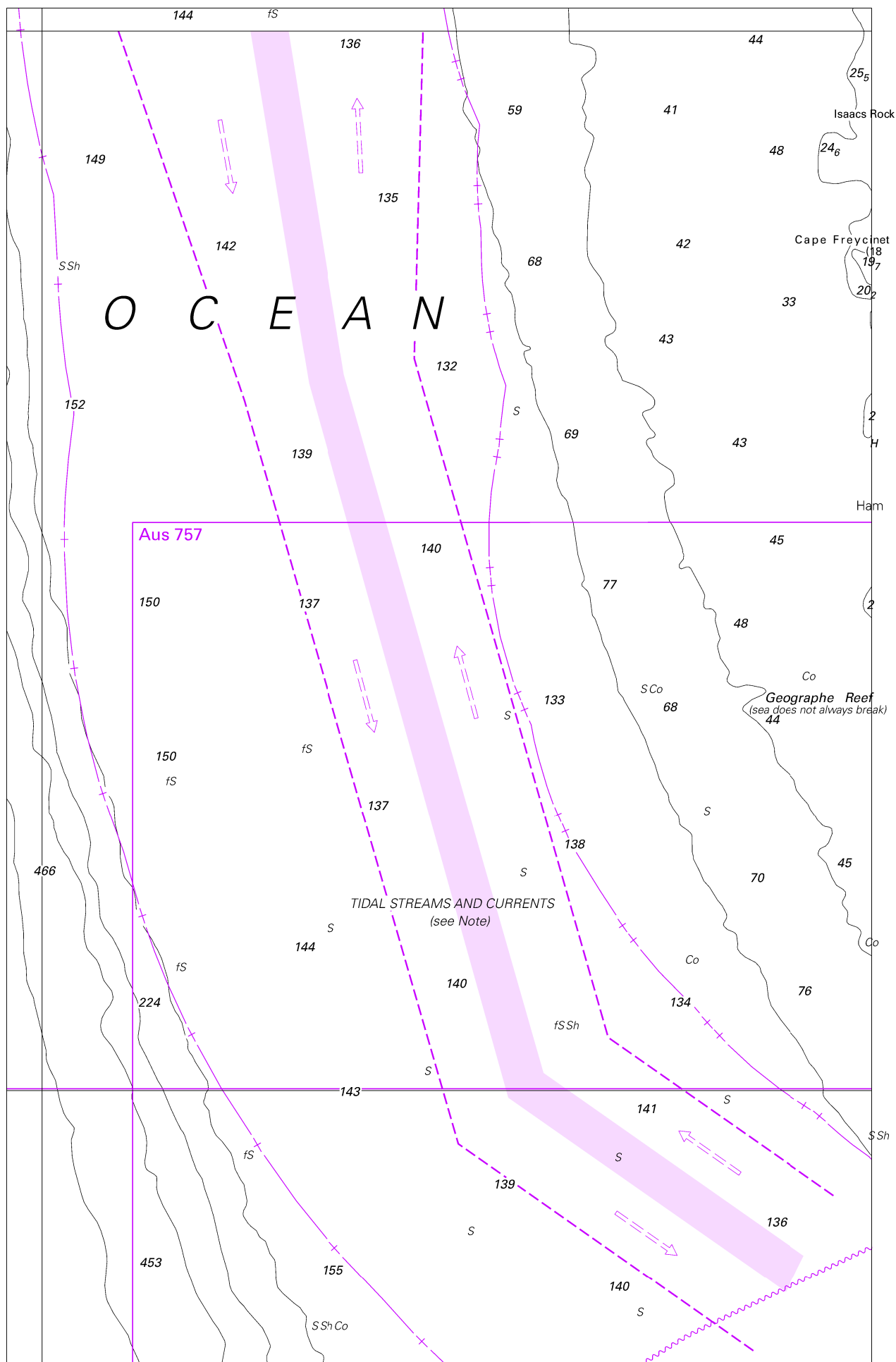
TRAFFIC SEPARATION

The Traffic Separation Scheme shown on this chart is a ships routeing 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.

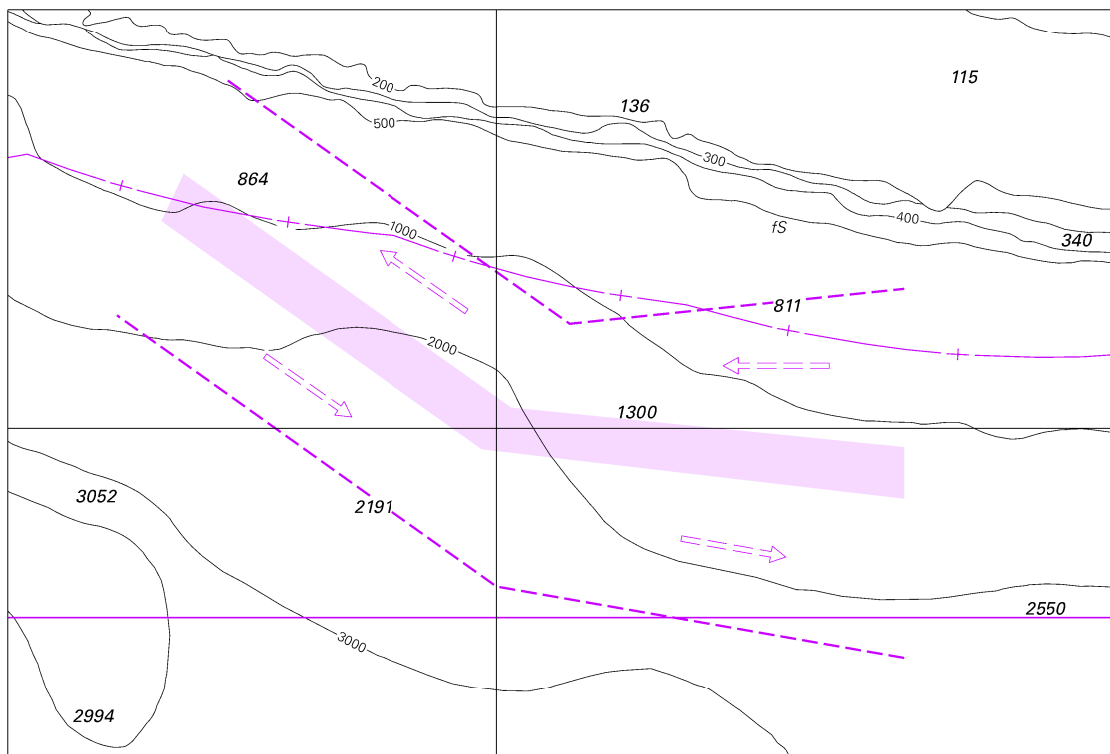
Note for chart Aus 757

To accompany Australian Notice to Mariners 1105/2016





To accompany Australian Notice to Mariners 1111/2016

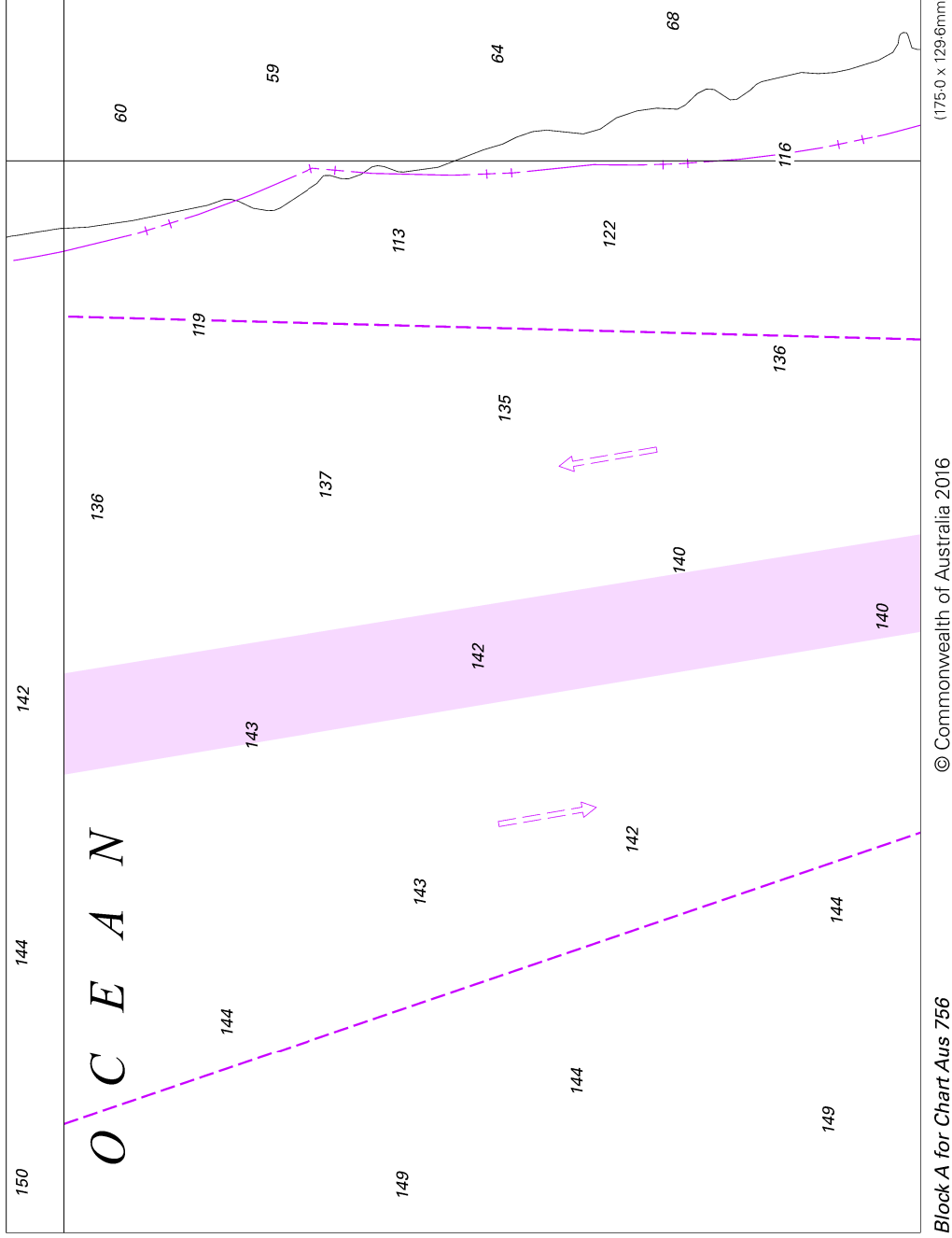


Block for Chart Aus 336

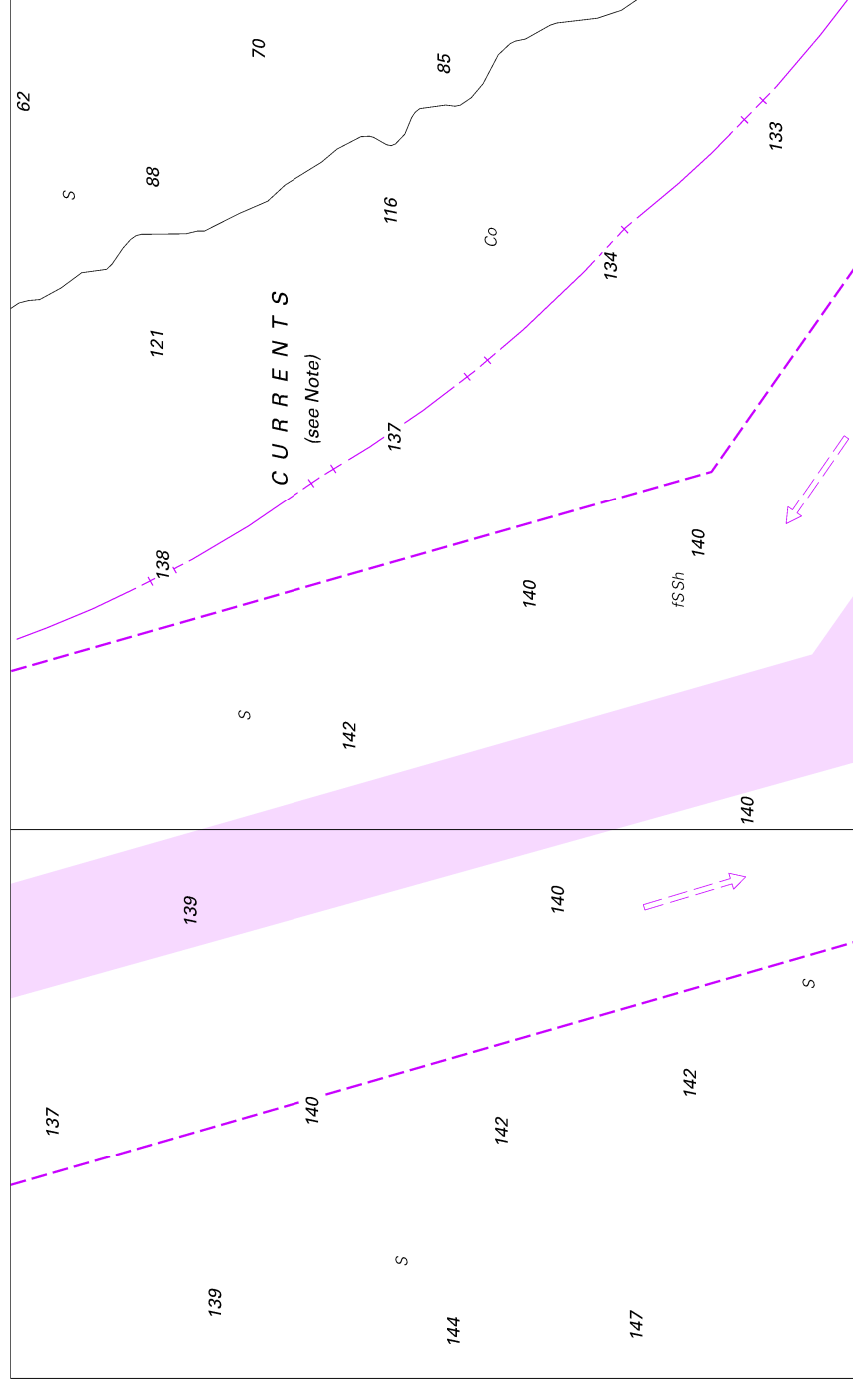
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(145.9 x 98.9mm)

To accompany Australian Notice to Mariners 1111/2016



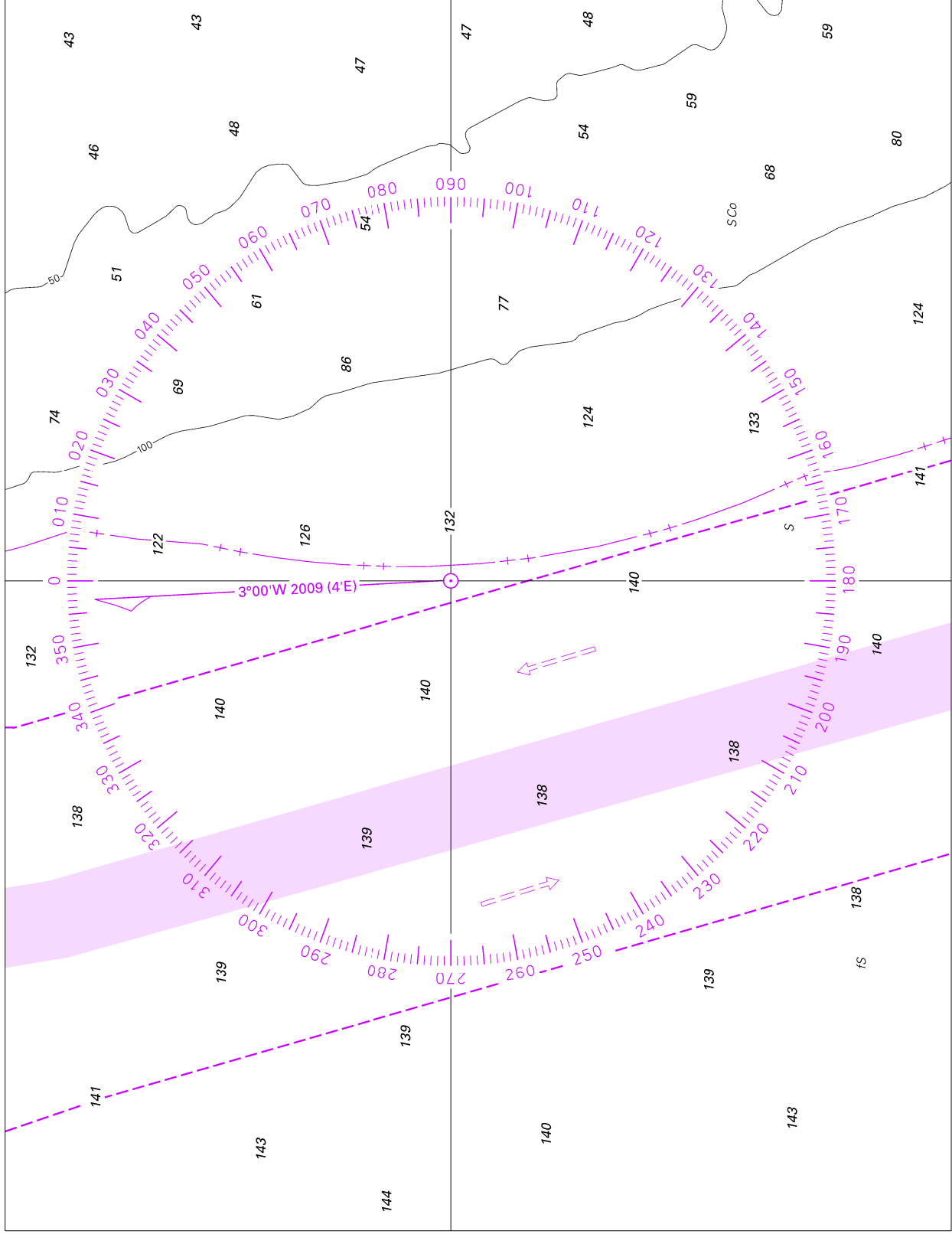
To accompany Australian Notice to Mariners 1111/2016



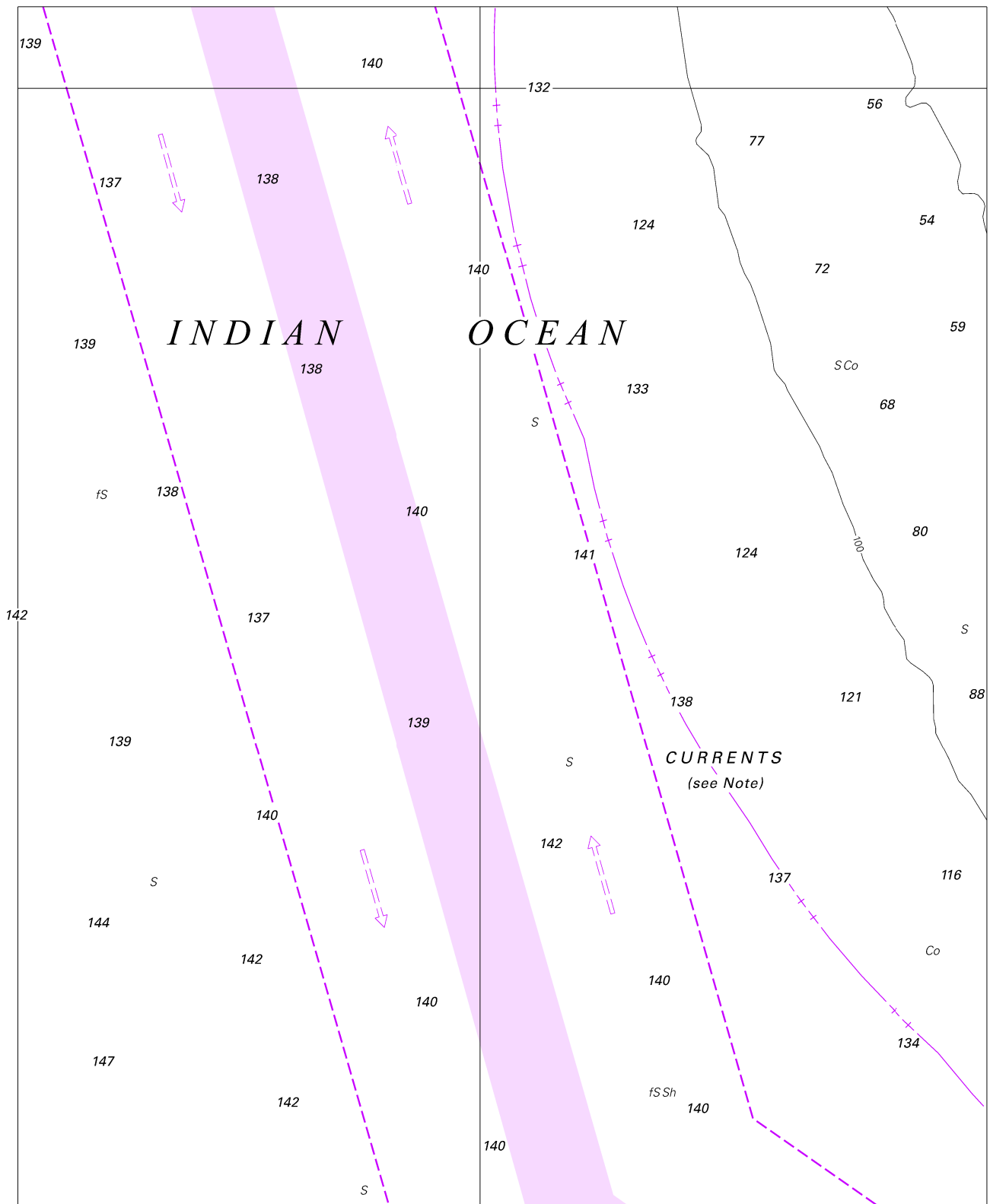
Block C for Chart Aus 756

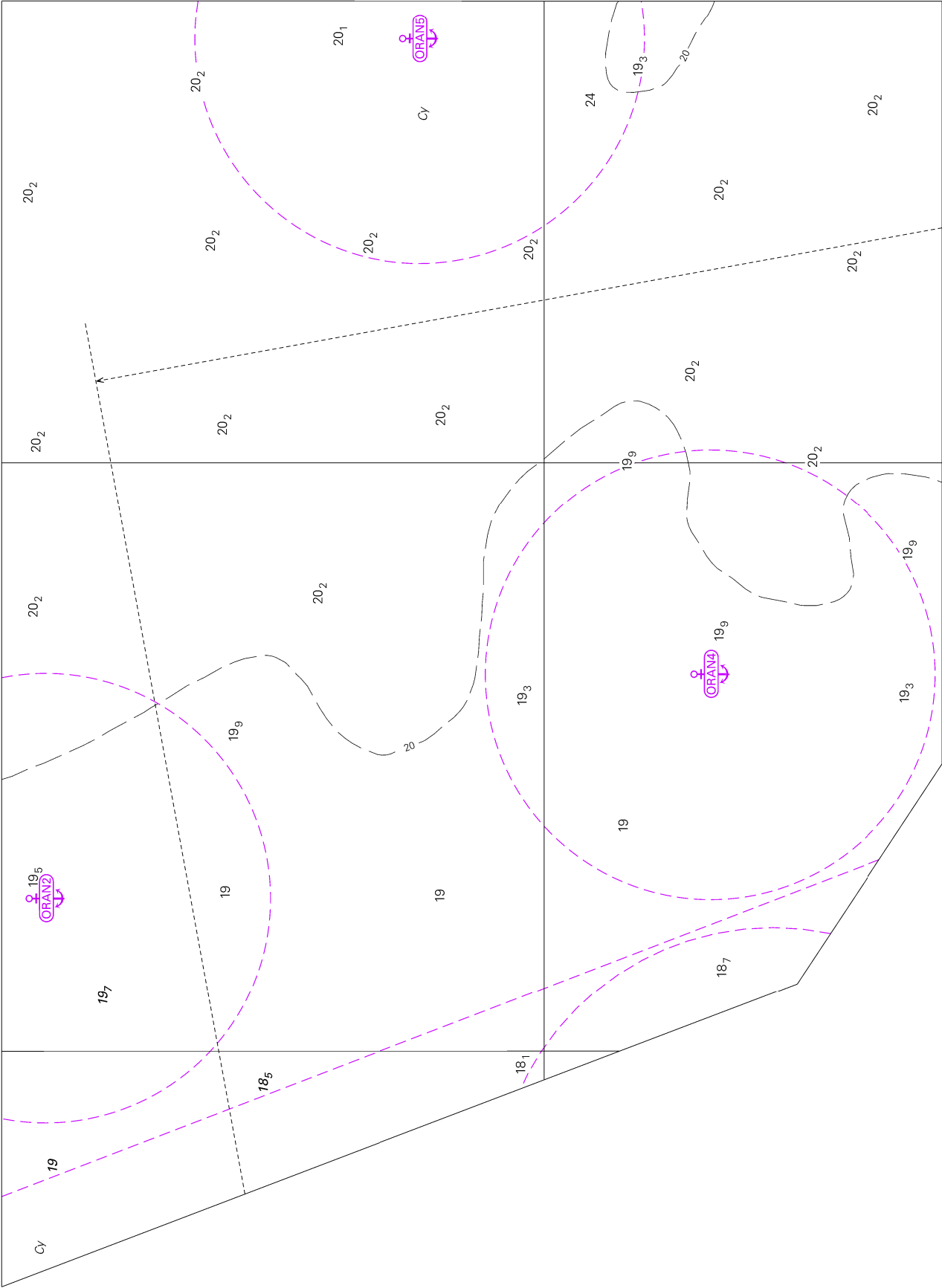
© Commonwealth of Australia 2016

(182.7 x 111.7mm)

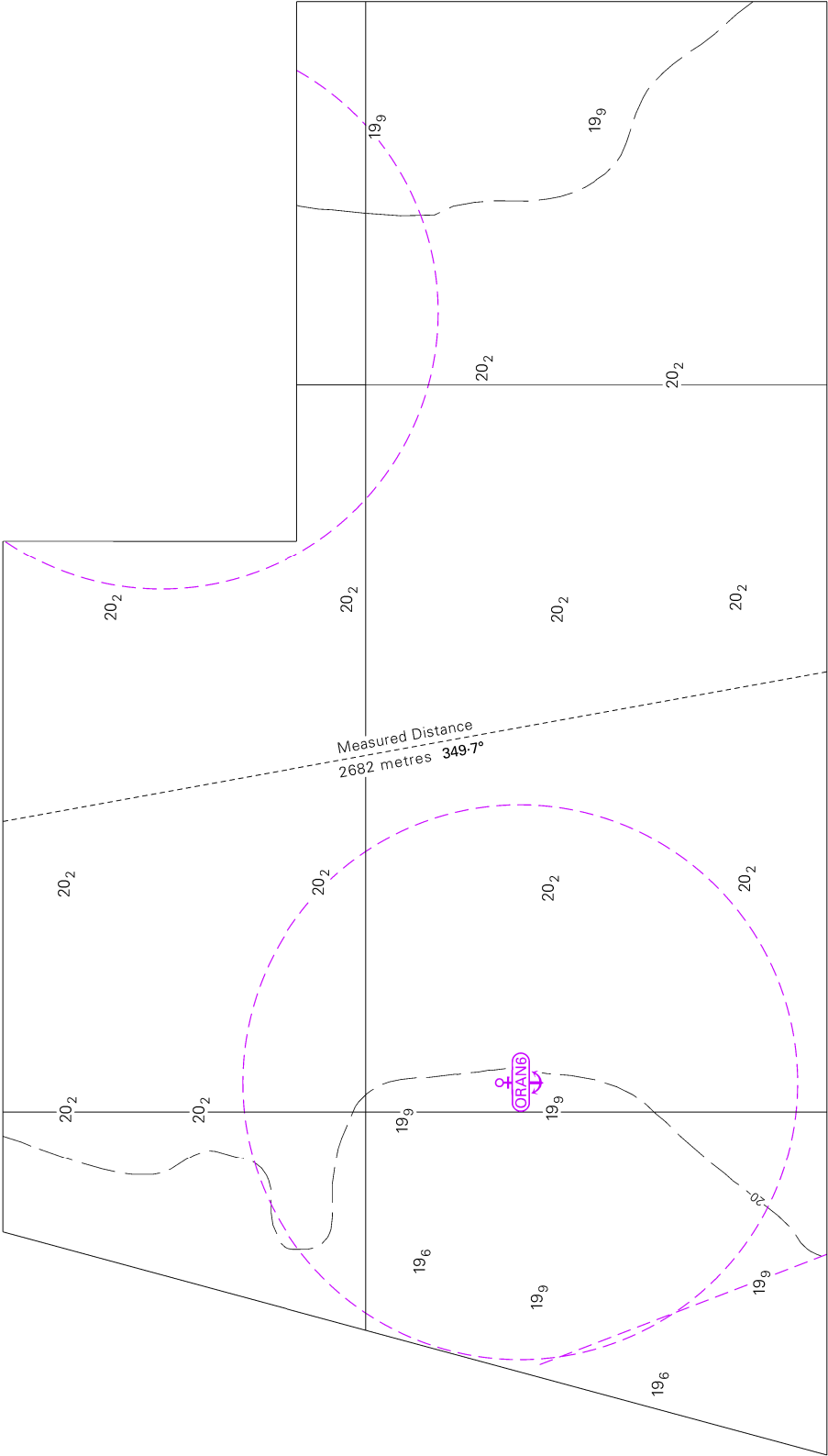


To accompany Australian Notice to Mariners 1111/2016





To accompany Australian Notice to Mariners 1112/2016

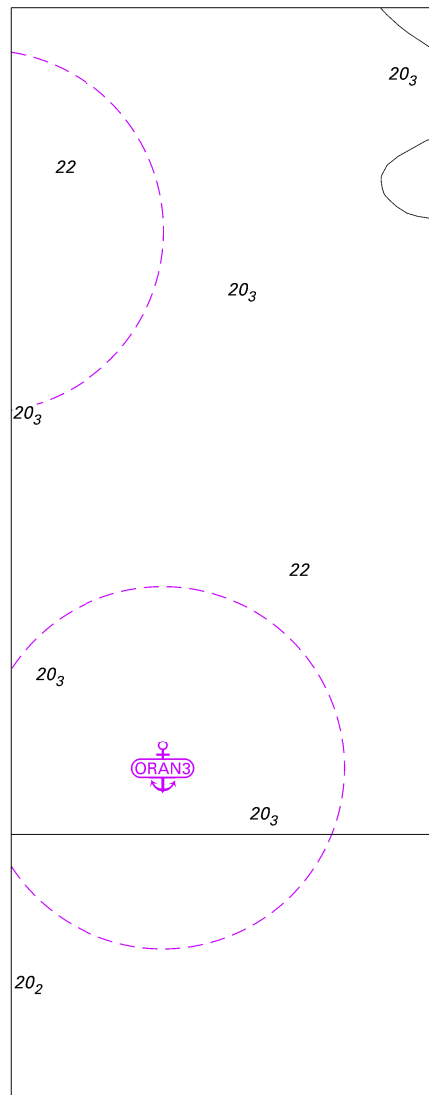


(209.5 x 118.8mm)

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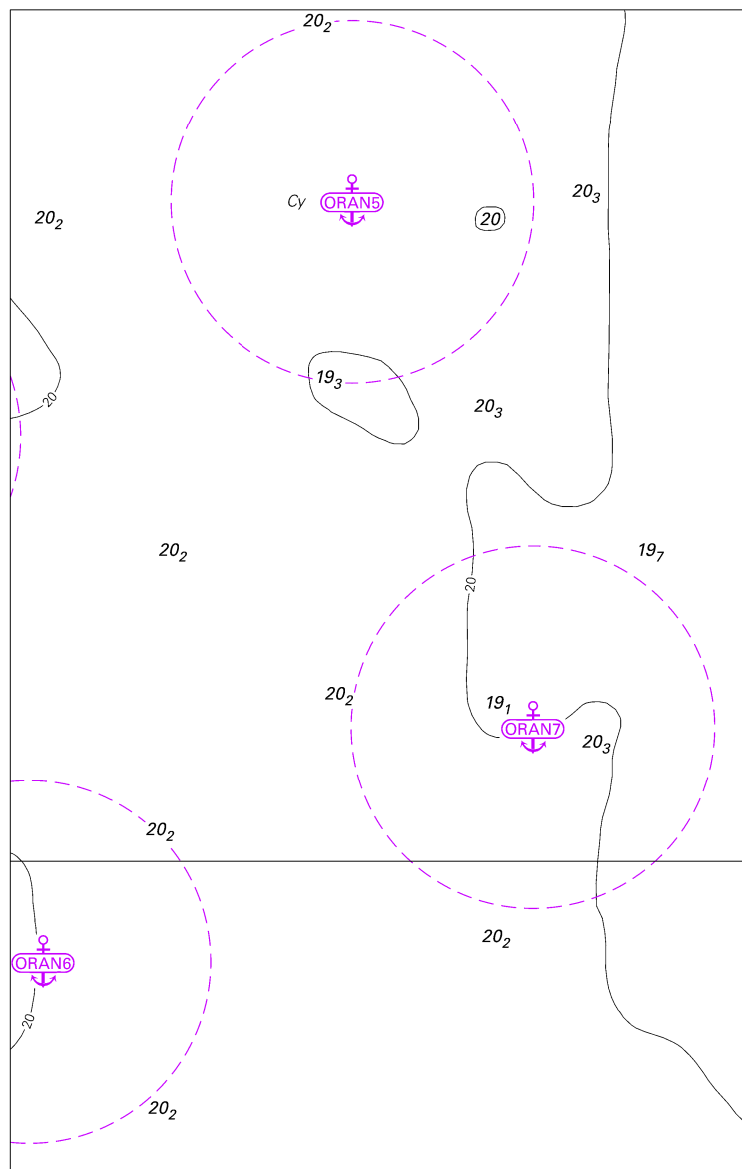
Block B for Chart Aus 111

To accompany Australian Notice to Mariners 1112/2016



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Block A for Chart Aus 114 (56.6 x 144.6mm)

To accompany Australian Notice to Mariners 1112/2016

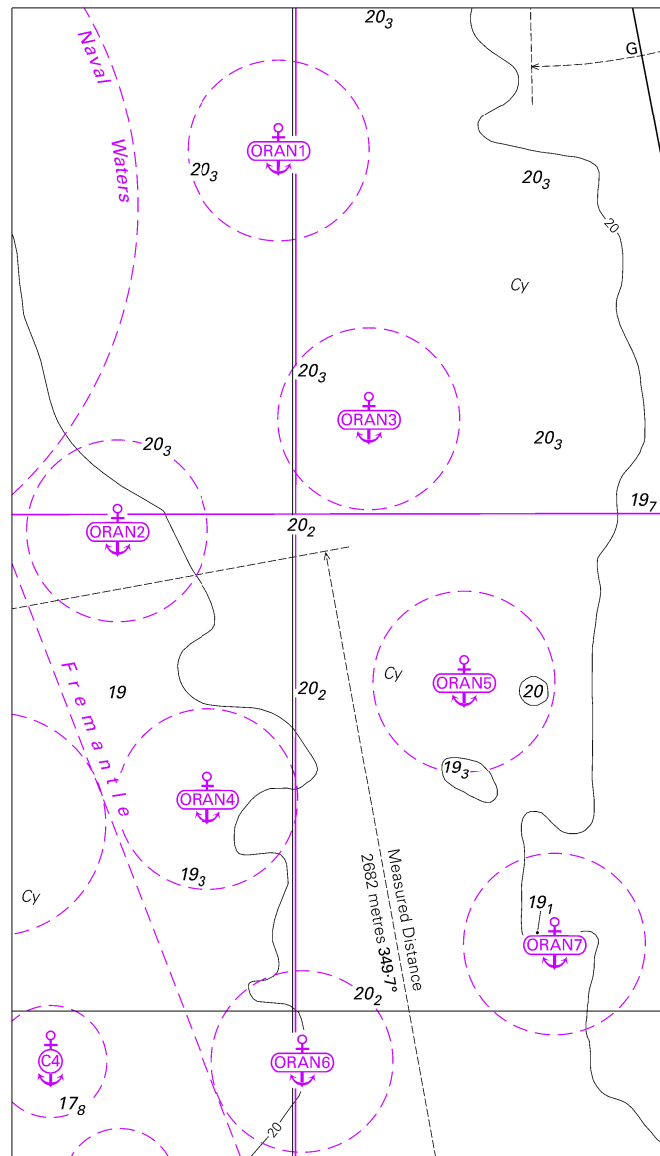


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Block B for Chart Aus 114

(98.1 x 154.0mm)

To accompany Australian Notice to Mariners 1112/2016



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Block for Chart Aus 117

(87.1 x 152.2mm)