



25 January 2013

Edition 2

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

AUSTRALIAN NOTICES TO MARINERS

Notices 79 – 122 

Published fortnightly by the Australian Hydrographic Service

Commodore B.K. BRACE RAN
Hydrographer of Australia

SECTIONS.

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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 permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. The range quoted for a light is its nominal range. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices. A star (*) adjacent to the number of a notice indicates that the notice is based on original information.

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, e-mail Hydro.NTM@defence.gov.au 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/prodserv/distributors/distributors.htm). Copies of the notices may not be sold for profit without prior written agreement.

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79 AUSTRALIA - Product

Australian Hydrographic Service (AA647667), UKHO (AA648193)

New Edition

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Index Chart</i>	<i>Price</i>
Aus 319	25/01/2013	Australia - North West Coast - Western Australia - Penguin Shoal to Browse Island 12° 10'.52 S - 14° 06'.88 S 122° 55'.08 E - 126° 18'.20 E <i>New edition with general updating throughout.</i>	1:300 000	Aus 5000	\$35.00

Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP34	Indonesia Pilot Volume 2 (Sixth Edition) 2012.	24/01/2013	The fifth edition 2009 is cancelled.

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

When placing orders with a chart agent, mariners should advise whether their order pertains to the current edition or the new edition.

80* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Quarantine Head - Historic wreck southeastwards

Australian Hydrographic Service (AA645653), S Willan (AA645589 - AA645593)

Aus 197 [1172/2012]

Insert	depth, 25m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 49'.49 S	151° 17'.46 E
Delete	depth, 22 ₈ m	33° 49'.4 S	151° 17'.1 E

Aus 200 [30/2013]

Insert	depth, 25m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 49'.492 S	151° 17'.462 E
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Aus 201 [1233/2012]

Insert	depth, 25m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 49'.492 S	151° 17'.462 E
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AX 63200 [482/2012]

Insert	depth, 25m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 49'.492 S	151° 17'.462 E
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AX 00201T [1233/2012]

Insert	depth, 25m, enclosed by danger circle with magenta legend, <i>Historic Wk (see Note)</i>	33° 49'.492 S	151° 17'.462 E
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81* AUSTRALIA - NEW SOUTH WALES - Clarence River - Harwood Island - Piles

Port of Clarence River (Yamba) (AA645602)

Aus 222 [627/2012]

Insert	continuous line, between	29° 25'.462 S	153° 15'.933 E
		29° 25'.475 S	153° 15'.984 E
		29° 25'.471 S	153° 15'.933 E
		29° 25'.466 S	153° 15'.983 E

82* AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Infrastructure; depths
Port of Brisbane (DHDB 2287077)

Aus 237 [1022/2012]

Insert	accompanying block	27° 21'.7 S	153° 10'.8 E
Delete	legend, (Tide Gauge)	27° 21'.59 S	153° 10'.34 E

83* PAPUA NEW GUINEA - Samarai Island - Light beacon

Former Notice - 1276(P)/2012 is cancelled

National Maritime Safety Authority PNG (AA641752 - AA641754)

Aus 624 (plan, Samarai Island) [518/2007]

Insert	light beacon, Q.G, with starboard lateral topmark	10° 36'.667 S	150° 39'.599 E
Delete	beacon	10° 36'.67 S	150° 39'.60 E

84* PAPUA NEW GUINEA - Edmago Island - Light beacon

Former Notice - 1283(P)/2012 is cancelled

National Maritime Safety Authority PNG (AA641752 - AA641754)

Aus 666 [479/2009]

Insert	light beacon, F.R.2-5s, with port lateral topmark	2° 37'.021 S	150° 44'.882 E
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85* PAPUA NEW GUINEA - Madang - Depths

Australian Hydrographic Service Aus 646

Aus 387 [504/2011]

Insert	accompanying block	5° 10'.0 S	145° 53'.0 E
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86* AUSTRALIA - NORTHERN TERRITORY - Darwin - West Arm to Elizabeth River - Depths

iXSurvey Australia Pty Ltd (DHDB 1772060)

Aus 26 [35/2013]

Insert	accompanying block A	12° 33'.0 S	130° 47'.0 E
	accompanying block B	12° 32'.0 S	130° 57'.0 E

AX 00026T [NE 14/12/2012]

Insert	accompanying block A	12° 33'.0 S	130° 47'.0 E
	accompanying block B	12° 32'.0 S	130° 57'.0 E

87* AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Infrastructure

Department of Transport WA (AA634995 - AA635008)

Aus 32 (plan, Wyndham Wharf) [1073/2012]

Insert	accompanying block A	15° 27'.6 S	128° 06'.0 E
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Aus 32 (plan, Approaches to Wyndham Wharf)

Insert	accompanying block B	15° 27'.6 S	128° 05'.2 E
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88* AUSTRALIA - WESTERN AUSTRALIA - Barracouta Shoal - Wells northeastwards

Sinopec Oil and Gas Australia Pty Ltd (AA646531, AA646532)

Aus 314 [1122/2012]

Insert	depth, 97m, enclosed by danger circle with legend <i>Well</i>	12° 17'.65 S	124° 20'.27 E
	depth, 76m, enclosed by danger circle with legend <i>Well</i>	12° 21'.37 S	124° 17'.38 E
	depth, 73m, enclosed by danger circle with legend <i>Well</i>	12° 22'.86 S	124° 16'.48 E

Aus 4721 (INT 721) [1248/2012]

Insert	depth, 73m, enclosed by danger circle with legend <i>Well</i>	12° 22'.9 S	124° 16'.5 E
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Aus 4722 (INT 722) [NE 5/10/2012]

Insert	depth, 73m, enclosed by danger circle with legend <i>Well</i>	12° 22'.9 S	124° 16'.5 E
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AX 00314U [1122/2012]

Insert	depth, 97m, enclosed by danger circle with legend <i>Well</i>	12° 17'.65 S	124° 20'.27 E
	depth, 76m, enclosed by danger circle with legend <i>Well</i>	12° 21'.37 S	124° 17'.38 E
	depth, 73m, enclosed by danger circle with legend <i>Well</i>	12° 22'.86 S	124° 16'.48 E

AX 04721U [1248/2012]

Insert	depth, 73m, enclosed by danger circle with legend <i>Well</i>	12° 22'.9 S	124° 16'.5 E
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AX 04722U [NE 5/10/2012]

Insert	depth, 73m, enclosed by danger circle with legend <i>Well</i>	12° 22'.9 S	124° 16'.5 E
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89* AUSTRALIA - WESTERN AUSTRALIA - Collier Bay - Wulalam Island - Marine farm

Department of Fisheries WA (DHDB 2112923)

Aus 732 [1123/2012]

Delete	pearl culture, centred on	16° 22'.5 S	124° 12'.8 E
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90* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Stingray Creek - Depths

Port Hedland Port Authority (DHDB 2245605)

Aus 54 [941/2012]

Insert	accompanying block	20° 19'.8 S	118° 35'.4 E
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91* AUSTRALIA - WESTERN AUSTRALIA - Onslow - Beadon Creek - Beacons

Department of Transport WA Notice 6/2013 (AA645604, AA645605)

Aus 64 (plan, Onslow) [844/2012]

Insert	beacon	21° 39'.146 S	115° 07'.866 E
	beacon	21° 39'.149 S	115° 07'.817 E

92* AUSTRALIA - WESTERN AUSTRALIA - Geraldton - Champion Bay - Depths
Geraldton Port Authority (DHDB 2290945)

Aus 81 [1252/2012]

Insert	depth, 4 ₂ m, enclosed by contour	28° 44'.111 S	114° 36'.677 E
	depth, 9 ₆ m, enclosed by contour	28° 43'.072 S	114° 34'.972 E

93* AUSTRALIA - WESTERN AUSTRALIA - Warnbro Sound - Depths
Department of Transport WA (DHDB 1481853)

Aus 116 (plan, Warnbro Sound) [728/2012]

Insert	accompanying block	32° 21'.5 S	115° 43'.5 E
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94* SOUTHERN OCEAN - Antarctica - Bowman Island - Depths northwestwards
UKHO (AA644355)

Aus 454 (INT 9020) [277/2005]

Insert	depth, 392m, enclosed by broken contour	64° 29'.0 S	101° 13'.5 E
	depth, 305m, and extend contour SE to enclose	64° 48'.2 S	102° 31'.7 E
Delete	depth, 891m	64° 29'.0 S	101° 17'.0 E

95* AUSTRALIA - SOUTH AUSTRALIA - Boston Bay - Depths
HydroSurvey Australia (DHDB 2267836)

Aus 133 (plan, Port Lincoln) [NC 16/12/2011]

Insert	accompanying block	34° 41'.80 S	135° 53'.55 E
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96* AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Ventenat Point - Buoy
Former Notice - 1161(T)/2012 is cancelled
Marine and Safety Tasmania Notice M7/2013 (AA646182, AA646021, AA646022)

Aus 173 [1257/2012]

Substitute	north cardinal cylindrical buoy, with topmark for beacon	43° 20'.8 S	147° 11'.3 E
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97* AUSTRALIA - TASMANIA - River Derwent - Cornelian Bay - Depth
3D-Marine Mapping (DHDB 55996)

Aus 171 [1258/2012]

Substitute	depth, 5m, enclosed by contour for depth, 5 ₄ m	42° 51'.4 S	147° 19'.7 E
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Aus 172 [45/2013]

Substitute	depth, 5m, enclosed by contour for depth, 5 ₄ m	42° 51'.39 S	147° 19'.73 E
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Aus 796 [1038/2012]

Substitute	depth, 5m, enclosed by contour for depth, 5 ₄ m	42° 51'.4 S	147° 19'.7 E
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98* AUSTRALIA - TASMANIA - Mercury Passage - Marine farms; chart notes

Department of Primary Industries, Parks, Water and Environment (DHDB 2186071)

Aus 170 [332/2012]

Insert	marine farm symbol with legend see <i>Note</i> , centred on	42° 35'.602 S	147° 55'.575 E
	marine farm symbol with legend see <i>Note</i> , centred on	42° 35'.644 S	147° 55'.965 E
	dashed line and marine farm symbol with legend (see <i>Note</i>), between	42° 31'.979 S	147° 58'.243 E
		42° 32'.202 S	147° 58'.779 E
		42° 31'.813 S	147° 59'.223 E
		42° 31'.412 S	147° 58'.693 E
		42° 31'.979 S	147° 58'.243 E
	dashed line and marine farm symbol with legend (see <i>Note</i>), between	42° 31'.090 S	147° 59'.083 E
		42° 31'.102 S	147° 58'.878 E
		42° 31'.368 S	147° 58'.945 E
		42° 31'.742 S	147° 59'.344 E
		42° 31'.514 S	147° 59'.400 E
	marine farm symbol with legend see <i>Note</i> , centred on	42° 31'.712 S	147° 55'.463 E
	accompanying MF note	42° 38'.6 S	147° 53'.5 E
	accompanying O note	42° 38'.4 S	147° 55'.0 E
Delete	magenta dashed line and legend Shellfish Beds (see <i>Note</i>), centred on	42° 31'.9 S	147° 58'.5 E
	marine farm, centred on	42° 33'.0 S	147° 54'.3 E
	marine farm, centred on	42° 31'.2 S	147° 54'.2 E

Aus 175 [332/2012]

Insert	dashed line, between	42° 31'.604 S	147° 55'.262 E
		42° 31'.646 S	147° 55'.209 E
		42° 31'.902 S	147° 55'.567 E
		42° 31'.867 S	147° 55'.750 E
Delete	marine farm, centred on	42° 33'.0 S	147° 54'.4 E
	dashed line, between	42° 31'.60 S	147° 55'.26 E
		42° 31'.63 S	147° 55'.14 E
		42° 31'.67 S	147° 55'.09 E
		42° 31'.99 S	147° 55'.55 E
		42° 31'.87 S	147° 55'.75 E
		42° 31'.90 S	147° 55'.57 E
	marine farm, centred on	42° 31'.1 S	147° 54'.3 E

99 NEW ZEALAND - South Island - Godley Head - Light

BA Notice 1/79/2013 (AA645600)

Aus 4601 (INT 601) [595/2012]

Delete	light	43° 35'.2 S	172° 48'.5 E
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100(T)/2013 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Military exercise*Date - Until 16 February 2013**HMAS Huon (AA647634)*

Two exercise mines exist within a 500m radius of position 35° 08'.5 S 150° 46'.5 E, suspended 15m below the surface.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 193 - Aus 807 - Aus 808 - AX 00193T - AX 00808S - AX A0193T

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

Former Notice - 51(T)/2013 is cancelled

Brisbane Port Corporation (AA648055), Maritime Safety Queensland Notices 1305(T)/2012 (AA643540)

Available depths and under keel clearances (UKC) at 23 January 2013:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No11	13.8	
Fisherman Islands No10	13.9	
* Fisherman Islands No9	14.0	
* Fisherman Islands No8	14.0	
Fisherman Islands No7	14.0	
* Fisherman Islands No6	13.9	
Fisherman Islands No5	14.0	
* Fisherman Islands No4	13.9	
* Fisherman Islands No3	13.5	
* Fisherman Islands No2	13.9	
Fisherman Islands No1	14.0	
* Fisherman Islands Grain and Woodchip	13.3	
* Caltex Fisherman Islands	13.7	
* Fisherman Islands Coal	14.1	
* Fisherman Islands General Purpose	11.6	
* BP Luggage Point	14.0	
Caltex Products	10.1	
Cement Australia Co Wharf	9.8	
* BP Products	10.9	
* Shell	11.0	
* Pacific Terminals	10.7	
* Incitec North	10.0	
* Incitec South	10.6	
* Pinkenba 1	10.5	
* Pinkenba 2	10.5	
Riverside Marina	-	
* Sugar Terminal	9.9	
Cairncross Fitting Out Wharf	8.3	
* Cairncross Breasting Wharf	6.1	
Brisbane Naval Wharf	4.3	
* Maritime No1	9.1	
* Hamilton No4	10.4	
* Hamilton No1	8.6	
Brisbane Cruise Ship Terminal	9.0	

	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay:</i>		
North West Channel	15.0	2.3 (280m width)
North West Bypass Channel	9.2	1.6
Spitfire Channel	15.0	1.5 (600m width) Shoaling least depth, 14.6m, exists in position 27° 02'.39 S 153° 15'.66 E.
East Knoll Bypass Channel	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5

Brisbane River:

* Entrance Beacons and Inner Bar Cutting	13.8	1.46
Entrance Beacons and Outer Bar Cutting	14.0	1.46
Fisherman Islands Swing Basin	13.9	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	9.1	0.6 / 0.9 (draft/tide)

* Indicates new or revised entry.

Chart temporarily affected - Aus 235 - Aus 236 - Aus 237 - Aus 238 - Aus 814 - Aus 815

102(T)/2013 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works completed*Former Notice - 1045(T)/2012 is cancelled*

Maritime Safety Queensland (AA648061)

Cancel this notice on receipt.

Chart formerly affected - Aus 237**103(T)/2013 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations***Former Notice - 52(T)/2013 is cancelled*

Maritime Safety Queensland Notice 57(T)/2013 (AA648319)

Shoaling with a least depth of 1.7m exists in position 26° 40'.75 S 153° 07'.90 E, extending west from the eastern breakwater.

A port lateral light buoy, *Fl.R.2-5s*, exists in position 26° 40'.78 S 153° 07'.87 E and marks the western edge of the shoal.The dredge *Navua* is conducting dredging operations in the entrance channel. A floating pipeline exists from the dredge to the western breakwater. The dredge will display appropriate lights and shapes and will monitor VHF Ch 12, Ch 16 and Ch 73.

Mariners are advised to keep at least 30m clear from the seaward end of the eastern breakwater due to obstructions and to navigate with caution in the area.

Chart temporarily affected - Aus 235**104(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information***Former Notice - 1269(T)/2011 is cancelled*

Maritime Safety Queensland Notice 32(T)/2012 (AA647220)

Available depths as at 15 January 2013:

	<i>Metres</i>
* Sea Reach	8.4
* Middle Reach	8.4
* Inner Reach	8.6
* Swing Basin	6.8
* Oil Berth	7.5
* BST Berth	10.0
* Deep draught departure channel	8.6
* Indicates revised entry.	

Chart temporarily affected - Aus 242 - Aus 243**105(T)/2013 AUSTRALIA - QUEENSLAND - Bundaberg - Obstruction northeastwards**

Maritime Safety Queensland Notice 23(T)/2013 (AA647424)

An obstruction exists in position 24° 37'.05 S 152° 37'.54 E. A 3700m radius exclusion zone exists around the obstruction.

Chart temporarily affected - Aus 243 - Aus 817 - Aus 818**106(T)/2013 AUSTRALIA - QUEENSLAND - Gladstone - South Trees Point - Harbour works completed***Former Notice - 1047(T)/2012 is cancelled*

Maritime Safety Queensland (AA647604)

Cancel this notice on receipt.

Chart formerly affected - Aus 244 - Aus 245

107(T)/2013 AUSTRALIA - QUEENSLAND - Cairns - Scientific instrument

Date - Until 30 June 2013

Maritime Safety Queensland Notice 33(T)/2013 (AA647281)

A special light buoy, *Fl.Y.3s*, exists in position 16° 54'.86 S 145° 47'.22 E.**Chart temporarily affected - Aus 262 - Aus 263 - AX 63262****108(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Bing Bong - Dredging operations**

Date - Until 30 April 2013

Hall Contracting Pty Ltd (AA647398)

The dredge *Warraber* and support vessel *Bula* are conducting dredging operations in the harbour and entrance channel (15° 37'.65 S 136° 23'.35 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 13**109(T)/2013 AUSTRALIA - NORTHERN TERRITORY - Darwin - Light buoy relit**

Former Notice - 58(T)/2013 is cancelled

Darwin Port Corporation Notice 15(T)/2013 (AA647416)

Cancel this notice on receipt.

Chart formerly affected - Aus 26 - AX 00026T**110(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Seismic survey northeastwards**

Date - Until 31May2013

Woodside Energy Ltd (AA646183 - AA646186)

SV *Polarcus Alima* with a 6000m towed array and support vessels *Sealink 161*, *Limitless* and *Empress* are conducting a survey in the area bounded by the following positions:

18° 44'.13 S 118° 03'.33 E

19° 05'.50 S 118° 25'.21 E

19° 14'.41 S 118° 29'.38 E

19° 50'.88 S 117° 01'.96 E

19° 41'.93 S 116° 57'.85 E

19° 29'.69 S 117° 27'.47 E

19° 20'.89 S 117° 16'.14 E

19° 07'.60 S 117° 19'.07 E

18° 59'.48 S 117° 26'.66 E.

Chart temporarily affected - Aus 326 - Aus 327 - Aus 739 - Aus 741 - Aus 4722 (INT 722) - AX 04722U

111(P)/2013 AUSTRALIA - WESTERN AUSTRALIA - Cape Lambert - Light beacons to be established

Date - On or about 15 June 2013

Department of Transport WA Notice 140/2012 (AA644892)

Light beacons exist as follows:

<i>Number</i>	<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
27	20° 33'.78 S 117° 12'.68 E	<i>Fl.G.3s</i>	To be repositioned
29	20° 33'.94 S 117° 12'.41 E	<i>Fl.G.3s</i>	To be repositioned
31	20° 33'.96 S 117° 11'.63 E	<i>Fl.G.3s</i>	
32	20° 34'.60 S 117° 11'.08 E	<i>Fl.G.3s</i>	
33	20° 34'.58 S 117° 10'.80 E	<i>Fl.G.3s</i>	
34	20° 34'.73 S 117° 10'.66 E	<i>Fl.G.3s</i>	
35	20° 34'.87 S 117° 10'.51 E	<i>F.Bu</i>	Leading lights bearing 253°
36	20° 34'.88 S 117° 10'.46 E	<i>F.Bu</i>	
37	20° 35'.00 S 117° 10'.66 E	<i>Fl.G.3s</i>	
38	20° 35'.29 S 117° 10'.59 E	<i>F.Bu</i>	Leading lights bearing 221°
39	20° 35'.33 S 117° 10'.56 E	<i>F.Bu</i>	
40	20° 35'.35 S 117° 10'.67 E	<i>F.Bu</i>	Leading lights bearing 229°
41	20° 35'.40 S 117° 10'.60 E	<i>F.Bu</i>	
	20° 35'.43 S 117° 10'.09 E	<i>Fl.R.3s</i>	
	20° 35'.50 S 117° 10'.06 E	<i>Fl.G.3s</i>	
	20° 35'.64 S 117° 10'.06 E	<i>Fl.G.3s</i>	
	20° 35'.68 S 117° 10'.10 E	<i>Fl.G.3s</i>	
	20° 35'.68 S 117° 10'.14 E	<i>Fl.G.3s</i>	
	20° 35'.50 S 117° 10'.09 E	<i>Fl.R.3s</i>	
	20° 35'.62 S 117° 10'.09 E	<i>Fl.R.3s</i>	
	20° 35'.65 S 117° 10'.12 E	<i>Fl.R.3s</i>	
	20° 35'.62 S 117° 10'.19 E	<i>Fl.Y.3s.</i>	

Chart which will be affected - Aus 55 - Aus 56**112(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Boiler Rock to Parker Point - Scientific instruments**

Date - Until 31 May 2012

Dampier Port Authority Notice 2/2013 (AA647455)

Light buoys, *Fl.3s*, exist in the following positions:

20° 35'.09 S 116° 40'.50 E
 20° 36'.78 S 116° 45'.06 E
 20° 38'.20 S 116° 43'.97 E.

Chart temporarily affected - Aus 57 - Aus 58 - Aus 59 - Aus 60**113(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Dredging operations completed**

Former Notice - 1009(T)/2012 is cancelled

Dampier Port Authority (AA648192)

Cancel this notice on receipt.

Chart formerly affected - Aus 58 - Aus 59 - Aus 60

114(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Seismic survey

Date - Until 17 February 2013

Seabird Exploration FZ-LLC (AA648066)

SV *Aquila Explorer* is conducting a survey running lines between:

SOL	EOL
19° 46'.74 S 112° 50'.40 E	19° 52'.81 S 112° 28'.99 E
19° 59'.79 S 111° 36'.08 E	21° 34'.95 S 114° 16'.95 E
20° 49'.55 S 114° 07'.44 E	15° 40'.37 S 113° 02'.49 E
17° 10'.54 S 111° 54'.97 E	20° 20'.10 S 117° 54'.70 E
20° 22'.78 S 117° 42'.95 E	15° 48'.22 S 114° 55'.87 E
16° 37'.16 S 115° 37'.09 E	21° 26'.03 S 112° 04'.99 E.

Chart temporarily affected - Aus 326 - Aus 327 - Aus 328 - Aus 329 - Aus 740 - Aus 741 - Aus 744 - Aus 4722 (INT 722) - Aus 4723 (INT 723) - Aus 4725 (INT 725) - AX 04722U - AX 04723U

115(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - False Island - Wreck northeastwards

Australian Maritime Safety Authority (AA646878, AA646879), Department of Transport WA (AA646885)

A stranded wreck exists in position 21° 20'.9 S 115° 30'.0 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 743**116(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Ashburton Road to Moorsby Shoals - Scientific instruments**

Date - Until 31 January 2014

Department of Transport WA Notice 10/2013 (AA645987)

Light buoys, *F(6)Y.20s*, exist in the following positions:

21° 27'.92 S 115° 10'.19 E
 21° 29'.91 S 115° 06'.16 E
 21° 34'.01 S 115° 01'.10 E
 21° 36'.17 S 115° 08'.97 E
 21° 36'.31 S 115° 04'.62 E
 21° 36'.45 S 115° 04'.01 E
 21° 36'.86 S 115° 04'.49 E
 21° 40'.02 S 115° 00'.63 E.

Chart temporarily affected - Aus 64 - Aus 328 - Aus 743**117(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Seismic survey northwestwards**

Date - Until 23 February 2013

Apache Energy Ltd (AA642006, AA642007)

SV *Ramform Explorer* and support vessels *Nautika Pride* and *No Limit* are conducting a survey in the area bounded by the following positions:

21° 09'.58 S 114° 01'.30 E
 21° 26'.09 S 114° 18'.23 E
 21° 32'.18 S 114° 11'.53 E
 21° 29'.19 S 114° 02'.72 E
 21° 18'.42 S 113° 51'.45 E.

Chart temporarily affected - Aus 328 - Aus 329 - Aus 744

118(T)/2013 AUSTRALIA - WESTERN AUSTRALIA - Carnarvon - Gascoyne River - Obstruction*Date - Until 30 April 2013*

Department of Transport Notice 24/2013 (AA647367)

A stranded excavator, marked by a light *F(2)5s*, exists in position 24° 54'.47 S 113° 38'.62 E.**Chart temporarily affected - Aus 73****119(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Scientific instruments***Former Notice - 1303(T)/2012 is cancelled*

MetOcean Engineers (AA643598)

Note: notice 73/2013 refers

Cancel this notice on receipt.

Chart formerly affected - Aus 4727 (INT 727)**120(T)/2013 AUSTRALIA - SOUTH AUSTRALIA - Port Adelaide - Light beacon restored***Former Notice - 226(T)/2011 is cancelled*

Department of Planning, Transport and Infrastructure SA Notice 25/2012 (AA646737)

Cancel this notice on receipt.

Chart formerly affected - Aus 130 - Aus 138 - Aus 781**121(T)/2013 AUSTRALIA - BASS STRAIT - Seismic survey***Date - Until 14 February 2013*

SeaBird Exploration FZ LLC (AA645681)

SV *Voyager Explorer*, with a 6000m towed array, is conducting a survey in the area bounded by the following positions:

38° 41'.6 S 143° 57'.8 E

38° 43'.2 S 144° 30'.2 E

38° 51'.2 S 144° 30'.2 E

38° 50'.5 S 143° 57'.8 E.

Chart temporarily affected - Aus 349 - Aus 487 - Aus 788

122(T)/2013 AUSTRALIA - TASMANIA - Maria Island - Scientific instruments*Date - Until 28 February 2014*

University of Tasmania (AA647460, AA647461)

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

42° 40'.08 S 147° 58'.04 E
 42° 39'.99 S 147° 58'.60 E
 42° 39'.91 S 147° 59'.16 E
 42° 39'.82 S 147° 59'.72 E
 42° 39'.74 S 148° 00'.28 E.

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

42° 39'.08 S 148° 10'.40 E	42° 39'.28 S 148° 10'.92 E
42° 39'.48 S 148° 11'.44 E	42° 39'.68 S 148° 11'.96 E
42° 39'.88 S 148° 12'.49 E	42° 40'.08 S 148° 13'.01 E
42° 40'.28 S 148° 13'.53 E	42° 40'.48 S 148° 14'.05 E
42° 40'.68 S 148° 14'.57 E	42° 40'.88 S 148° 15'.10 E
42° 41'.08 S 148° 15'.62 E	42° 41'.28 S 148° 16'.14 E
42° 41'.48 S 148° 16'.66 E	42° 41'.68 S 148° 17'.18 E
42° 41'.88 S 148° 17'.71 E	42° 42'.08 S 148° 18'.23 E
42° 42'.28 S 148° 18'.75 E	42° 42'.48 S 148° 19'.27 E
42° 42'.68 S 148° 19'.79 E	42° 42'.87 S 148° 20'.32 E
42° 43'.07 S 148° 20'.84 E	42° 43'.26 S 148° 21'.26 E.

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

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
WA- Jurien Bay	FADS		D Kenyon

NAVIGATION WARNINGS

The following radio messages have been received during the period to 25 January 2013. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

Rigs on location other than those listed in the latest Section III summary are the subject of Radio Navigational Warnings. Rigs in transit will not be the subject of Warnings.

AUSCOAST WARNING

- 006 Cancelled.
- 007 Drill rig *Deepwater Frontier* in position 19° 47' 59 S 114° 38' 93 E. 2.5M clearance requested.
- 008 Cancelled.
- 009 Cancelled.
- 010 Cancelled.
- 011 Cancelled.
- 012 Special purpose vessel *Polarcus Alima* conducting seismic survey operation towing 12 cables 4M in length with flashing tail buoys in an area bounded by 18° 44' 0 S to 19° 51' 0 S and 116° 58' 0 E to 118° 29' 0 E. 6M clearance requested.
- 013 Cancelled.
- 014 Special purpose vessel *Fugro Synergy* conducting survey operations in an area bounded by 19° 30' 0 S to 20° 25' 0 S and 114° 03' 0 E to 115° 12' 0 E. 2.5M clearance requested.
- 015 Mecca Reef light buoy in position 10° 32' 33 S 142° 10' 14 E reduced power.
- 016 Special purpose vessel *Geo Atlantic* conducting seismic survey in an area bounded by 11° 30' 4 S to 12° 40' 2 S and 127° 35' 6 E to 128° 46' 8 E. 5M clearance requested.
- 017 Special purpose vessel *Aquila Explorer* conducting seismic survey towing a cable 5.3M in length in an area bounded by 15° 27' 10 S to 21° 48' 25 S and 111° 59' 93 E to 115° 01' 73 E. 5M clearance requested.

NAVAREA X WARNINGS

Nil.

Navigational warnings in force as at 250001UTC JAN 13.**Auscoast**

2012 255 303 318 321 322
2013 001 002 004 007 012 014 015 016 017

Navarea X

2013 001

Summary of mobile drilling rigs as at 250001UTC JAN 13.

<i>Name</i>	<i>Position</i>
Jack Bates	13° 24' 93 S 123° 18' 21 E
Transocean Legend	13° 44' 71 S 122° 07' 38 E
Nan Hai 6	19° 17' 57 S 116° 45' 82 E
Atwood Eagle	19° 33' 98 S 116° 00' 22 E
Ensco 104	20° 24' 85 S 115° 43' 82 E
Atwood Falcon	20° 01' 82 S 115° 12' 10 E
Deepwater Frontier	19° 47' 59 S 114° 38' 93 E
Ocean America	20° 43' 31 S 114° 36' 55 E
Noble Clyde Boudreaux	22° 05' 20 S 113° 10' 85 E
Atwood Osprey	19° 46' 85 S 112° 48' 79 E
Stena Clyde	39° 06' 50 S 142° 57' 01 E

NAVAREA XIV WARNINGS

Nil.

Navarea XIV warnings in force as at 250001UTC JAN 13.

076 095 105 108

To accompany Australian Notice to Mariners 98/2013

MARINE FARMS

Marine farms, which may be floating or fixed structures and their associated moorings should be avoided. The farms are generally marked by buoys or beacons, which may be lit. Their charted positions are approximate.

Note for chart Aus 170.

To accompany Australian Notice to Mariners 98/2013

OMISSIONS FROM CHART

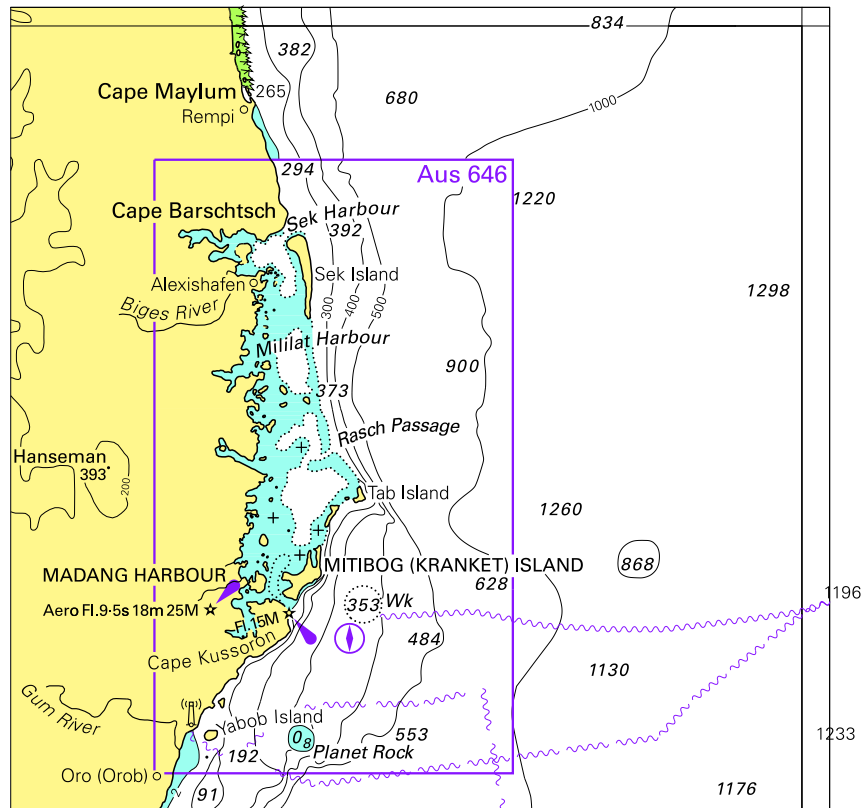
Certain information has been omitted from this chart. For details see the larger scale nautical charts and relevant nautical publications.

Note for chart Aus 170.

Block for chart Aus 237

(81.8 x 135.1mm)

To accompany Australian Notice to Mariners 85/2013



Block for chart Aus 387

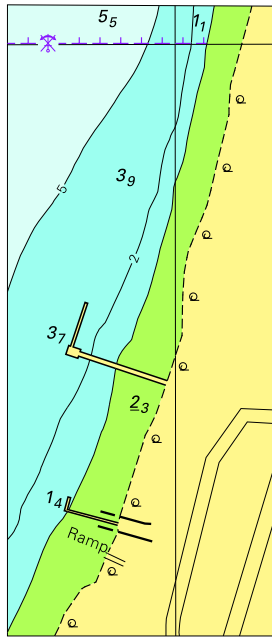
© Commonwealth of Australia 2013

(108.3 x 106.2mm)

(140 x 77mm)

(130 x 97mm)

To accompany Australian Notice to Mariners 87/2013

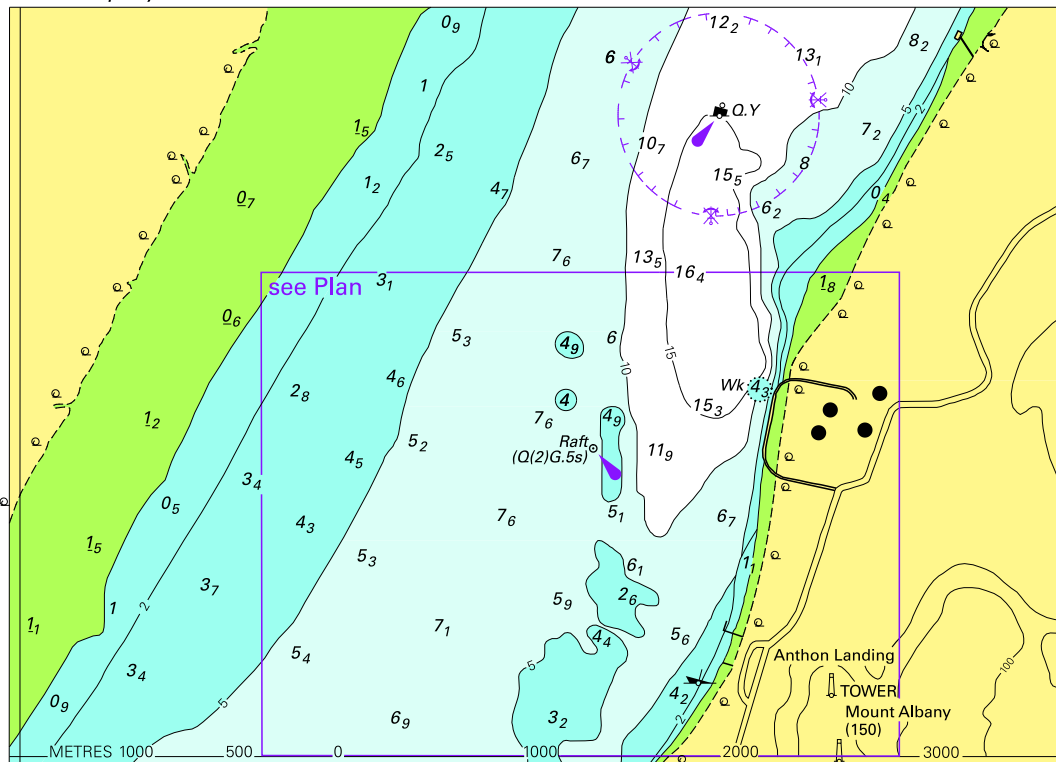


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Block A for Aus 32

(35.8 x 83.5mm)

To accompany Australian Notice to Mariners 87/2013

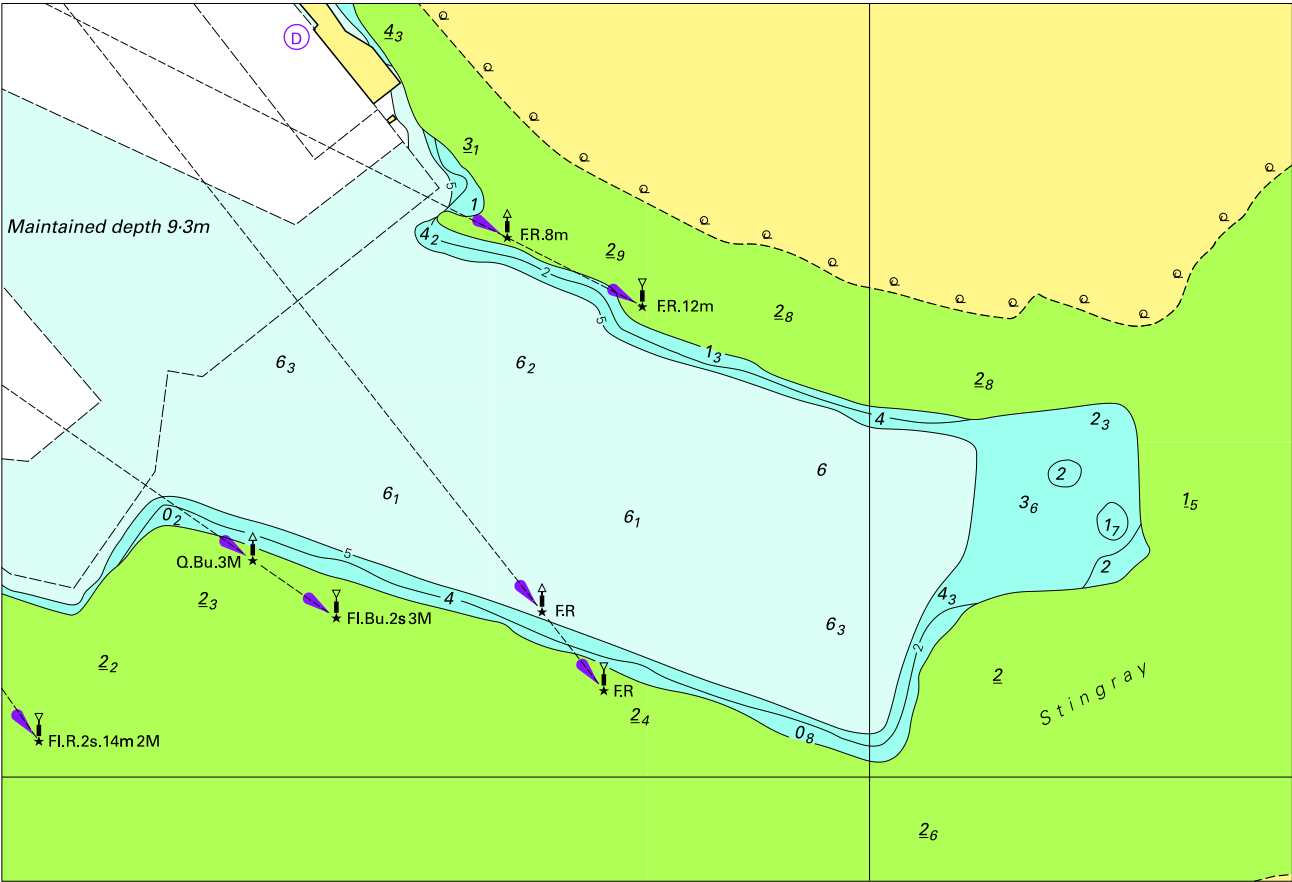


Block B for Aus 32

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100 x 138.9mm

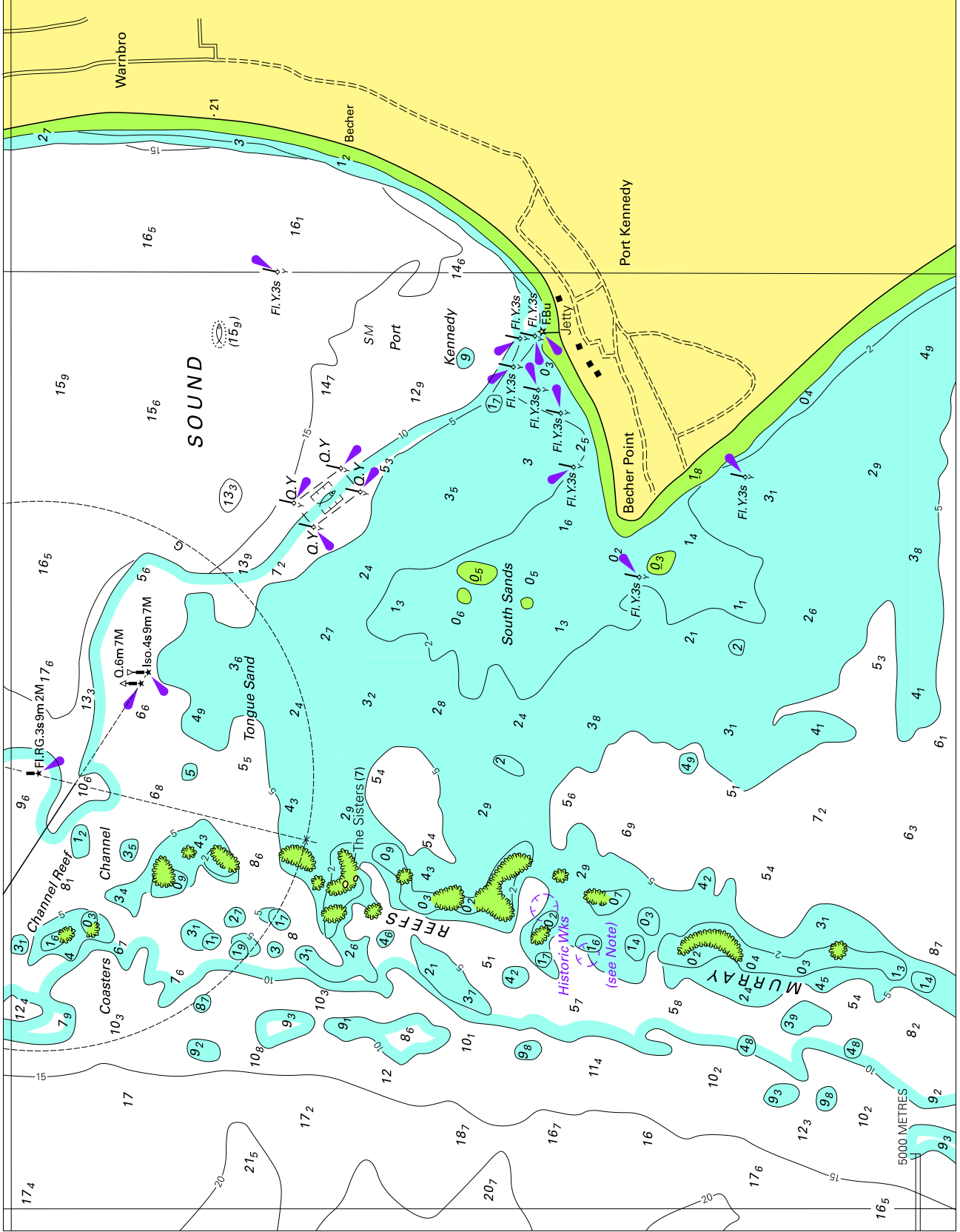
To accompany Australian Notice to Mariners 90/2013



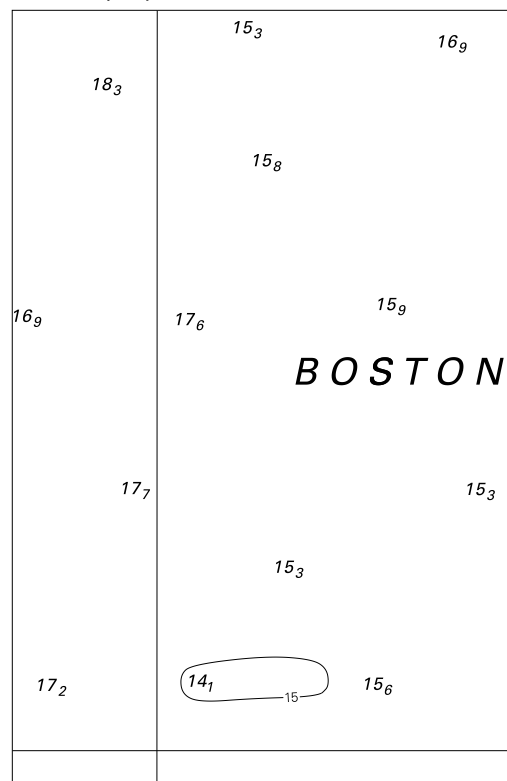
Block for chart Aus 54

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(170.7 x 116.0mm)



To accompany Australian Notice to Mariners 95/2013



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Block for Aus 133

(66.7 x 102.6mm)