28 January 2011 **Edition 2**

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

AUSTRALIAN NOTICES TO MARINERS

Notices 81 – 134

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

SECTIONS.

I. Australian Notices to Mariners, including blocks and notes.
II. Hydrographic Reports.
III. Navigational Warnings.

SUPPLEMENTS.

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III. Temporary and Preliminary Notices in force.
IV. 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 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).

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81 AUSTRALIA - Product
Australian Hydrographic Service (AA514543)

New Chart

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 653	28/1/2011	Papua New Guinea - North East Coast - Plans in Papua New Guinea (Sheet 7) Plans: Langemak Bay and Finschhafen 6° 32'·04 S - 6° 36'·30 S 147º 49'·40 E - 147º 52'·85 E Dregerhafen and Schneiderhafen 6° 36'·20 S - 6° 39'·61 S 147º 50'·70 E - 147º 53'·46 E *New chart providing improved coverage of Langemak Bay, Finschhafen, Dregerhafen and Schneiderhafen.*	 1:12 500 1:10 000	Aus 5000	$35.00
Aus 671	28/1/2011	Papua New Guinea - New Britain - South Coast - Plans in Papua New Guinea (Sheet 6) Plans: Henry Reid Bay 4° 57'·50 S - 5° 07'·60 S 151º 56'·00 E - 152º 09'·26 E Jacquinot Bay 5° 30'·80 S - 5° 40'·90 S 151º 26'·00 E - 151º 39'·26 E Palmalmal Wharf 5° 37'·23 S - 5° 38'·04 S 151º 28'·38 E - 151º 29'·50 E *New chart providing improved coverage of Henry Reid Bay, Jacquinot Bay and Palmalmal Wharf.*	 1:37 500 1:37 500 1:12 500	Aus 5000	$35.00

New Chart to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 523	Papua New Guinea - North East Coast - Nassau Bay to Finschhafen	1:150 000	11 February 2011
Aus 663	Papua New Guinea - Hermit Islands	1:50 000	11 February 2011
Aus 664	Papua New Guinea - Admiralty Islands - Saint Andrew Islands	1:50 000	11 February 2011

Chart permanently withdrawn without replacement

Chart	*On publication of new chart*
Aus 676	Aus 671

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.

82 AUSTRALIA - Product - Amendment to Australian Notice to Mariners No 9
National Geospatial Intelligence Agency (AA512747)

Page 43
Amend Amberley firing area details to read:
YBBB/R637A Amberley
Nature of Activity Military flying *Controlling Authority* RAAF DETCDR Amberley
Vertical Limits 5000-NOTAM *Times of Use* NOTAM
Chart Aus 426 *Chartlet* 3
(a) 25° 43' 45" S 153° 05' 56" E (b) 24° 50' 56" S 153° 38' 38" E (c) 25° 31' 53" S 154° 17' 17" E
(d) 26° 15' 42" S 153° 29' 56" E.

Page 58
Substitute accompanying chartlet 3

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83* AUSTRALIA - NEW SOUTH WALES - Ben Buckler - Depths eastwards
Geoscience Australia (DHDB 1669022)

Aus 197 [*584/2010*]

Insert	depth, *103m*	33º 55'.69 S	151º 28'.49 E
Delete	depth, 113m	33º 55'.5 S	151º 28'.5 E

Aus 489 [*1359/2010*]

Substitute	depth, *103m,* for depth, 113m	33º 55'.5 S	151º 28'.5 E

Aus 808 [*31/2011*]

Insert	depth, *103m*	33º 55'.69 S	151º 28'.49 E
Substitute	depth, *115m,* for depth, 155m	33º 53'.9 S	151º 25'.5 E
Delete	depth, 113m	33º 55'.5 S	151º 28'.5 E

Aus 4643 (INT 643) [*1221/2010*]

Substitute	depth, *103m,* for depth, 113m	33º 55'.5 S	151º 28'.5 E

AX 0808E [*31/2011*]

Insert	depth, *103m*	33º 55'.69 S	151º 28'.49 E
Substitute	depth, *115m,* for depth, 155m	33º 53'.9 S	151º 25'.5 E
Delete	depth, 113m	33º 55'.5 S	151º 28'.5 E

84* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Lights; depths
UKHO (AA502551)

Aus 200 [*1296/2010*]

Insert	accompanying block	33º 51'.0 S	151º 14'.7 E
	upright sounding, *20m,* enclosed by broken contour	33º 51'.052 S	151º 17'.587 E
Amend	legend to *293·9°*	33º 50'.43 S	151º 19'.40 E
	legend to *185·4°*	33º 49'.95 S	151º 16'.55 E
Delete	depth, 9_8m, and enclosing contour	33º 51'.94 S	151º 13'.28 E

85* AUSTRALIA - QUEENSLAND - Gold Coast - Nerang River - Light buoys established
Maritime Safety Queensland Notice 1093/2010 (AA511239)

Aus 230 [*1363/2010*]

Insert	special cylindrical light buoy, *Fl.Y.2s,* without topmark	27º 58'.707 S	153º 25'.162 E
	special cylindrical light buoy, *Fl.Y.2s,* without topmark	27º 58'.726 S	153º 25'.204 E

86* AUSTRALIA - QUEENSLAND - Moreton Bay - Cleveland Point - Light removed
Former Notice - 662(T)/2009 is cancelled
Maritime Safety Queensland Notice 24/2011 (AA511634)

Aus 236 [*NE 17/12/2010*]

Delete	light	27º 30'.6 S	153º 17'.4 E
	light sectors red, white with legends emanating from light	27º 30'.6 S	153º 17'.4 E

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87* **AUSTRALIA - QUEENSLAND - Forbes Islands - Depths**
LADS Flight (DHDB 1617531)

Aus 835 [*741/2010*]

Insert	accompanying block	12º 15'.0 S	143º 25'.0 E

Aus 836 [*742/2010*]

Insert	accompanying block	12º 15'.0 S	143º 25'.0 E

88* **AUSTRALIA - TORRES STRAIT - Moresby Rock - Historic wreck**
Museum of Tropical Queensland (AA504256)

Aus 376 [*1230/2010*]

Insert	historic wreck, with magenta legend *Historic Wk*	10º 10'.62 S	142º 42'.53 E

Aus 839 [*1162/2010*]

Insert	historic wreck, with magenta legend *Historic Wk (see Note)*	10º 10'.62 S	142º 42'.53 E

89* **PAPUA NEW GUINEA - Sabara Island - Depth**
P Tudor-Stack (AA511287, AA511288)

Aus 510 [*150/2008*]

Insert	upright sounding, *1m,* enclosed by broken contour with legend, *Rep(2010)*	11º 07'.79 S	153º 02'.79 E
Delete	depth, 22m	11º 07'.9 S	153º 02'.8 E

90* **AUSTRALIA - NORTHERN TERRITORY - Lorna Shoal - Depths**
UKHO (AA502607 - AA502610)

Aus 316 [*1167/2010*]

Insert	accompanying block	12º 20'.0 S	130º 05'.0 E

Aus 4721 (INT 721) [*1306/2010*]

Substitute	depth, *23_1m,* for depth, 19_7m	12º 22'.0 S	130º 11'.0 E

AX 4721F [*1306/2010*]

Substitute	depth, *23_1m,* for depth, 19_7m	12º 22'.0 S	130º 11'.0 E

91* **AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light removed; lights altered**
Port Hedland Port Authority (AA512609)

Aus 54 [*42/2011*]

Amend	light to *F.R.13m 4M*	20º 18'.93 S	118º 33'.99 E
	light beacon to *F.R 5m*	20º 19'.71 S	118º 35'.29 E
	light beacon to *F.R 9m*	20º 19'.75 S	118º 35'.37 E
Delete	dashed line with legend Fortescue 315·3°, emanating from light	20º 18'.93 S	118º 33'.99 E

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92* AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Spoil grounds; light
Department of Transport WA (AA509635)

Aus 55 [*1307/2010*]

Insert	dashed line with legend, *Spoil Ground,* between	20º 25'.81 S	117º 20'.54 E
		20º 26'.30 S	117º 20'.54 E
		20º 26'.29 S	117º 21'.63 E
		20º 25'.81 S	117º 21'.63 E
		20º 25'.81 S	117º 20'.54 E
	dashed line with legend, *Spoil Ground,* between	20º 28'.54 S	117º 14'.89 E
		20º 28'.82 S	117º 15'.31 E
		20º 29'.66 S	117º 14'.67 E
		20º 29'.37 S	117º 14'.25 E
		20º 28'.54 S	117º 14'.89 E
	dashed line with legend, *Spoil Ground,* between	20º 30'.54 S	117º 13'.22 E
		20º 31'.38 S	117º 12'.58 E
		20º 31'.66 S	117º 13'.00 E
		20º 30'.83 S	117º 13'.64 E
		20º 30'.54 S	117º 13'.22 E
Amend	light to *3F.R*	20º 34'.5 S	117º 12'.3 E
Delete	dashed line with legend, Spoil Ground, centred on	20º 31'.2 S	117º 13'.0 E

Aus 326 [*NE 15/01/2010*]

Amend	light to *3F.R*	20º 34'.6 S	117º 12'.1 E

Aus 740 [*1366/2010*]

Insert	dashed line with legend, *Spoil Ground,* between	20º 30'.54 S	117º 13'.22 E
		20º 31'.38 S	117º 12'.58 E
		20º 31'.66 S	117º 13'.00 E
		20º 30'.83 S	117º 13'.64 E
		20º 30'.54 S	117º 13'.22 E
	dashed line with #, between	20º 28'.54 S	117º 14'.89 E
		20º 28'.82 S	117º 15'.31 E
		20º 29'.66 S	117º 14'.67 E
		20º 29'.37 S	117º 14'.25 E
		20º 28'.54 S	117º 14'.89 E
	dashed line with #, between	20º 25'.81 S	117º 20'.54 E
		20º 26'.30 S	117º 20'.54 E
		20º 26'.29 S	117º 21'.63 E
		20º 25'.81 S	117º 21'.63 E
		20º 25'.81 S	117º 20'.54 E
Amend	light to *3F.R*	20º 34'.5 S	117º 12'.3 E
Delete	dashed line with legend, Spoil Ground, centred on	20º 31'.2 S	117º 13'.0 E

Aus 741 [*1368/2010*]

Insert	dashed line with #, between	20º 28'.54 S	117º 14'.89 E
		20º 28'.82 S	117º 15'.31 E
		20º 29'.66 S	117º 14'.67 E
		20º 29'.37 S	117º 14'.25 E
		20º 28'.54 S	117º 14'.89 E
	dashed line with legend, *Spoil Ground,* between	20º 30'.54 S	117º 13'.22 E
		20º 31'.38 S	117º 12'.58 E
		20º 31'.66 S	117º 13'.00 E
		20º 30'.83 S	117º 13'.64 E
		20º 30'.54 S	117º 13'.22 E
Amend	light to *3F.R*	20º 34'.5 S	117º 12'.3 E
Delete	dashed line with legend, Spoil Ground, centred on	20º 31'.2 S	117º 13'.0 E

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93* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Restricted area; chart note; legend; spoil ground
Department of Transport WA Notices 147/2010, 148/2010 (AA512156, AA512157, AA508821)

Aus 62 [*960/2008*]

Insert	accompanying note	20º 49'.1 S	115º 26'.0 E
	magenta legend, *Restricted Area (see Note),* centred on	20º 41'.0 S	115º 29'.5 E
	magenta legend, *Restricted Area (see Note),* centred on	20º 47'.9 S	115º 33'.0 E
Substitute	restricted area limit for port limit, between	20º 40'.0 S	115º 26'.5 E
		20º 44'.0 S	115º 34'.7 E
		20º 51'.0 S	115º 33'.8 E

Aus 327 [*NC 3/12/2010*]

Insert	dashed line with legend *Spoil Ground*, between	20º 53'.02 S	115º 33'.51 E
		20º 54'.12 S	115º 32'.26 E
		20º 53'.00 S	115º 31'.03 E
		20º 51'.79 S	115º 32'.28 E
		20º 53'.02 S	115º 33'.51 E
Substitute	restricted area limit for port limit, between	20º 40'.0 S	115º 26'.5 E
		20º 47'.0 S	115º 35'.3 E
		20º 52'.7 S	115º 23'.9 E
	restricted area limit for port limit, centred on	20º 37'.5 S	115º 36'.5 E

Aus 328 [*1060/2010*]

Insert	dashed line with legend *Spoil Ground*, between	20º 53'.10 S	115º 33'.44 E
		20º 54'.20 S	115º 32'.19 E
		20º 53'.08 S	115º 31'.11 E
		20º 51'.87 S	115º 32'.21 E
		20º 53'.10 S	115º 33'.44 E

Aus 742 [*1368/2010*]

Insert	accompanying note	20º 47'.0 S	116º 35'.0 E
	magenta legend, *Restricted Area (see Note),* centred on	20º 49'.5 S	115º 31'.5 E
	dashed line with legend *Spoil Ground*, between	20º 53'.02 S	115º 33'.51 E
		20º 54'.12 S	115º 32'.26 E
		20º 53'.00 S	115º 31'.03 E
		20º 51'.79 S	115º 32'.28 E
		20º 53'.02 S	115º 33'.51 E
Substitute	restricted area limit for port limit, between	20º 40'.0 S	115º 26'.5 E
		20º 47'.0 S	115º 35'.3 E
		20º 52'.7 S	115º 23'.9 E

Aus 743 [*1060/2010*]

Insert	accompanying note	21º 26'.0 S	116º 08'.0 E
	magenta legend, *Restricted Area (see Note),* centred on	20º 50'.5 S	115º 32'.5 E
	dashed line with legend *Spoil Ground* , between	20º 53'.02 S	115º 33'.51 E
		20º 54'.12 S	115º 32'.26 E
		20º 53'.00 S	115º 31'.03 E
		20º 51'.79 S	115º 32'.28 E
		20º 53'.02 S	115º 33'.51 E
Substitute	restricted area limit for port limit, between	20º 47'.9 S	115º 35'.3 E
		20º 52'.0 S	115º 33'.0 E
		20º 52'.7 S	115º 23'.9 E

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94* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Depths
Fugro Survey Pty Ltd (DHDB 266482)

Aus 327 [*93/2011*]

Insert	depth, *14_8m,* and extend contour W to enclose	20º 35'.17 S	115º 24'.76 E
	contour, between	20º 36'.18 S	115º 24'.45 E
		20º 36'.07 S	115º 23'.90 E
Delete	contour, between	20º 36'.2 S	115º 24'.5 E
		20º 35'.3 S	115º 24'.2 E
		20º 36'.1 S	115º 23'.9 E

Aus 742 [*93/2011*]

Insert	depth, *14_8m,* enclosed by contour	20º 35'.17 S	115º 24'.76 E
	depth, *13_3m,* enclosed by contour	20º 36'.09 S	115º 23'.60 E
Delete	depth, 13m, and enclosing contour	20º 35'.5 S	115º 24'.2 E

95* AUSTRALIA - WESTERN AUSTRALIA - Point Quobba to Pepper Point - Legend
Australian Maritime Safety Authority (AA512981)

Aus 331 [*NC 16/7/2010*]

Delete	legend, Adjoining Chart Aus 330, in N border	24º 10'.0 S	112º 53'.0 E

96* AUSTRALIA - WESTERN AUSTRALIA - Jurien Bay - Rock southwards
Department of Environment and Conservation WA (AA512862)

Aus 333 [*597/2010*]

Insert	underwater rock enclosed by danger circle with legend, *Rep(2011)*	30º 23'.08 S	115º 02'.51 E
Delete	depth, 2m	30º 22'.8 S	115º 02'.8 E
	depth, 5_8m	30º 23'.2 S	115º 02'.3 E

Aus 753 [*954/2010*]

Insert	underwater rock enclosed by danger circle with legend, *Rep(2011)*	30º 23'.08 S	115º 02'.51 E
Delete	depth, 5_8m	30º 23'.2 S	115º 02'.3 E

97* AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln to Buffalo Reef - Port limit; marine farms; nomenclature
Department of Transport, Energy and Infrastructure SA Notices 50/2010, 54/2010 (AA505379, AA511236, AA513321)

Aus 343 [*1118/2010*]

Insert	dashed line with legend *Marine farm,* between	34º 48'.56 S	136º 23'.26 E
		34º 49'.02 S	136º 23'.27 E
		34º 48'.98 S	136º 26'.29 E
		34º 48'.52 S	136º 26'.28 E
		34º 48'.56 S	136º 23'.26 E
Move	marine farm symbol, centred on	34º 42'.5 S	136º 30'.7 E
	to	34º 42'.43 S	136º 20'.55 E
	marine farm symbol, centred on	34º 44'.3 S	136º 27'.8 E
	to	34º 45'.74 S	136º 23'.04 E
	marine farm symbol, centred on	34º 44'.0 S	136º 31'.8 E
	to	34º 48'.46 S	136º 27'.84 E

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97* **AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln to Buffalo Reef - Port limit; marine farms; nomenclature** *(continued)*

Aus 444 [*1371/2010*]

Move	marine farm symbol, centred on	34º 42'.5 S	136º 31'.0 E
	to	34º 42'.36 S	136º 20'.63 E
	marine farm symbol, centred on	34º 44'.0 S	136º 32'.0 E
	to	34º 48'.39 S	136º 27'.92 E
	marine farm symbol, centred on	34º 44'.0 S	136º 28'.0 E
	to	34º 48'.70 S	136º 24'.85 E

Aus 776 [*1117/2010*]

Insert	accompanying block	34º 40'.0 S	136º 05'.0 E
	dashed line with legend *Marine farm (see Note),* between	34º 42'.23 S	136º 19'.65 E
		34º 42'.50 S	136º 19'.65 E
		34º 42'.48 S	136º 21'.62 E
		34º 42'.21 S	136º 21'.61 E
		34º 42'.23 S	136º 19'.65 E
	marine farm symbol with legend *(see Note),* centred on	34º 45'.67 S	136º 23'.12 E
	dashed line with legend *Marine farm (see Note),* between	34º 48'.49 S	136º 23'.34 E
		34º 48'.95 S	136º 23'.35 E
		34º 48'.91 S	136º 26'.37 E
		34º 48'.45 S	136º 26'.36 E
		34º 48'.49 S	136º 23'.34 E
Move	marine farm symbol with legend *(see Note),* centred on	34º 44'.0 S	136º 32'.0 E
	to	34º 48'.39 S	136º 27'.92 E
Amend	name to *Buffalo Reef*	34º 43'.0 S	136º 28'.5 E
Delete	marine farm with legend, centred on	34º 44'.2 S	136º 28'.0 E
	marine farm with legend, centred on	34º 42'.4 S	136º 31'.0 E

AX 0343E [*1117/2010*]

Insert	dashed line with legend *Marine farm,* between	34º 48'.56 S	136º 23'.26 E
		34º 49'.02 S	136º 23'.27 E
		34º 48'.98 S	136º 26'.29 E
		34º 48'.52 S	136º 26'.28 E
		34º 48'.56 S	136º 23'.26 E
Move	marine farm symbol, centred on	34º 44'.3 S	136º 27'.8 E
	to	34º 45'.74 S	136º 23'.04 E
	marine farm symbol, centred on	34º 44'.0 S	136º 31'.8 E
	to	34º 48'.46 S	136º 27'.84 E
	marine farm symbol, centred on	34º 42'.5 S	136º 30'.7 E
	to	34º 42'.43 S	136º 20'.55 E

I

97* **AUSTRALIA - SOUTH AUSTRALIA - Port Lincoln to Buffalo Reef - Port limit; marine farms; nomenclature** *(continued)*

AX 0776E [*1117/2010*]

Insert	accompanying block	34º 40'.0 S	136º 05'.0 E
	dashed line with legend *Marine farm (see Note),* between	34º 42'.23 S	136º 19'.65 E
		34º 42'.50 S	136º 19'.65 E
		34º 42'.48 S	136º 21'.62 E
		34º 42'.21 S	136º 21'.61 E
		34º 42'.23 S	136º 19'.65 E
	marine farm symbol with legend *(see Note),* centred on	34º 45'.67 S	136º 23'.12 E
	dashed line with legend *Marine farm (see Note),* between	34º 48'.49 S	136º 23'.34 E
		34º 48'.95 S	136º 23'.35 E
		34º 48'.91 S	136º 26'.37 E
		34º 48'.45 S	136º 26'.36 E
		34º 48'.49 S	136º 23'.34 E
Move	marine farm symbol with legend *(see Note),* centred on	34º 44'.0 S	136º 32'.0 E
	to	34º 48'.39 S	136º 27'.92 E
Amend	name to *Buffalo Reef*	34º 43'.0 S	136º 28'.5 E
Delete	marine farm with legend, centred on	34º 44'.2 S	136º 28'.0 E
	marine farm with legend, centred on	34º 42'.4 S	136º 31'.0 E

98* **AUSTRALIA - SOUTH AUSTRALIA - Kangaroo Island - Wreck southwards; nomenclature**
Department of Transport, Energy and Infrastructure SA Notice 53/2010 (AA512990)

Aus 346 [*1117/2010*]

Insert	safe clearance depth, *35fm,* enclosed by danger circle with legend, *Wk*	36º 56'.16 S	137º 56'.82 E

Aus 4728 (INT 728) [*NC 17/12/2010*]

Insert	safe clearance depth, *65m,* enclosed by danger circle with legend, *Wk*	36º 56'.2 S	137º 56'.8 E
Amend	name to *Buffalo Reef*	34º 43'.0 S	136º 34'.0 E

99* **SOUTHERN OCEAN - Mawson - Depths; legend**
Australian Hydrographic Service (AA512459)

Aus 600 (INT 9036) [*440/2008*]

Insert	accompanying block	67º 36'.0 S	62º 50'.0 E
	magenta legend, *Adjoining Chart INT 9037 (Aus 599),* in W border	67º 34'.00 S	62º 42'.23 E

100* **AUSTRALIA - TASMANIA - Norfolk Bay - Little Norfolk Bay - Taranna - Light established; legend**
Marine and Safety Tasmania Notice M9/2011 (AA513082)

Aus 171 [*1311/2010*]

Insert	light, *F.Bu*	43º 02'.95 S	147º 51'.80 E
Amend	legend to *Jetty*	43º 02'.9 S	147º 52'.0 E

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101* AUSTRALIA - VICTORIA - Port Phillip - The Rip - Depths
Port of Melbourne Corporation (DHDB 1617964)

Aus 144 [*1313/2010*]

Insert	accompanying block	38º 19'.5 S	144º 36'.5 E
	depth, *12$_8$m,* and extend contour S to enclose	38º 18'.166 S	144º 36'.634 E

102* PACIFIC OCEAN - Western Samoa - Depths
BA Notice 52/6304/2010 (AA511666)

Aus 4060 (INT 60) [*1306/2010*]

Insert	depth, *674m,* enclosed by contour	15º 04'.2 S	173º 33'.4 W
	depth, *733m,* enclosed by contour	15º 42'.6 S	174º 37'.3 W
Delete	depth, 1275m	15º 12'.0 S	173º 10'.0 W

I

103(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information
Former Notice - 48(T)/2011 is cancelled
Newcastle Port Corporation (AA514547)

Available depths as at 27 January 2011:

Berth	*Metres*
Western Basin 3	11.6
Western Basin 4	11.6
Eastern Basin 1	11.6
Eastern Basin 2 North of Ch 450	11.6
Eastern Basin 2 South of Ch 450	11.0
Channel Berth	8.3
Dyke 1	12.8
Dyke 2	12.8
* Dyke 4	16.1
* Dyke 5	16.1
Dyke 6	6.3
Mayfield 4 Ch 27 to 266	12.8
BHP Wharf 6 to Ch 1050	7.9
Kooragang 2	11.6
Kooragang 2 North Dolphin Ch 182 to 228	11.1
Kooragang 2 South Dolphin Ch -92 to 00	10.9
Kooragang 3	13.3
Kooragang 4	16.5
Kooragang 5	16.5
Kooragang 6	16.5
Kooragang 8	15.6
Kooragang 9	15.6
Kooragang Ship Receival KSR	7.5
Throsby 1	9.3
Carrington wharf	To be sounded as and when required
Foreshore Park Berth	5.9
Elgo wharf	To be sounded as and when required
Channels	
Entrance Approach	17.7
Entrance Channel (18.0m)	18.0
Entrance Channel (17.4m)	17.4
Entrance Channel (16.8m)	16.8
Entrance Channel (16.2m)	16.1
Entrance Channel to Horseshoe	15.2
Horseshoe	15.0
Steelworks Channel to Swinging Basin	15.0
Swinging Basin	15.0
Swinging Basin to Mayfield 4	12.8
Hunter River South Arm (Kooragang 6 to Kooragang 9)	15.0
Basin Cutting	12.8
Basin Area to Eastern & Western Basin Berths	12.3
Basin Area to 1 Throsby	10.0
Stockton Crossing	3.6

* Indicates revised entry.

Chart temporarily affected – Aus 207 – Aus 208

104(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Drilling operations completed
Former Notice - 1378(T)/2010 is cancelled
Advent Energy Ltd (AA502902)

Cancel this notice on receipt.

Chart formerly affected – Aus 810

I

105(T)/2011 AUSTRALIA - QUEENSLAND - Point Danger to Point Lookout - Scientific instruments
Former Notice - 848(T)/2010 is cancelled
Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

Special light buoys, *Fl(5)Y.20s,* exist in positions (WGS84 datum):
28° 10'.85 S 153° 34'.56 E
27° 58'.01 S 153° 26'.52 E
27° 29'.49 S 153° 37'.84 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected – Aus 230 – Aus 813 – Aus 814

106(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information
Former Notice - 52(T)/2011 is cancelled
Brisbane Port Corporation (AA514819), Maritime Safety Queensland Notice 83(T)/2011 (AA514571)

Available depths and under keel clearances (UKC) at 27 January 2011:

Berth	*Metres*	*Remarks*
* Fisherman Islands No10	13.4	
* Fisherman Islands No9	13.4	
* Fisherman Islands No8	13.2	
* Fisherman Islands No7	13.3	
* Fisherman Islands No6	13.3	
* Fisherman Islands No5	13.0	
* Fisherman Islands No4	13.0	
* Fisherman Islands No3	12.7	
* Fisherman Islands No2	13.2	
* Fisherman Islands No1	13.0	
* Fisherman Islands Grain and Woodchip	12.7	
* Caltex Fisherman Islands	14.1	
* BP Luggage Point	12.9	
* Fisherman Islands Coal	12.8	
* Fisherman Islands General Purpose	11.1	
* Caltex Products	9.8	
* Cement Australia Co Wharf	8.3	
* BP Products	10.5	
* Shell	10.6	
Pacific Terminals	10.8	
* Incitec North	9.7	
* Incitec South	9.9	
* Pinkenba 1	9.7	
* Pinkenba 2	9.7	
* Riverside Marina	-	
* Sugar Terminal	9.8	
* Cairncross Fitting Out Wharf	6.5	
* Cairncross Breasting Wharf	5.6	
* Brisbane Naval Wharf	-	
* Maritime No3	5.6	(not maintained)
* Maritime No2	8.5	
* Maritime No1	8.9	
* Hamilton No4	10.0	
* Hamilton No1	9.0	
* Brisbane Cruise Ship Terminal	9.4	

I

106(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information *(continued)*

	Metres	*UKC/Remarks*
Moreton Bay :		
North East Channel	5.5	1.5
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)
East Knoll Bypass Channel	6.9	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 Bar Cutting	13.0	1.46
* Fisherman Islands Swing Basin	13.0	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 - 0.9
* Pinkenba Swing Basin	8.9	0.6 - 0.9
* Hamilton Swing Basin	8.5	0.6 - 0.9

*Indicates new or revised entry.

Chart temporarily affected – Aus 235 – Aus 236 – Aus 237 – Aus 238

107(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Eagle Farm Flats Reach - Obstruction
Maritime Safety Queensland Notice 57(T)/2011 (AA513774)

An obstruction marked by a special light buoy, *Fl.Y.2·5s,* exists in position 27° 25'.88 S 153° 07'.25 E.

Chart temporarily affected – Aus 238

108(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Light buoys established
Maritime Safety Queensland Notice 80(T)/2011, 82(T)/2011 (AA514568, AA514569)

Obstructions marked by special light buoys, *Fl.Y.2·5s,* exist in the following positions;
27° 27'.94 S 153° 02'.00 E
27° 27'.84 S 153° 02'.11 E
27° 28'.49 S 153° 02'.51 E.

Chart temporarily affected – Aus 238

109(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Lights buoys recovered
Former Notice - 1381(T)/2010 is cancelled
Maritime Safety Queensland Notice 1057(T)/2010 (AA508927)

Cancel this notice on receipt.

Chart formerly affected – Aus 238

110(T)/2011 AUSTRALIA - QUEENSLAND - Arkwright Point - Scientific instrument
Former Notice - 505(T)/2010 is cancelled
Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

A special light buoy, *Fl(5)Y.20s,* exists in position 26° 33'.81 S 153° 10'.96 E (WGS84 datum).

Mariners are not to use the buoy as a mooring.

Chart temporarily affected – Aus 365

I

111(T)/2011 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Wreck salvaged
Former Notice - 56(T)/2011 is cancelled
Maritime Safety Queensland Notice 30(T)/2011 (AA513993)

Cancel this notice on receipt.

Chart formerly affected – Aus 240 – Aus 817

112(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Survey operations
Date - Until 22 February 2011
Maritime Safety Queensland Notice 59(T)/2011 (AA514220)

Survey operations are in progress in Auckland Channel (23° 50'.3 S 151° 17'.0 E), Gatcombe Channel (23° 52'.0 S 151° 20'.5 E), Golding Cutting (23° 55'.0 S 151° 25'.0 E), Boyne Cutting (23° 55'.8 S 151° 27'.7 E) and Wild Cattle Cutting (23° 54'.5 S 151° 30'.0 E).

Mariners should not pass within 150m of the survey vessel.

The vessel will display appropriate lights and shapes and maintain a listening watch on VHF Ch 13 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 244 – Aus 245 – Aus 246

113(T)/2011 AUSTRALIA - QUEENSLAND - Lisa Jane Shoals - Scientific instrument
Former Notice - 613(T)/2010 is cancelled
Maritime Safety Queensland Notice 53(T)/2011 (AA514094)

A special light buoy, *Fl(5)Y.20s,* exists in position 23° 18'.36 S 151° 04'.32 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 247 – Aus 819 – Aus 820

114(T)/2011 AUSTRALIA - QUEENSLAND - Cleveland Bay - Scientific instruments recovered
Former Notice - 1138(T)/2010 is cancelled
Maritime Safety Queensland Notice 889(T)/2010 (AA498779)

Cancel this notice on receipt.

Chart formerly affected – Aus 256 – Aus 827

115(P)/2011 AUSTRALIA - TORRES STRAIT - Prince of Wales Channel - Depths
Date - On or about 28 January 2011
Australian Hydrographic Service, Australian Maritime Safety Authority (AA512728, AA512730)

Depths exist as follows;

Position (WGS84 datum)	*Depth*
10° 32'.72 S 142° 02'.01 E	11.1m
10° 34'.22 S 142° 04'.49 E	11.1m.

Charting action will be undertaken on completion of check survey.

Chart which will be affected – Aus 296 – Aus 700

I

116(T)/2011 PAPUA NEW GUINEA - Gulf of Papua - Seismic survey completed
Former Notice - 1397(T)/2010 is cancelled
National Maritime Safety Authority PNG Notice 44/2010 (AA508037)

Cancel this notice on receipt.

Chart formerly affected – Aus 378 – Aus 502

117(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Norman River - Light buoy withdrawn
Maritime Safety Queensland Notice 38(T)/2011 (AA514017)

The special light buoy, *Fl.Y.4s* (17° 29'.51 S 140° 49'.67 E), has been temporarily withdrawn.

Chart temporarily affected – Aus 6

118(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm Port - Drilling operations
Date - Until 31 March 2011
Darwin Port Corporation Notice 1(T)/2011 (AA514583)

The drill rig *Sideson2* is conducting drilling operations in the vicinity of position 12° 29'.5 S 130° 53'.0 E.

The drill rig will display appropriate lights.

Updates on the position of the drill rig can be obtained by contacting Darwin Harbour on VHF Ch 10.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 26 – Aus 28 – AX 72026

119(T)/2011 EAST TIMOR - Sahul Banks - Oil field
Eni Australia (AA514656, AA514657)

The MV *Skandi Seven* is installing a mooring system for the Kitan oil field (10° 37'.54 S 126° 10'.03 E).

The FPSO will be installed in mid May.

Chart temporarily affected – Aus 312 – Aus 4721 (INT 721) – AX 0312F – AX 4721F

120(T)/2011 AUSTRALIA - TIMOR SEA - Osborn Passage - Platform; mooring buoys
Former Notice - 569(T)/2010 is cancelled
Date - Until 31 December 2011
PTTEP Australasia (AA513754)

The drill rig *Montara* exists in position 12° 40'.33 S 124° 32'.37 E, it is damaged and unlit. A guard boat, either MV *Queen of Peace* or MV *Business Class,* will remain in the vicinity.

Unlit mooring buoys exist in positions 12° 39'.66 S 124° 32'.44 E, 12° 40'.72 S 124° 32'.45 E and 12° 40'.11 S 124° 32'.45 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 314 – Aus 319 - Aus 4721 (INT 721) – Aus 4722 (INT 722) – AX 0314F – AX 0319F

I

121(T)/2011 INDIAN OCEAN - Sumatera - Scientific instruments westwards
Former Notice - 1458(T)/2009 is cancelled
JAMSTEC (AA514619)

Scientific instruments, Triton buoys, exist as follows:

Number	*Position*
17	5° 01'.97 S 94° 58'.60 E
18	1° 36'.18 S 90° 04'.44 E
19	8° 04'.05 S 95° 07'.40 E.

Chart temporarily affected – Aus 4070 (INT 70) – Aus 4071 (INT 71)

122(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef to James Price Point - Scientific instruments
Former Notice - 1085(T)/2010 is cancelled
Date - Until 30 June 2011
Fugro Survey Pty Ltd (AA514506 - AA514508)

Scientific instruments exist as follows:

Position		*Remarks*
14° 56'.62 S	121° 44'.93 E	subsurface
15° 00'.15 S	121° 46'.77 E	subsurface
15° 02'.37 S	121° 48'.41 E	lit buoy
15° 02'.57 S	121° 48'.24 E	lit buoy
15° 02'.81 S	121° 48'.08 E	subsurface
15° 03'.49 S	121° 48'.21 E	subsurface
15° 37'.37 S	121° 33'.86 E	lit buoy
15° 37'.56 S	121° 33'.85 E	lit buoy
15° 37'.77 S	121° 33'.88 E	lit buoy
15° 54'.51 S	121° 32'.06 E	lit buoy
16° 21'.57 S	121° 40'.16 E	lit buoy
16° 21'.74 S	121° 40'.19 E	lit buoy
16° 47'.49 S	121° 44'.21 E	lit buoy
16° 47'.63 S	121° 44'.04 E	lit buoy
16° 47'.95 S	121° 44'.02 E	lit buoy
17° 29'.45 S	121° 55'.32 E	lit buoy
17° 31'.24 S	122° 07'.52 E	lit buoy
17° 31'.27 S	122° 07'.59 E	lit buoy
17° 31'.41 S	122° 07'.45 E	lit buoy
17° 31'.19 S	122° 07'.52 E	lit buoy.

Chart temporarily affected – Aus 322 – Aus 323 – Aus 324 – AX 0322F

123(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Oil field northwestwards
Former Notice - 1144(T)/2010 is cancelled
Date - Until 30 June 2011
Woodside Energy Ltd (AA514650)

ISV *Nor Australis, Venturer* and *Rockwater 2* will be conducting refurbishment work on the Wanaea oil field infrastructure within the following area (WGS84 datum):
19° 26'.5 S 116° 29'.0 E
19° 33'.5 S 116° 30'.0 E
19° 37'.0 S 116° 24'.5 E
19° 36'.0 S 116° 24'.0 E.

FPSO *Cossack Pioneer* will be decommissioned mid March 2011.

FPSO *Okha* will be established early May 2011.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 327 – Aus 741

I

124(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Scientific instrument
Date - Until 31 December 2011
Department of Transport WA (AA511737, AA514503, AA514504)

A scientific instrument marked by a special light buoy, *Fl(5)Y.20s,* exists in position 20° 50'.14 S 115° 30'.46 E.

Chart temporarily affected – Aus 62 – Aus 742 – Aus 743

125(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - North West Cape - Seismic survey southwestwards
Former Notice - 1338(T)/2010 is cancelled
Shell Development (Australia) Pty Ltd (AA505828, AA505837)

Cancel this notice on receipt.

Chart formerly affected – Aus 329 – Aus 745 - AU323113

126(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Goat Island - Light buoy re-established
Former Notice - 1280(T)/2010 is cancelled
Department of Transport, Energy and Infrastructure SA Notice 3/2011 (AA514007)

Cancel this notice on receipt.

Chart formerly affected – Aus 120

127(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Marron Reef - Light beacon out of position
A Duncan (AA514224, AA514228)

Light beacon (35° 09'.21 S 137° 49'.28 E) reported to lie 400m west (35° 09'.21 S 137° 49'.03 E) of its charted position.

Chart temporarily affected – Aus 139 – Aus 780 – Aus 781

128(T)/2011 AUSTRALIA - VICTORIA - Cape Duquesne to Port Campbell - Scientific instruments
Date - Until 31 July 2012
Cardno (AA514821)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s,* exist in positions 38° 21'.75 S 141° 14'.47 E and 38° 43'.06 S 142° 46'.79 E.

Chart temporarily affected – Aus 348 – Aus 349 – Aus 787

129(T)/2011 AUSTRALIA - TASMANIA - Bluff Hill Point - Drilling operations northwestwards
Date - Until 21 February 2011
Environment Resource Group (AA514299, AA514300)

MV *Yarabah* will be conducting drilling operations from the 10 February 2011in two areas bounded by the following positions:
39° 58'.12 S 142° 52'.97 E
39° 51'.05 S 143° 05'.08 E
39° 54'.91 S 143° 05'.08 E
39° 54'.91 S 143° 10'.08 E
40° 03'.48 S 143° 10'.08 E
40° 07'.93 S 143° 02'.62 E
and
40° 38'.83 S 142° 53'.98 E
40° 26'.74 S 143° 20'.08 E
40° 47'.45 S 143° 36'.65 E
40° 59'.69 S 143° 11'.40 E.

Chart temporarily affected – Aus 4644 (INT 644) – Aus 4728 (INT 728)

I

130(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Maribyrnong River - Harbour works
Date - Until 12 March 2011
Victorian Notice 16(T)/2011 (AA514235)

Remediation work on berth No 1 (37° 49'.05 S 144° 54'.38 E) is in progress during the period 27 January to 3 February 2011 and 5 March to 12 March 2011.

During this period the berth will be closed to shipping.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 154

131(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Rye - Dredging operations completed
Former Notice - 1352(T)/2010 is cancelled
Victorian Notice 118(T)/2010 (AA505778)

Cancel this notice on receipt.

Chart formerly affected – Aus 158

132(T)/2011 AUSTRALIA - BASS STRAIT - Seismic survey
Date - Until 10February2011
Northern Territory Shipping Agencies (AA514565)

MV *Ramform Sterling,* and support vessel MV *Ocean Dynasty* are conducting a survey in an area bounded by the following positions:
39° 55'.21 S 146° 22'.67 E
39° 53'.60 S 146° 36'.28 E
40° 17'.20 S 146° 44'.37 E
40° 18'.82 S 146° 33'.18 E
40° 08'.08 S 146° 29'.49 E
40° 08'.31 S 146° 26'.99 E.

Chart temporarily affected – Aus 487 – Aus 4644

133(T)/2011 PACIFIC OCEAN - Scientific instruments
Former Notice - 1471(T)/2009 is cancelled
JAMSTEC (AA514619)
Scientific instruments, Triton buoys, exist as follows:

Number	*Position*
4	0° 01'.02 S 155° 57'.35 E
5	1° 58'.97 S 156° 01'.84 E
6	4° 58'.03 S 156° 01'.00 E
9	0° 01'.48 S 146° 59'.98 E.

Chart temporarily affected – Aus 399 – Aus 4622 (INT 622)

134(T)/2011 PACIFIC OCEAN - South Fiji - Light buoy off station
Former Notice - 79(T)/2011 is cancelled
Australian Bureau of Meteorology (AA514628)

The light buoy, *Fl.Y.2s* (26° 04'.0 S 176° 00'.0 E), is drifting and currently in position 25° 17'.81 S 176° 00'.11 E (26 Jan 2011).

Chart temporarily affected – Aus 4602 (INT 602)

HYDROGRAPHIC REPORTS

Locality	*Report*	*Ship/Authority*	*Observer*
QLD- Thursday Island	Helicopter landing site	ACV *Hervey Bay*	P Jarvie
SA- Marron Reef	Light beacon		A Duncan

NAVIGATION WARNINGS

The following radio messages have been received during the period to 28 January 2011. 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

012 Cancelled.
013 Cancelled.
014 Cancelled.
015 Wavescan buoy M1 diameter 2.8m with flashing light in position 15º 02'·37 S 121º 48'·41 E with 1m diameter wave rider buoy M32 with flashing light within 0.3M. Waverider buoy M2 diameter 1m with flashing light in position 16º 47'·63 S 121º 44'·04 E. Wavescan buoy M24 diameter 2.8m with flashing light in position 17º 31'·26 S 122º 07'·59 E with 1m wave rider buoy M25 with flashing light within 0.3M.
016 Cancelled.
017 Special purpose vessel *Aquila Explorer* conducting seismic survey towing 5·4M cable in area bounded by 12º 32'·0 S to 16º 15'·0 S and 119º 20'·0 E to 124º 20'·0 E. 7M clearance requested.
018 Unlit yellow buoy 2m diameter in position 38º 08'·04 S 148º 30'·81 E.
019 Cancelled.
020 Cancelled.
021 Cancelled.
022 Cancelled.
023 Unlit pylon established in position 20º 01'·40 S 116º 18'·50 E.
024 Challis field 12º 09'·23 S 124º 49'·46 E. Decommissioning works commencing 250001 UTC Jan until further notice. 2M clearance requested.
025 Cancelled.
026 Cancelled.
027 Cancelled.
028 Karratha DGPS station ALRS Vol(2) in position 20º 42'·41 S 116º 46'·44 E temporarily discontinued.
029 Special purpose vessel *Ramform Explorer* conducting seismic survey in area bounded by 13º 55'·0 S to 15º 05'·0 S and 122º 25'·0 E to 123º 43'·0 E. 6M clearance requested.
030 Special purpose vessel *Geo Celtic* conducting seismic survey towing 4M cable in area bounded by 18º 24'·0 S to 19º 07'·0 S and 118º 30'·0 E to 119º 00'·0 E. 7M clearance requested.

NAVAREA X WARNINGS

Nil.

Navigational warnings in force as at 280001UTC JAN 11.

Auscoast
2010 271 282 283 292 312 313 316 320 328
2011 007 008 015 017 018 023 024 028 029 030

Navarea X
2010 012 013 014
2011 001

Summary of mobile drilling rigs as at 280001UTC JAN 11.

Name	*Position*
Songa Venus	11º 31'·23 S 127º 07'·03 E
Ocean Epoch	19º 23'·15 S 116º 18'·12 E
Ensco 109	20º 17'·23 S 116º 16'·31 E
Atwood Eagle	20º 06'·37 S 114º 43'·08 E
Maersk Discoverer	19º 25'·32 S 114º 22'·34 E
Jack Bates	20º 03'·52 S 113º 35'·59 E

NAVAREA XIV WARNINGS

003 Cancelled.
004 South Pacific Ocean, Fiji, Viti Levu aast coast and southern Lau Group. The following lights are unlit:
Makogai K4733.4 17º 27'·2S 178º 58'·60 E
Vatoa (Turtle Island) K4759 19º 49'·7S 178º 13'·4 W
005 Cancelled.
006 Cancelled.

Navarea XIV warnings in force as at 280001UTC Jan 11.

2010 038 047 051
2011 004

To accompany Australian Notice to Mariners 93/2011

RESTRICTED AREA - BARROW ISLAND

Entry to the Port of Barrow Island is restricted; contact Barrow Island Port Control on VHF channel 10 for transit of this area.

Note for chart Aus 62.

To accompany Australian Notice to Mariners 93/2011

RESTRICTED AREA - BARROW ISLAND

Entry to the Port of Barrow Island is restricted; contact Barrow Island Port Control on VHF channel 10 for transit of this area.

Note for chart Aus 742.

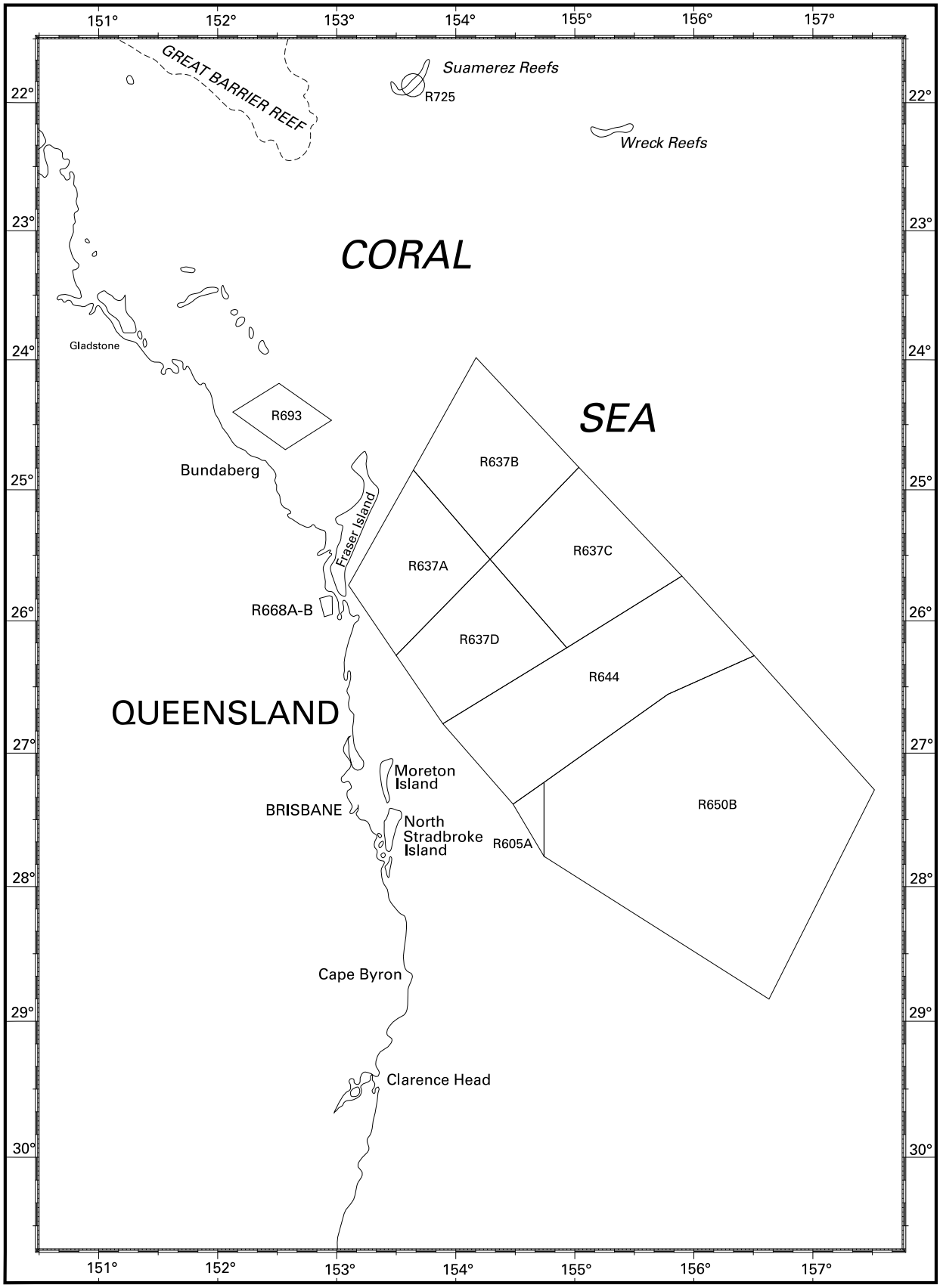
To accompany Australian Notice to Mariners 93/2011

RESTRICTED AREA - BARROW ISLAND

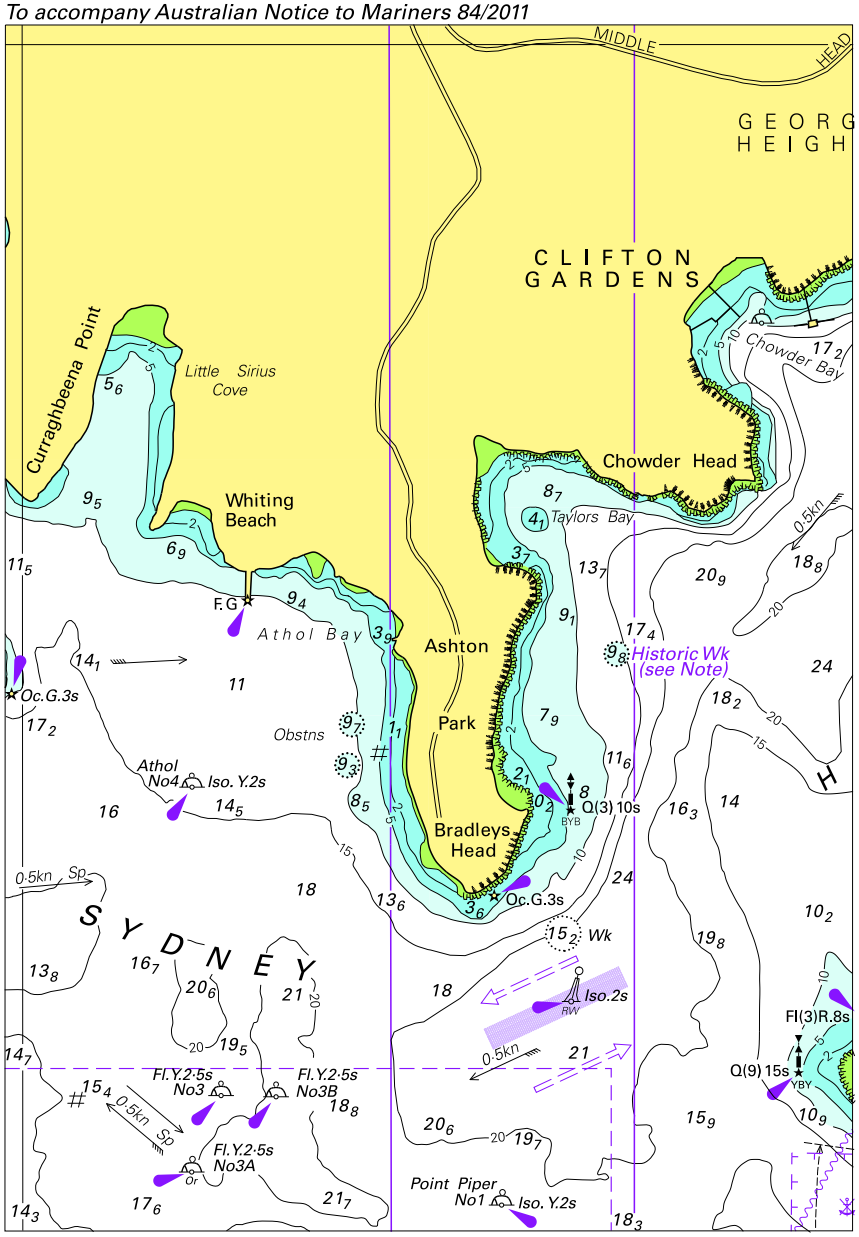
Entry to the Port of Barrow Island is restricted; contact Barrow Island Port Control on VHF channel 10 for transit of this area.

Note for chart Aus 743.

Queensland South – Coral Sea



To accompany Australian Notice to Mariners 84/2011

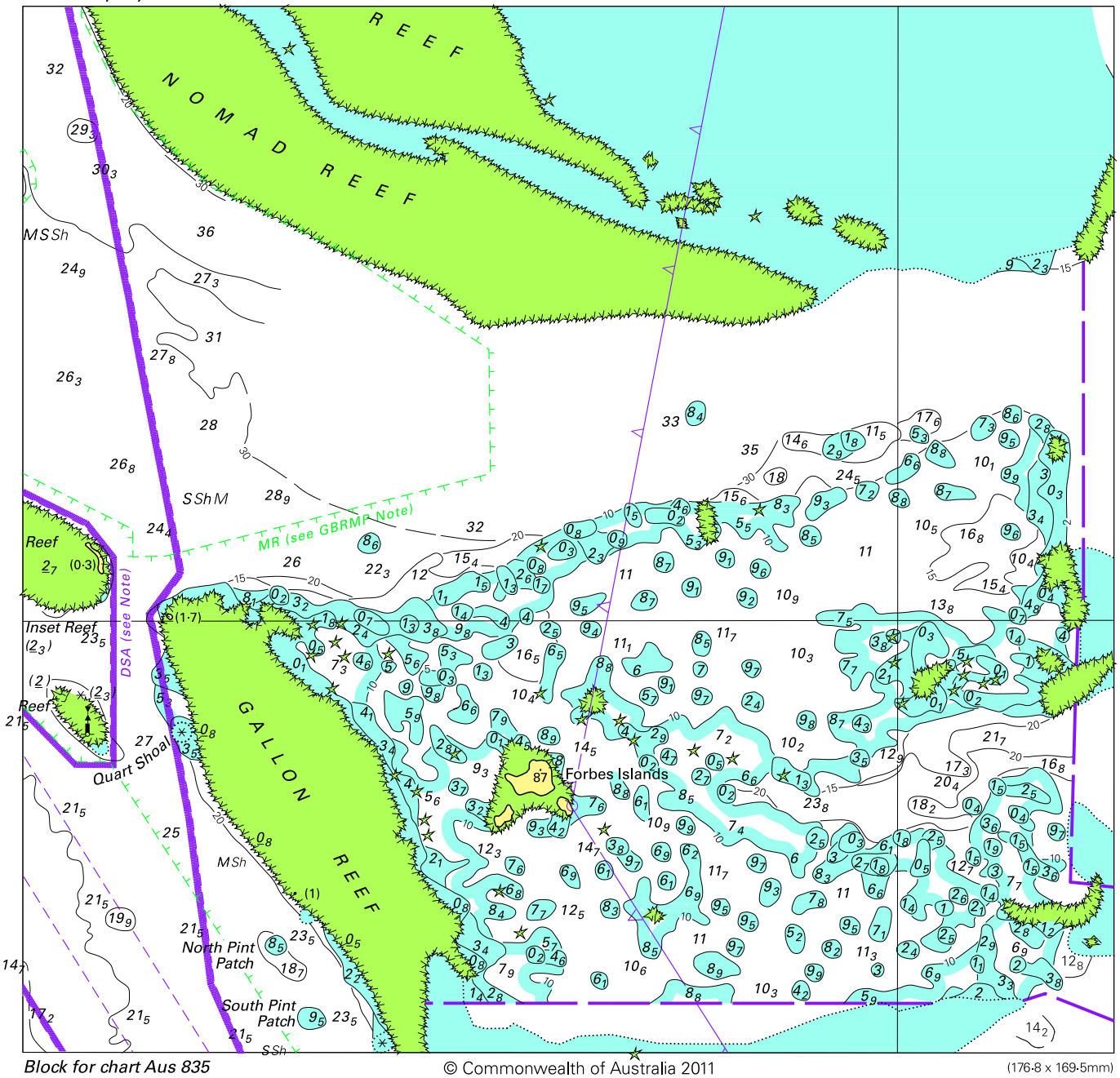


Block for chart Aus 200

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(112·1 x 159·5mm)

To accompany Australian Notice to Mariners 87/2011

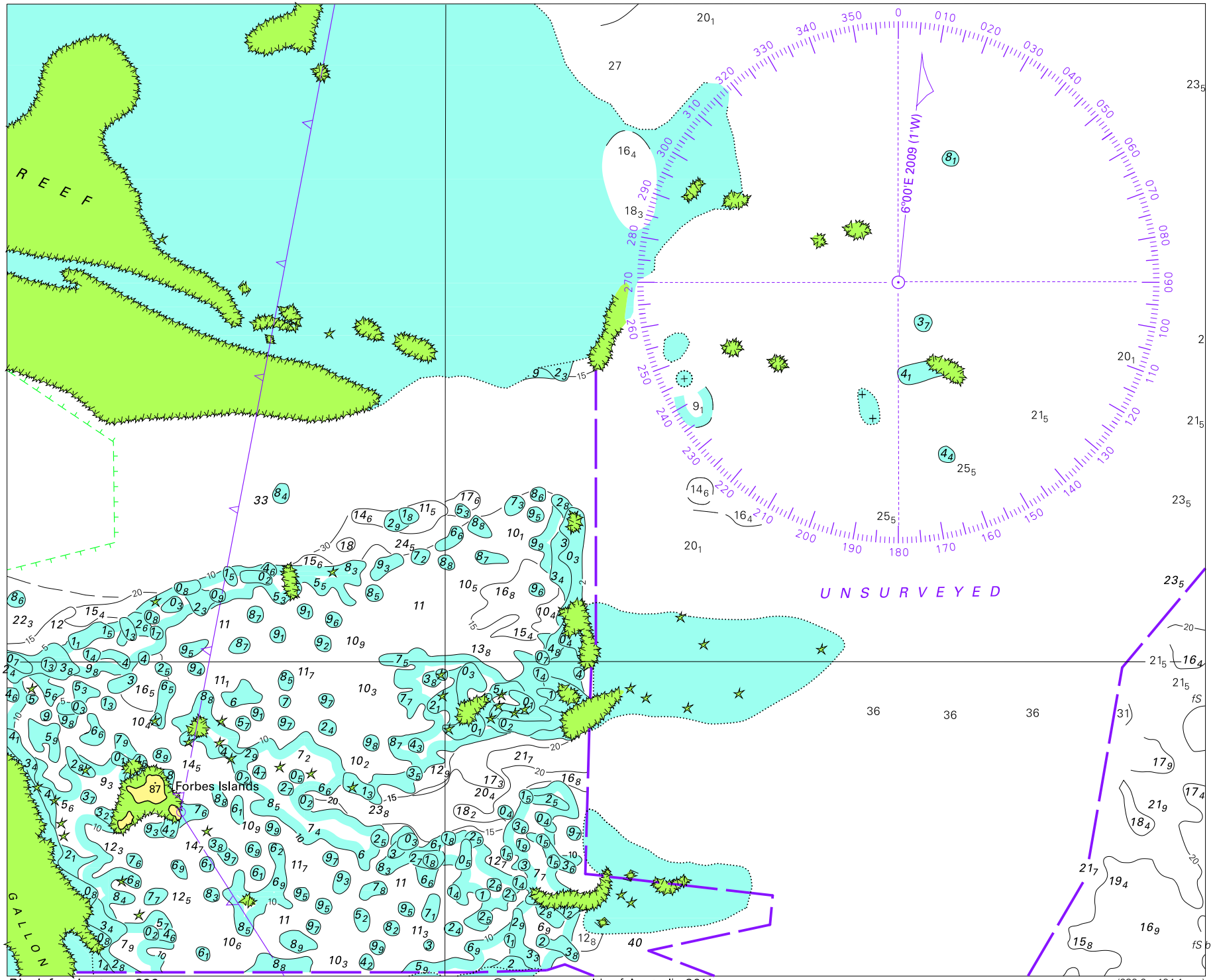


Block for chart Aus 835

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(176·8 x 169·5mm)

To accompany Australian Notice to Mariners 87/2011

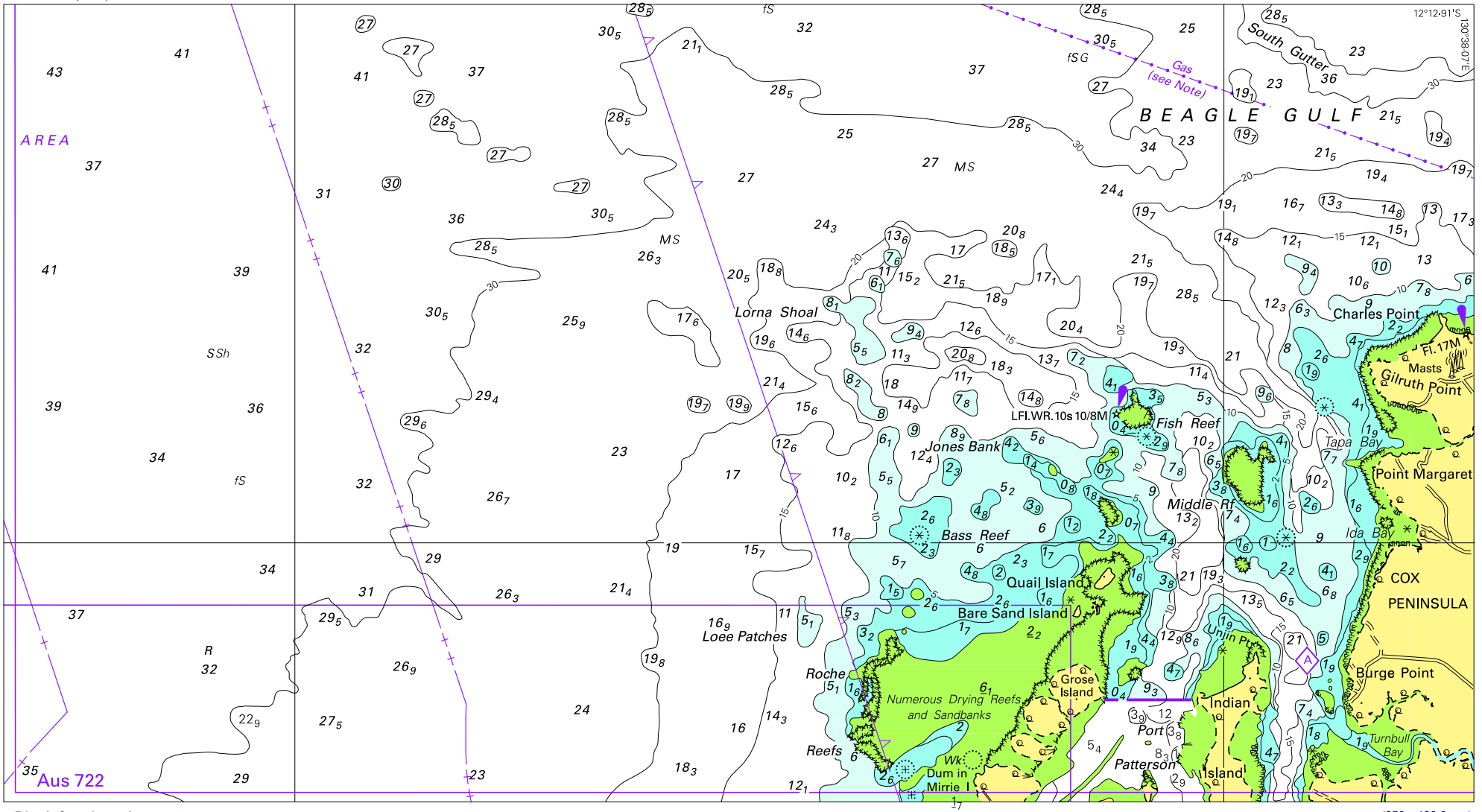


Block for chart aus 836

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(239·2 x 194·1mm)

To accompany Australian Notice to Mariners 90/2011

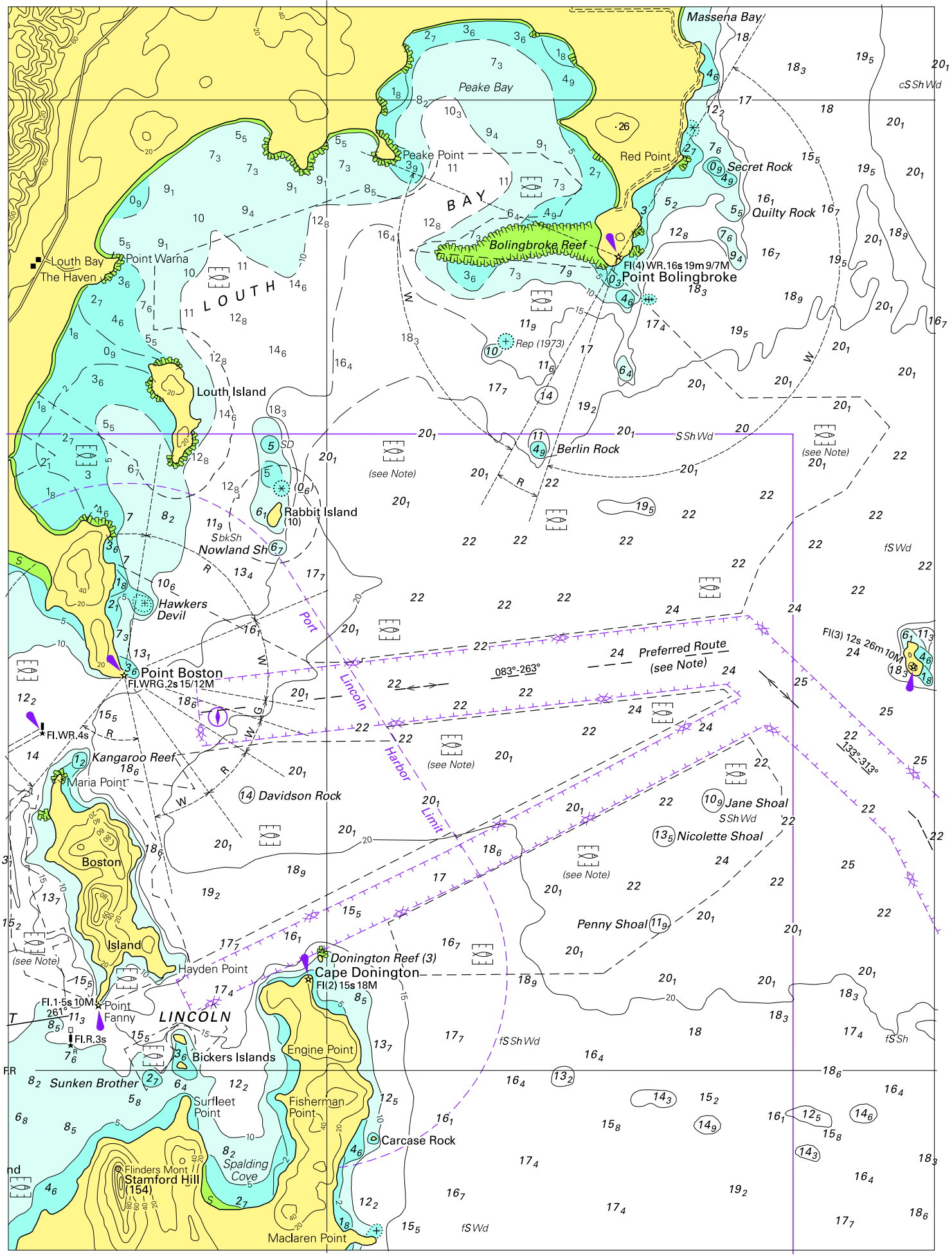


Block for chart Aus 316

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(259 x 139·9mm)

To accompany Australian Notice to Mariners 97/2011

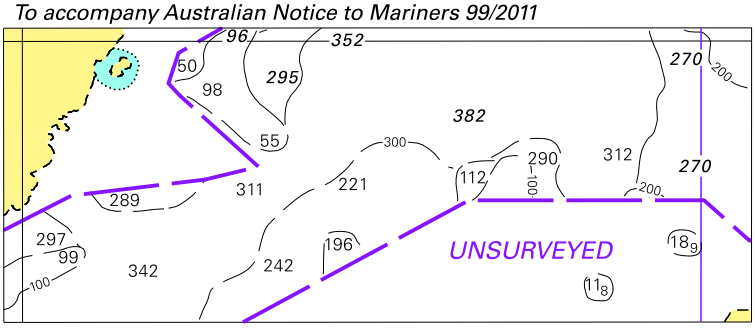


Block for chart Aus 776

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(190·6 x 255·9mm)

To accompany Australian Notice to Mariners 99/2011

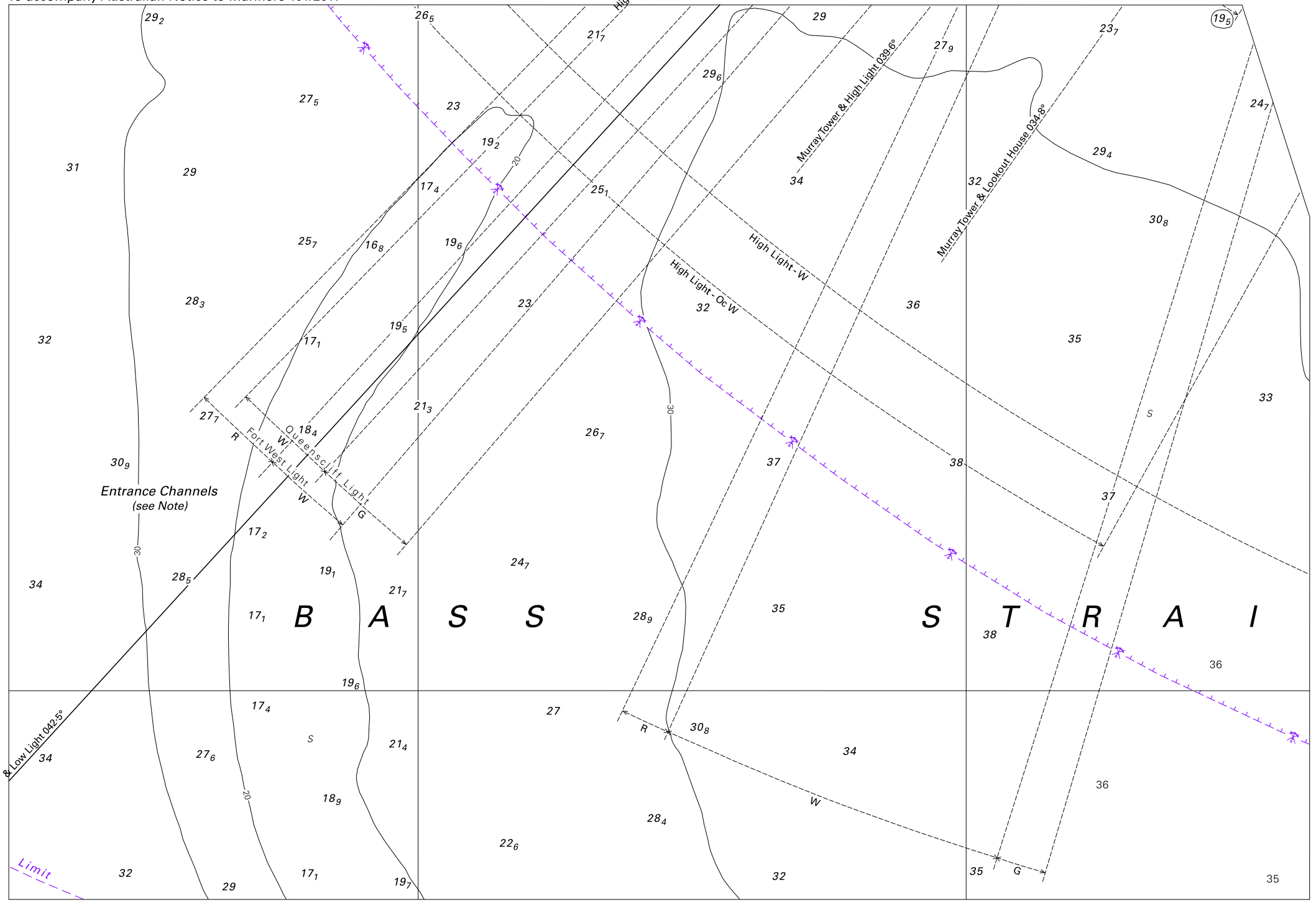


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Block for chart Aus 600

(98·9 x 38·9 mm)

To accompany Australian Notice to Mariners 101/2011



Block for chart Aus 144

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(190·4 x 276·7mm)