18 November 2011 **Edition 23**

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

AUSTRALIAN NOTICES TO MARINERS

Notices 1174 – 1230

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN 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

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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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1174 AUSTRALIA - Product
Australian Hydrographic Service (AA566654)

New Chart

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 55	18/11/2011	Australia - North West Coast - Western Australia - Approaches to Port Walcott 20° 22'·0 S - 20° 39'·7 S 117º 00'·1 E - 117º 32'·2 E *New charts with amended limits to provide additional coverage of the eastern approaches to Port Walcott. The vertical datum is referred to LAT.*	1:50 000	Aus 5001	$35.00
Aus 293	18/11/2011	Australian - North Coast - Torres Strait - Prince of Wales Channel 10° 23'·40 S - 10° 36'·70 S 142º 04'·20 E - 142º 27'·16 E *New chart with amended limits to provide additional coverage of the western approaches to Prince of Wales Channel; includes the amended two-way route north of Alert Patches. The chart has been compiled with additional soundings to support the under keel clearance management for Torres Strait.*	1:37 500	Aus 5000	$35.00
Aus 296	18/11/2011	Australian - North Coast - Torres Strait - Prince of Wales Channel to Varzin Passage 10° 26'·50 S - 10° 39'·80 S 141º 48'·36 E - 142º 09'·60 E *New chart at a larger scale to provide improved coverage; includes the extension of the two-way route from Prince of Wales Channel to Varzin and Gannet Passages. The chart has been compiled with additional soundings to support the under keel clearance management for Torres Strait.*	1:37 500	Aus 5000	$35.00

New Edition

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 121	18/11/2011	Plans in South Australia - South West Coast		Aus 5001	$35.00
		Plans:			
		Streaky Bay	1:75 000		
		32° 27'·0 S - 32° 48'·0 S 134º 11'·2 E - 134º 18'·5 E			
		Coffin Bay	1:75 000		
		34° 20'·0 S - 34° 39'·1 S 135º 11'·0 E - 135º 31'·0 E			
		Port Eyre	1:50 000		
		31° 58'·4 S - 32° 02'·9 S 132º 25'·0 E - 132º 32'·3 E			
		Blanche Port	1:37 500		
		32° 43'·2 S - 32° 48'·4 S 134º 11'·2 E - 134º 14'·8 E			
		Venus Bay	1:37 500		
		33° 10'·00 S - 33° 16'·00 S 134º 37'·40 E - 134º 42'·98 E			
		Waterloo Bay	1:25 000		
		33° 38'·12 S - 33° 39'·60 S 134º 51'·40 E - 134º 53'·90 E			
		New edition referred to WGS84 datum.			

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New Chart to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 133	Australia - South Coast - South Australia - Plans in South Australia (Sheet 3)		2 December 2011
	Plan:		
	Wallaroo Bay	1:17 500	
	Port Lincoln Wharves	1:7 500	
Aus 135	Australia - South Coast - South Australia - Plans in South Australia (Sheet 4)		2 December 2011
	Plan:		
	Port Bonython	1:12 500	
	Whyalla	1:10 000	
Aus 346	Australia - South Coast - South Australia - Kangaroo Island (South Coast)	1:300 000	2 December 2011
Aus 448 (INT 9038)	Australian Antarctic Territory - Kirkby Head to Magnet Bay	1:500 000	2 December 2011

New Edition to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 17	Australia - North Coast - Northern Territory - Approaches to Maningrida	1:50 000	2 December 2011

Chart permanently withdrawn

Chart	*On publication of new chart*
Aus 55	Aus 55
Aus 121	Aus 121
Aus 293	Aus 293
Aus 296	Aus 296

Chart permanently withdrawn without replacement

Chart	*On publication of new chart*
Aus 289	Aus 296

Chart to be permanently withdrawn without replacement

Chart	*Remarks*
Aus 402	On publication of new chart Aus 448
Aus 442	On 10 February 2012

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.

1175 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2012
Australian Hydrographic Service (AA566418)

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Amend Seeadler Harbour To Chart Datum AUS 391 NC 4 NOV 2011 0.0

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Insert maximum rate 2354 -0.7 14 Sep 2012

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1176* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Restricted area
Sydney Ports Corporation Notice 12/2011 (AA565531)

Aus 198 [*1114/2011*]

Insert	restricted area limit, between	33º 58'.924 S	151º 12'.538 E
		33º 58'.943 S	151º 12'.504 E
		33º 58'.538 S	151º 12'.046 E
		33º 58'.338 S	151º 11'.885 E
		33º 57'.634 S	151º 11'.709 E
		33º 57'.589 S	151º 11'.730 E
		33º 57'.549 S	151º 11'.820 E
		33º 57'.509 S	151º 11'.858 E
Delete	restricted area limit, between	33º 58'.19 S	151º 12'.47 E
		33º 58'.92 S	151º 12'.54 E

Aus 199 [*1114/2011*]

Insert	restricted area limit, between	33º 58'.924 S	151º 12'.538 E
		33º 58'.943 S	151º 12'.504 E
		33º 58'.538 S	151º 12'.046 E
		33º 58'.338 S	151º 11'.885 E
		33º 57'.634 S	151º 11'.709 E
		33º 57'.589 S	151º 11'.730 E
		33º 57'.549 S	151º 11'.820 E
		33º 57'.509 S	151º 11'.858 E
Delete	restricted area limit, between	33º 58'.19 S	151º 12'.47 E
		33º 58'.92 S	151º 12'.54 E

1177* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Neutral Bay to Rozelle Bay - Infrastructure; light beacon
Bellingham Marine (AA562373), NSW Maritime (AA564258 - AA564260)

Aus 200 [*1115/2011*]

Insert	accompanying block	33º 51'.0 S	151º 13'.0 E

Aus 202 [*1115/2011*]

Insert	accompanying block	33º 50'.9 S	151º 13'.1 E
Delete	light beacon	33º 52'.15 S	151º 11'.05 E

AX 6202F [*1115/2011*]

Insert	accompanying block	33º 50'.9 S	151º 13'.1 E
Delete	light beacon	33º 52'.15 S	151º 11'.05 E

1178* AUSTRALIA - NEW SOUTH WALES - Port Macquarie - Hastings River - Buoy
NSW Maritime (AA560563, AA560564)

Aus 219 (plan, Hastings River) [*1297/2010*]

Insert	starboard lateral conical buoy, without topmark	31º 24'.802 S	152º 53'.549 E
Delete	depth, 3_1m	31º 24'.79 S	152º 53'.57 E

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1179* AUSTRALIA - NEW SOUTH WALES - Evans River - Navaids
NSW Maritime (SS553852, AA553853, AA553855 - AA553860)

Aus 220 (plan, Evans Head) [*999/2011*]

Insert	accompanying block	29º 07'.1 S	153º 26'.1 E

1180* AUSTRALIA - TORRES STRAIT - Prince of Wales Channel - Two-way route; chart limits
Former Notice - 1155(P)/2011 is cancelled
Australian Hydrographic Service (AA562395), Australian Maritime Safety Authority (AA562159)

Aus 292 [*792/2011*]

Insert	accompanying block A	10º 31'.5 S	142º 11'.5 E
	accompanying block B	10º 31'.5 S	142º 22'.0 E
	magenta limits, with legend *Aus 296* in NE corner,		
	between	10º 26'.50 S	142º 07'.07 E
		10º 26'.50 S	142º 09'.60 E
		10º 27'.83 S	142º 09'.60 E
	magenta limits, between	10º 36'.66 S	142º 27'.16 E
		10º 24'.12 S	142º 27'.16 E
	magenta limits, between	10º 34'.96 S	142º 09'.60 E
		10º 39'.80 S	142º 09'.60 E
		10º 39'.80 S	142º 07'.07 E
Move	magenta legend, Aus 293	10º 36'.5 S	142º 27'.5 E
	to	10º 36'.5 S	142º 26'.8 E
Delete	magenta limits, between	10º 36'.7 S	142º 27'.2 E
		10º 36'.7 S	142º 27'.8 E
		10º 24'.1 S	142º 27'.8 E
	legend, Adjoining Chart Aus 296, in W border	10º 34'.0 S	142º 07'.1 E

Aus 294 [*632/2011*]

Insert	magenta limits, between	10º 36'.75 S	142º 06'.48 E
		10º 36'.75 S	142º 04'.14 E
		10º 36'.20 S	142º 04'.14 E
	magenta limits, with legend *Aus 296* in SW corner,	10º 36'.20 S	141º 48'.30 E
	between	10º 39'.89 S	141º 48'.30 E
		10º 39'.89 S	142º 09'.54 E
		10º 36'.20 S	142º 09'.54 E
Move	magenta legend, Aus 293	10º 36'.7 S	142º 07'.2 E
	to	10º 36'.7 S	142º 04'.6 E
Delete	magenta limits, between	10º 36'.8 S	142º 06'.5 E
		10º 36'.2 S	142º 06'.5 E
	magenta limits, with legend Aus 289, centred on	10º 36'.5 S	141º 54'.0 E
	legend, Adjoining Chart Aus 296, in N border	10º 36'.2 S	141º 56'.5 E
	legend, Adjoining Chart Aus 296, in W border	10º 42'.0 S	141º 44'.0 E

Aus 301 [*632/2011*]

Insert	accompanying block	10º 36'.0 S	142º 05'.0 E

Aus 376 [*1124/2011*]

Insert	accompanying block	10º 30'.0 S	142º 10'.0 E

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1180* AUSTRALIA - TORRES STRAIT - Prince of Wales Channel - Two-way route; chart limits *(continued)*

Aus 700 [*1124/2011*]

Insert	accompanying block A	10º 33'.0 S	142º 00'.0 E
	accompanying block B	10º 33'.0 S	142º 12'.0 E
	magenta limits, with legend *Aus 293* in NW corner, between	10º 28'.53 S	142º 04'.20 E
		10º 23'.40 S	142º 04'.20 E
		10º 23'.40 S	142º 20'.93 E
	magenta limits, with legend *Aus 296* in SW corner, between	10º 37'.26 S	142º 09'.60 E
		10º 39'.80 S	142º 09'.60 E
		10º 39'.80 S	141º 48'.36 E
		10º 26'.50 S	141º 48'.36 E
		10º 26'.50 S	142º 09'.60 E
		10º 28'.10 S	142º 09'.60 E
Delete	magenta limits, with legend Aus 296, centred on	10º 34'.0 S	141º 45'.0 E

Aus 839 [*1064/2011*]

Insert	accompanying block	10º 31'.0 S	142º 24'.0 E
	magenta limits, with legend *Aus 293* in NE corner, between	10º 23'.40 S	142º 18'.05 E
		10º 23'.40 S	142º 27'.16 E
		10º 27'.60 S	142º 27'.16 E
	magenta limits, between	10º 35'.41 S	142º 27'.16 E
		10º 36'.70 S	142º 27'.16 E
		10º 36'.70 S	142º 18'.05 E

1181* PAPUA NEW GUINEA - Cape Ward Hunt - Depths; reef disproved eastwards; aeronautical beacons
HMAS *Leeuwin* (DHDB 1663236)

Aus 521 [*730/2008*]

Insert	accompanying block	8º 01'.0 S	148º 27'.5 E

Aus 522 [*942/2009*]

Insert	accompanying block	8º 01'.0 S	148º 27'.5 E

Aus 4060 (INT 60) [*1127/2011*]

Delete	danger circle	7º 59'.5 S	148º 27'.5 E
	aero beacon	7º 58'.0 S	145º 47'.0 E
	aero beacon	9º 27'.0 S	147º 13'.0 E
	aero beacon	8º 45'.0 S	148º 14'.0 E
	aero beacon	8º 30'.0 S	151º 05'.0 E
	aero beacon	5º 12'.0 S	145º 50'.0 E

Aus 4603 (INT 603) [*1127/2011*]

Delete	danger circle with legend, Br	7º 59'.5 S	148º 27'.5 E
	aero beacon	7º 58'.0 S	145º 47'.0 E
	aero beacon	6º 44'.0 S	146º 59'.0 E
	aero beacon	6º 36'.0 S	147º 51'.0 E
	aero beacon	5º 12'.0 S	145º 50'.0 E

Aus 4604 (INT 604) [*257/2011*]

Delete	danger circle with legend, Br	7º 59'.5 S	148º 27'.5 E
	aero beacon	9º 27'.0 S	147º 13'.0 E
	aero beacon	8º 45'.0 S	148º 14'.0 E
	aero beacon	8º 30'.0 S	151º 05'.0 E

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1181* PAPUA NEW GUINEA - Cape Ward Hunt - Depths; reef disproved eastwards; aeronautical beacons *(continued)*

Aus 4620 (INT 620) [*891/2011*]

Delete	danger circle with legend, (1925)	7º 59'.5 S	148º 27'.5 E

Aus 4621 (INT 621) [*845/2011*]

Delete	danger circle with legend, (1925)	7º 59'.5 S	148º 27'.5 E

Aus 4622 (INT 622) [*1123/2011*]

Delete	danger circle with legend, (1925)	7º 59'.5 S	148º 27'.5 E

AX 4603F [*1127/2011*]

Delete	danger circle with legend, Br	7º 59'.5 S	148º 27'.5 E
	aero beacon	7º 58'.0 S	145º 47'.0 E
	aero beacon	6º 44'.0 S	146º 59'.0 E
	aero beacon	5º 12'.0 S	145º 50'.0 E
	aero beacon	6º 36'.0 S	147º 51'.0 E

AX 4604F [*257/2011*]

Delete	danger circle with legend, Br	7º 59'.5 S	148º 27'.5 E
	aero beacon	9º 27'.0 S	147º 13'.0 E
	aero beacon	8º 45'.0 S	148º 14'.0 E
	aero beacon	8º 30'.0 S	151º 05'.0 E

AX 4620F [*891/2011*]

Delete	danger circle with legend, (1925)	7º 59'.5 S	148º 27'.5 E

AX 4621F [*845/2011*]

Delete	danger circle with legend, (1925)	7º 59'.5 S	148º 27'.5 E

1182* PAPUA NEW GUINEA - Admiralty Islands - Chart limits
Australian Hydrographic Service (AA564145)

Aus 4622 (INT 622) [*1181/2011*]

Insert	magenta limits, with legend *Aus 391* in NE corner, between	3º 31'.5 S	145º 43'.0 E
		3º 31'.5 S	148º 31'.5 E
		1º 44'.5 S	148º 31'.5 E
		1º 44'.5 S	145º 43'.0 E
		3º 31'.5 S	145º 43'.0 E
Delete	magenta limits, with legend Aus 462 , centred on	2º 00'.0 S	147º 00'.0 E

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1183* AUSTRALIA - QUEENSLAND - Red Island Point - Light buoys
Maritime Safety Queensland Notice 1056/2011 (AA564700)

Aus 294 (plan, Approaches to Red Island Point) [*1180/2011*]

Insert	port lateral cylindrical light buoy, *Fl.R.2·5s No4,* without topmark	10º 50'.151 S	142º 22'.142 E
	port lateral cylindrical light buoy, *Fl.R.2·5s No6,* without topmark	10º 50'.408 S	142º 22'.174 E
	starboard lateral conical light buoy, *Fl.G.2·5s No3,* without topmark	10º 50'.842 S	142º 21'.755 E
	special cylindrical light buoy, *Fl.Y.2·5s,* without topmark	10º 50'.958 S	142º 21'.780 E
Move	light buoy	10º 49'.82 S	142º 21'.33 E
	to	10º 49'.807 S	142º 21'.322 E
	light buoy	10º 50'.20 S	142º 22'.12 E
	to	10º 50'.187 S	142º 22'.142 E

1184* AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Wrecks; depth
Fugro Survey Pty Ltd (DHDB 1062470)

Aus 26 [*959/2011*]

Insert	depth, *9_1m,* enclosed by danger circle with legend, *Wk*	12º 30'.62 S	130º 53'.90 E
	depth, *4_5m,* enclosed by contour	12º 29'.79 S	130º 54'.52 E
Move	wreck	12º 30'.7 S	130º 54'.2 E
	to	12º 30'.64 S	130º 54'.17 E
Delete	dangerous wreck	12º 30'.6 S	130º 53'.8 E
	depth, 9_8m	12º 30'.6 S	130º 53'.9 E

Aus 28 [*959/2011*]

Insert	depth, *4_5m,* enclosed by contour	12º 29'.790 S	130º 54'.519 E
Move	wreck	12º 30'.60 S	130º 53'.78 E
	to	12º 30'.621 S	130º 53'.897 E
	wreck	12º 30'.68 S	130º 54'.20 E
	to	12º 30'.643 S	130º 54'.169 E

AX 72026 [*959/2011*]

Insert	depth, *9_1m,* enclosed by danger circle with legend, *Wk*	12º 30'.62 S	130º 53'.90 E
	depth, *4_5m,* enclosed by contour	12º 29'.79 S	130º 54'.52 E
Move	wreck	12º 30'.7 S	130º 54'.2 E
	to	12º 30'.64 S	130º 54'.17 E
Delete	dangerous wreck	12º 30'.6 S	130º 53'.8 E
	depth, 9_8m	12º 30'.6 S	130º 53'.9 E

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1185* AUSTRALIA - WESTERN AUSTRALIA - Cambridge Gulf - Cowan Patches to West Arm - Depths; light buoy
CGL Wyndham Port (AA566181, AA566182), Department of Transport WA (DHDB 1884988)

Aus 32 [*1068/2011*]

Insert	depth, *13_6m,* enclosed by contour	14º 49'.86 S	128º 14'.73 E
	depth, *19_4m,* enclosed by contour	14º 58'.77 S	128º 09'.58 E
	sandwaves symbol, centred on	14º 50'.1 S	128º 14'.5 E
Delete	depth, 41m	14º 58'.9 S	128º 09'.6 E
	depth, 29_5m, and enclosing contour	15º 01'.4 S	128º 07'.3 E

Aus 32 (plan, Approaches to Wyndham Wharf)

Move	light buoy	15º 23'.1 S	128º 06'.4 E
	to	15º 23'.328 S	128º 06'.440 E

Aus 318 [*852/2011*]

Insert	depth, *13_6m,* enclosed by contour	14º 49'.86 S	128º 14'.73 E
Delete	depth, 15_3m	14º 50'.3 S	128º 14'.8 E

Aus 726 [*545/2010*]

Insert	depth, *13_6m,* enclosed by contour	14º 49'.86 S	128º 14'.73 E
Delete	depth, 15_3m	14º 50'.3 S	128º 14'.8 E

1186* AUSTRALIA - WESTERN AUSTRALIA - Port Nelson and Prince Frederick Harbour - ZOC diagrams
Australian Customs and Border Protection Service (AA553621)

Aus 37 [*NC 15/7/2011*]

Substitute	accompanying ZOC diagram	14º 45'.0 S	125º 18'.0 E

Aus 729 [*742/2011*]

Insert	accompanying ZOC diagram	14º 50'.0 S	124º 10'.0 E

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1187* INDIAN OCEAN - Cocos Islands - South Keeling - Navaids; aeronautical beacon
Patrick Ports (AA543710, AA543711, AA566746)

Aus 606 [*305/2009*]

Insert	a dashed line in a direction 003° for a distance of 0·7M, thence a continuous line for 3M, with legend *183°,* emanating from light	12º 06'.74 S	96º 51'.68 E
	light beacon, *Q.Y,* with triangular topmark apex up	12º 06'.30 S	96º 51'.71 E
Amend	light beacon to *Fl.3s*	12º 06'.7 S	96º 51'.7 E
Delete	continuous line with legend, emanating from light	12º 06'.7 S	96º 51'.7 E
	aero beacon	12º 08'.7 S	96º 49'.2 E
	light beacon	12º 06'.3 S	96º 51'.8 E

Aus 607 [*1012/2011*]

Insert	accompanying block A	12º 07'.0 S	96º 51'.0 E
	accompanying block B	12º 08'.5 S	96º 51'.0 E
	continuous line with legend, *183°,* between	12º 05'.730 S	96º 51'.738 E
		12º 04'.036 S	96º 51'.827 E
Delete	aero beacon	12º 08'.72 S	96º 49'.17 E
	buoy with legend, Quarantine	12º 05'.56 S	96º 52'.86 E
	beacon	12º 05'.77 S	96º 52'.66 E
	beacon	12º 05'.96 S	96º 52'.84 E
	beacon	12º 06'.07 S	96º 52'.86 E
	beacon	12º 06'.12 S	96º 52'.88 E
	beacon	12º 06'.81 S	96º 53'.20 E

1188* AUSTRALIA - WESTERN AUSTRALIA - Dampier - King Bay - Light beacon
Australian Hydrographic Service (AA433964)

Aus 60 [*NC 9/9/2011*]

Amend	light beacon to *LFl.10s 5M Fairway No1*	20º 37'.69 S	116º 44'.08 E

1189* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Wapet Landing - Navaids
Chevron Australia Pty Ltd (AA565893, AA565894, AA566224)

Aus 62 [*1131/2011*]

Insert	light beacon, *Q(6)+LFl.15s,* without topmark	20º 43'.38 S	115º 29'.06 E
	light beacon, *Fl.R.5s,* without topmark	20º 43'.48 S	115º 28'.57 E

1190* AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Depth southeastwards
Australian Hydrographic Service (AA565796)

Aus 742 [*1131/2011*]

Insert	depth, *11_1m*	20º 58'.39 S	115º 35'.04 E

Aus 743 [*1131/2011*]

Insert	displaced sounding, *11_1m*	20º 58'.39 S	115º 35'.04 E

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1191* AUSTRALIA - WESTERN AUSTRALIA - Gascoyne River - Navaids
Department of Transport WA (AA556122, AA556123, AA556125)

Aus 73 (plan, Carnarvon) [*198/2009*]

Insert	accompanying block A	24º 53'.7 S	113º 38'.9 E
	accompanying block B	24º 53'.1 S	113º 39'.1 E

1192* SOUTHERN OCEAN - Southeast Indian Ridge - Depths
Geoscience Australia (DHDB 1949447)

Aus 4060 (INT 60) [*1181/2011*]

Insert	depth, *2094m,* and extend contour SW to enclose	50º 11'.8 S	113º 55'.5 E
	depth, *2126m*	49º 17'.5 S	108º 29'.0 E
Substitute	depth, *2710m,* for depth, 3047m	37º 34'.0 S	116º 00'.0 E
Delete	depth, 1633m, and enclosing contour	49º 39'.0 S	108º 38'.0 E

Aus 4070 (INT 70) [*853/2011*]

Insert	depth, *812m,* enclosed by contour	45º 39'.8 S	95º 59'.7 E
	depth, *1782m,* enclosed by contour	47º 37'.5 S	99º 20'.0 E
	depth, *2126m*	49º 17'.5 S	108º 29'.0 E
	depth, *2094m,* and extend contour W to enclose	50º 11'.8 S	113º 55'.5 E
Substitute	depth, *2710m,* for depth, 3047m	37º 34'.0 S	116º 00'.0 E
Delete	depth, 1633m, and enclosing contour	49º 39'.0 S	108º 38'.0 E

Aus 4074 (INT 74) [*361/2011*]

Insert	depth, *812m,* enclosed by contour	45º 39'.8 S	95º 59'.7 E
	depth, *1782m,* enclosed by contour	47º 37'.5 S	99º 20'.0 E
	depth, *2126m*	49º 17'.5 S	108º 29'.0 E
	depth, *2094m,* and extend contour W to enclose	50º 11'.8 S	113º 55'.5 E
Delete	depth, 1633m, and enclosing contour	49º 39'.0 S	108º 38'.0 E

Aus 4709 (INT 709) [*355/2011*]

Insert	depth, *2710m,* and extend contour E to enclose	37º 34'.5 S	116º 01'.0 E
Delete	depth, 3047m	37º 34'.0 S	115º 58'.0 E

Aus 4710 (INT 710) [*NE 20/8/2004*]

Insert	depth, *812m,* enclosed by contour	45º 39'.8 S	95º 59'.7 E
	depth, *1782m,* enclosed by contour	47º 37'.5 S	99º 20'.7 E
	depth, *1911m,* enclosed by contour	47º 53'.3 S	99º 09'.0 E
	depth, *2126m*	49º 17'.5 S	108º 29'.0 E
	depth, *2710m,* and extend contour E to enclose	37º 34'.5 S	116º 01'.0 E
Delete	depth, 2573m	45º 40'.0 S	95º 56'.0 E
	depth, 1633m, and enclosing contour	49º 39'.0 S	108º 38'.0 E
	depth, 2560m	49º 18'.0 S	108º 58'.0 E
	depth, 3047m	37º 34'.0 S	115º 58'.0 E

Aus4726 (INT 726) [*999/2010*]

Insert	depth, *2710m,* and extend contour E to enclose	37º 34'.5 S	116º 01'.0 E
Delete	depth, 3047m	37º 34'.0 S	115º 58'.0 E

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1193* AUSTRALIA - WESTERN AUSTRALIA - Esperance - Light beacons
Former Notice - 338(T)/2010 is cancelled
Esperance Ports Sea and Land Notice 4/2011 (AA565545, AA565546, AA566217, AA566218)

Aus 119 [*965/2011*]

Insert	starboard lateral light beacon, *Fl.G.3s,* with topmark	33º 51'.81 S	121º 54'.54 E
Delete	light beacon	33º 51'.9 S	121º 54'.3 E

Aus 119 (plan, Esperance)

Insert	starboard lateral light beacon, *Fl.G.3s 7m 5M No1,* with topmark	33º 51'.809 S	121º 54'.536 E
	port lateral light beacon, *Fl.R.3s 7m 5M No2,* with topmark	33º 51'.910 S	121º 54'.602 E
	starboard lateral light beacon, *Fl.G.3s 7m 5M No3,* with topmark	33º 51'.938 S	121º 54'.231 E
	port lateral light beacon, *Fl.R.3s 7m 5M No4,* with topmark	33º 52'.042 S	121º 54'.296 E
	port lateral light beacon, *Q.R.7m 4M No6,* with topmark	33º 52'.058 S	121º 54'.267 E
Delete	depth, 17_4m	33º 51'.79 S	121º 54'.54 E
	light beacon	33º 51'.87 S	121º 54'.39 E
	light beacon	33º 51'.98 S	121º 54'.45 E
	light beacon	33º 51'.95 S	121º 54'.20 E
	light beacon	33º 52'.05 S	121º 54'.26 E

1194* AUSTRALIA - SOUTH AUSTRALIA - Germein Point - Obstruction
Australian Hydrographic Service (AA564349)

Aus 777 [*1134/2011*]

Delete	danger circle with legend, Obstn	33º 46'.0 S	136º 57'.8 E

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1195* AUSTRALIA - TASMANIA - River Derwent - Kangaroo Bluff to Howrah Point - Beacons
Marine and Safety Tasmania Notice M137/2011 (AA565527)

Aus 171 [*100/2011*]

Delete	beacon	42º 52'.93 S	147º 21'.99 E
	beacon	42º 52'.95 S	147º 22'.07 E
	beacon	42º 52'.67 S	147º 22'.53 E
	beacon	42º 52'.72 S	147º 22'.51 E
	beacon	42º 53'.27 S	147º 24'.31 E
	beacon with legend, 2 Bns	42º 52'.89 S	147º 23'.85 E
	beacon	42º 53'.26 S	147º 24'.25 E
	dashed line, between	42º 52'.89 S	147º 23'.85 E
		42º 53'.24 S	147º 23'.78 E
	dashed line, between	42º 52'.72 S	147º 22'.51 E
		42º 53'.00 S	147º 22'.42 E
	dashed line with legend, Measured Distance 1853m, between	42º 52'.95 S	147º 22'.07 E
		42º 53'.26 S	147º 24'.25 E

Aus 172 [*1076/2011*]

Delete	beacon	42º 52'.95 S	147º 22'.06 E
	beacon	42º 52'.95 S	147º 22'.07 E
	beacon	42º 52'.67 S	147º 22'.53 E
	beacon	42º 52'.72 S	147º 22'.51 E
	dashed line, between	42º 52'.67 S	147º 22'.53 E
		42º 53'.03 S	147º 22'.44 E
	dashed line with legend, Measured Distance 1853m, between	42º 52'.95 S	147º 22'.07 E
		42º 53'.04 S	147º 22'.68 E

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1196(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information
Former Notice - 1140(T)/2011 is cancelled
Newcastle Port Corporation (AA566560)
Available depths as at 9 November 2011:

Berth	*Metres*
Western Basin 3	11.6
Western Basin 4	11.6
* Eastern Basin 1	11.3
Eastern Basin 2 North of Ch 450	11.6
Eastern Basin 2 South of Ch 450	11.0
Channel Berth	8.3
Dyke 1	12.5
Dyke 2	12.8
Dyke 4	16.3
Dyke 5	16.3
Dyke 6	6.3
* Mayfield 4 Ch 27 to 266	12.2
BHP Wharf 6 to Ch 1050	7.9
Kooragang 2	11.4
Kooragang 2 North Dolphin Ch 182 to 228	11.1
Kooragang 2 South Dolphin Ch -92 to 00	10.9
Kooragang 3	13.0
Kooragang 4	16.4
Kooragang 5	16.5
Kooragang 6	16.5
Kooragang 8	16.5
Kooragang 9	16.5
Kooragang Ship Receival KSR	7.5
Throsby 1	8.4
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)	16.2
Entrance Channel to Horseshoe	15.2
Horseshoe	15.0
Steelworks Channel to Swinging Basin	15.0
Swinging Basin	15.0
Hunter River South Arm (Kooragang 6 to Kooragang 9)	15.2
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

1197(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Hunter River - Dredging operations
Date - Until 31 August 2012
Aurecon Hatch (AA567790, AA567982)

The dredge *Machiavellie* is conducting dredging operations in the area south of line 32° 52'.78 S 151° 44'.41 E to 32° 52'.63 S 151° 44'.40 E and north of line 32° 53'.37 S 151° 45'.66 E to 32° 53'.18 S 151° 45'.77 E.

A 30m exclusion zone exists around all vessels and equipment involved in the operations.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 207 - Aus 208

I

1198(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information
Former Notice - 1144(T)/2011 is cancelled
Brisbane Port Corporation (AA567979)

Available depths and under keel clearances (UKC) at 17 November 2011:

Berth	*Metres*	*Remarks*
* Fisherman Islands No10	13.8	
Fisherman Islands No9	14.0	
Fisherman Islands No8	14.0	
* Fisherman Islands No7	14.0	
* Fisherman Islands No6	14.1	
Fisherman Islands No5	14.0	
* Fisherman Islands No4	13.9	
Fisherman Islands No3	14.0	
Fisherman Islands No2	14.2	
* Fisherman Islands No1	14.0	
* Fisherman Islands Grain and Woodchip	13.2	
Caltex Fisherman Islands	14.5	
Fisherman Islands Coal	14.1	
* Fisherman Islands General Purpose	11.4	
* BP Luggage Point	13.9	
Caltex Products	9.8	
Cement Australia Co Wharf	9.8	
BP Products	10.9	
Shell	10.9	
Pacific Terminals	10.8	
Incitec North	10.0	
* Incitec South	10.5	
* Pinkenba 1	10.5	
* Pinkenba 2	10.5	
Riverside Marina	-	
Sugar Terminal	9.7	
Cairncross Fitting Out Wharf	8.0	
Cairncross Breasting Wharf	6.5	
Brisbane Naval Wharf	-	
Maritime No3	5.6	(not maintained)
* Maritime No2	8.5	
* Maritime No1	8.9	
Hamilton No4	10.3	
* Hamilton No1	9.0	
* Brisbane Cruise Ship Terminal	9.1	

	Metres	*UKC/Remarks*
Moreton Bay:		
North East Channel	5.5	1.5
North West Channel	14.9	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	14.0	1.46
Fisherman Islands Swing Basin	14.0	1.3
Pelican Banks Reach to Hamilton Reach	9.0	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.0	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.0	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	8.8	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

I

1199(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Shafston Reach to Bulimba Reach - Harbour works
Date - Until 23 December 2011
Maritime Safety Queensland Notice 1082(T)/2011 (AA565897)

Refurbishment works are in progress and will be progressively conducted in the following positions:
27° 28'.48 S 153° 02'.39 E
27° 27'.69 S 153° 03'.07 E
27° 28'.41 S 153° 03'.26 E.

The location of the piling barge will be promulgated on VHF Ch 13 by Brisbane Harbour.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 238

1200(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Shoaling removed
Former Notice - 965(T)/2010 is cancelled
Maritime Safety Queensland (AA567701)

Cancel this notice on receipt.

Chart formerly affected - Aus 238

1201(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer
Date - Until 15 January 2012
Maritime Safety Queensland Notice 1139(T)/2011 (AA568104)

Ship to ship transfer of LPG will be conducted at STS1 anchorage (27° 17'.25 S 153° 16'.56 E). An exclusion zone (1850 metres radius) exists around transfer operations.

Chart temporarily affected - Aus 236

1202(T)/2011 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling removed
Former Notice - 1025(T)/2011 is cancelled
Maritime Safety Queensland Notice 1140(T)/2011 (AA568107)

Cancel this notice on receipt.

Chart formerly affected - Aus 235

I

1203(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Depth information
Former Notice - 1085(T)/2011 is cancelled
Maritime Safety Queensland Notice 1100(T)/2011 (AA566568)

Available depths as at 8 November 2011:

		Metres
Sea Channels:		
	Wild Cattle Cutting	16.1
	Boyne Island Cutting	16.3
	Boyne Island Extension Channel	9.0
	Golding Cutting	16.1
	South Bypass Channel	7.4
	Gatcombe Channel	16.3
	Gatcombe Bypass Channel	13.4
	Inner Channels:	
*	Auckland Channel	15.8
	Auckland Bypass Channel	6.8
	Clinton Channel	16.0
	Clinton Bypass Channel	10.6
	Clinton Swing Basin	10.6
	Targinie Channel	10.6
	Targinie Swing Basin East	10.6
	Targinie Swing Basin West	9.0
Berths:		
	Boyne Smelter Wharf	15.0
	South Trees East Wharf	13.8
	South Trees West Wharf	13.0
	Barney Point Wharf (east approach)	13.5
	Barney Point Wharf (west approach)	11.5
	Barney Point Wharf	15.0
	Auckland Point No 1 Wharf	11.3
	Auckland Point No 2 Wharf	11.3
	Auckland Point No 3 Wharf	11.4
	Auckland Point No 4 Wharf	11.3
	Clinton No 1 Wharf	19.2
	Clinton No 2 Wharf	18.4
	Clinton No 3 Wharf	18.6
	Clinton No 4 Wharf	19.1
	Fishermans Landing Wharf No 1	13.6
	Fishermans Landing Wharf No 2	13.3
	Fishermans Landing Wharf No 4	11.4
	Fishermans Landing Wharf No 5	11.4

* Indicates new or revised entry.

Chart temporarily affected - Aus 244 - Aus 245 - Aus 246

1204(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Rich Rocks - Light buoy
Maritime Safety Queensland Notice 1078(T)/2011 (AA565735)

A special light buoy, *Fl.Y.4s,* exists in position 23° 49'.92 S 151° 16'.55 E.

Chart temporarily affected - Aus 244 - Aus 245

1205(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Hamilton Point - Light buoys
Maritime Safety Queensland Notice 1081(T)/2011 (AA565736)

Special light buoys, *Fl.Y.2·5s,* exist in positions 23° 48'.00 S 151° 13'.31 E and 23° 47'.72 S 151° 12'.88 E.

Chart temporarily affected - Aus 245

I

1206(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Pipelines
Former Notice - 1148(T)/2011 is cancelled
Date - Until 31 December 2012
Maritime Safety Queensland Notices 1115(T)/2011, 1132(T)/2011 (AA567581, AA567881)

Submarine pipelines, marked by unlit orange buoys and lit special buoys, exist between:
23° 46'.87 S 151° 10'.14 E
23° 46'.69 S 151° 10'.70 E
23° 46'.68 S 151° 11'.06 E
23° 46'.94 S 151° 11'.59 E
23° 47'.06 S 151° 11'.96 E
and
23° 47'.06 S 151° 11'.96 E
23° 46'.77 S 151° 11'.65 E
and
23° 46'.56 S 151° 10'.03 E
23° 46'.65 S 151° 10'.71 E
23° 46'.64 S 151° 10'.88 E
23° 46'.56 S 151° 11'.12 E
23° 46'.38 S 151° 11'.38 E
and
23° 46'.18 S 151° 09'.95 E
23° 45'.49 S 151° 10'.34 E
23° 45'.40 S 151° 10'.55 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245

1207(T)/2011 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing
Former Notice - 976(T)/2011 is cancelled
Date - Until 2 December 2011
Maritime Safety Queensland Notice 992(T)/2011 (AA561062)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 23 November to 1 December 2011.

A marine danger area extends to all internal waters bounded by the following positions:
22° 35'.87 S 150° 28'.80 E
22° 30'.73 S 150° 26'.34 E
22° 30'.20 S 150° 33'.89 E
22° 33'.13 S 150° 42'.40 E
22° 40'.00 S 150° 38'.00 E
22° 35'.87 S 150° 28'.80 E.

All waters, creeks, beaches and other areas within the declared marine danger area are not available for access.

Mariners are advised to keep clear of this area throughout the above times.

Chart temporarily affected - Aus 367 - Aus 820 - Aus 822 - AX 0367E - AX 0820E - AX 0822E

1208(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations
Date - Until 23 December 2011
Maritime Safety Queensland Notice 895(T)/2011 (AA557517)

Diving operations are in progress in the vicinity of the HPS berths (21° 15'.68 S 149° 18'.76 E).

MV *Investigator* is onsite and will display appropriate shapes and will monitor VHF Ch 14 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 249 - Aus 250

I

1209(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations
Former Notice - 1028(T)/2011 is cancelled
Date - Until 23 December 2011
Maritime Safety Queensland Notice 1127(T)/2011 (AA567837)

Diving operations are in progress in the vicinity of the DBCT berths (21° 14'.96 S 149° 18'.31 E).

MV *Shadows* is onsite and will display appropriate shapes and will monitor VHF Ch 14 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 249 - Aus 250

1210(T)/2011 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Obstructions
Maritime Safety Queensland Notice 1123(T)/2011 (AA567586)

Underwater obstructions, marked by special buoys, exist in the following positions:
20° 15'.87 S 148° 42'.60 E
20° 15'.88 S 148° 42'.60 E
20° 15'.87 S 148° 42'.56 E.

Chart temporarily affected - Aus 268

1211(T)/2011 AUSTRALIA - QUEENSLAND - Bowen - Obstruction
Maritime Safety Queensland Notice 1101(T)/2011 (AA566565)

An obstruction, least depth *0.2m,* exists in position 20° 01'.33 S 148° 15'.39 E.

Chart temporarily affected - Aus 268

1212(T)/2011 AUSTRALIA - QUEENSLAND - Abbot Point - Scientific instruments
Maritime Safety Queensland Notice 1120(T)/2011 (AA567591)

Special light buoys, *Fl.Y.4s,* exist in the following positions:
19° 55'.80 S 148° 07'.80 E
19° 52'.79 S 148° 05'.99 E
19° 50'.39 S 148° 02'.38 E
19° 53'.42 S 148° 01'.19 E
19° 49'.20 S 148° 00'.60 E
19° 52'.81 S 147° 58'.20 E.

Chart temporarily affected - Aus 255 - Aus 826

I

1213(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Depth information
Former Notice - 1092(T)/2011 is cancelled
Maritime Safety Queensland Notice 1089(T)/2011 (AA565906)

Available depths as at 4 November 2011:

	Metres	*Remarks*
Sea Channel	11.7	
* Platypus Channel	11.5	
Outer Harbour:		
Arrival Channel	7.0	
Departure Channel	10.8	
Inner Harbour:		
Harbour	11.5	
Berths:		
No 1	11.7	
No 2	11.6	
No 3	11.8	
No 4	10.2	
	9.0	Arrival to departure from from 0 mark
	9.5	Arrival to departure from from 5 mark
	10.1	Arrival to departure from from 10 mark
No 7	10.6	
Between No 7 and No 8	9.8	Seaward of 0 mark at No 7
No 8	9.3	
No 9	11.7	
Between No 9 and No 10	10.4	Seaward of 0 mark at No 10
No 10	9.3	From 10 mark to seaward dolphin
	8.9	From Ro-Ro ramp to 10 mark
No 11	11.4	
Ross River Channel	-	No declared depth
Ross River	-	No declared depth
Ross Creek	-	No declared depth

* Indicates revised entry.

Chart temporarily affected - Aus 256 - Aus 257

1214(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations; light buoys established
Former Notice - 1152(T)/2011 is cancelled
Date - Until 28 November 2011
Maritime Safety Queensland Notices 1043(T)/2011, 1090(T)/2011 (AA564684, AA565907)

The dredge *Brisbane* is conducting dredging operations in the Sea Channel (19° 10'.0 S 146° 52'.7 E), Platypus Channel (19° 13'.5 S 146° 50'.7 E), outer harbour (19° 14'.4 S 146° 50'.3 E) and inner harbour (19° 14'.9 S 146° 50'.0 E).

The special light buoys, *Fl.Y.4s,* have been repositioned as follows:

Charted position	*Current position*
19° 14'.58 S 146° 50'.39 E	19° 14'.63 S 146° 50'.38 E
19° 14'.60 S 146° 50'.35 E	19° 14'.60 S 146° 50'.42 E.

Further information can be obtained by contacting Townsville VTS on VHF Ch 12 and Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 256 - Aus 257

I

1215(T)/2011 AUSTRALIA - QUEENSLAND - Mourilyan - Light beacon re-established
Former Notice - 270(T)/2011 is cancelled
Maritime Safety Queensland (AA565793)

Cancel this notice on receipt.

Chart formerly affected - Aus 258 - Aus 829

1216(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations completed
Former Notice - 1038(T)/2011 is cancelled
Maritime Safety Queensland Notice 892(T)/2011 (AA557740)

Cancel this notice on receipt.

Chart formerly affected - Aus 263 - Aus 264

1217(P)/2011 AUSTRALIA - QUEENSLAND - Palm Isles to Torres Strait - Two-way route symbology
Date - On or about 16 December 2011
Australian Hydrographic Service (AA567145)

The two-way route symbology will be amended by chart reprint update on 2 and 16 December 2011. The symbol will be amended as per INT1 M-11. Charts affected are Aus 258, 262, 270, 281, 292, 299, 376, 377, 700, 828, 829, 830, 831, 832, 833, 835, 836, 837, and 840. This change is to align with other charts. There will also be a minor change to the two-way route note.

Chart which will be affected - Aus 258 - Aus 262 - Aus 270 - Aus 281 - Aus 292 - Aus 299 - Aus 376 - Aus 377 - Aus 700 – Aus 828 - Aus 829 - Aus 830 - Aus 831 - Aus 832 - Aus 833 - Aus 835 - Aus 836 - Aus 837 - Aus 840

1218(T)/2011 AUSTRALIA - TORRES STRAIT - Alert Patches to Goods Island - AIS trial
Date - Until 30 June 2012
Australian Maritime Safety Authority (AA567095)

AIS units have been attached to navaids as follows:

MMSI	*Position (WGS84 datum)*	*Remarks*
995031033	10° 28'.43 S 142° 22'.61 E	Alert Patches north cardinal light buoy
995031022	10° 30'.16 S 142° 21'.51 E	Herald Patches starboard lateral light buoy
995031023	10° 33'.91 S 142° 09'.13 E	Goods Island rear light.

Chart temporarily affected - Aus 292 - Aus 293 - Aus 296 - Aus 299 - Aus 376 - Aus 700

1219(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Darwin - Frances Bay - Wreck salvaged
Former Notice - 938(T)/2011 is cancelled
Darwin Port Corporation Notice 90/2011 (AA566996)

Cancel this notice on receipt.

Chart formerly affected - Aus 24 - Aus 26 - Aus 28 - AX 72026

1220(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Darwin - Hudson Creek - Light beacon re-established
Former Notice - 1163(T)/2011 is cancelled
Darwin Port Corporation Notice 91/2011 (AA567044)

Cancel this notice on receipt.

Chart formerly affected - Aus 26 - Aus 28 - AX 72026

I

1221(T)/2011 AUSTRALIA - TIMOR SEA - Sahul Banks to Joseph Bonaparte Gulf - Seismic survey
Former Notice - 1099(T)/2011 is cancelled
Date - Until 31 January 2012
Albers Group (AA559972, AA567338)

MV *Voyager Explorer* is conducting a survey in the areas bounded by the following positions:
Area 1
12° 46'.43 S 126° 03'.27 E
12° 47'.77 S 127° 20'.05 E
13° 21'.00 S 127° 20'.03 E
13° 21'.63 S 126° 36'.05 E
13° 11'.15 S 126° 17'.13 E
13° 03'.17 S 126° 05'.98 E
Area 2
13° 41'.18 S 127° 47'.93 E
13° 40'.63 S 128° 23'.40 E
13° 49'.57 S 128° 31'.38 E
14° 29'.30 S 128° 38'.40 E
14° 29'.90 S 128° 05'.57 E
13° 47'.13 S 127° 24'.50 E
Area 3
10° 55'.69 S 125° 49'.04 E
11° 01'.37 S 126° 08'.82 E
11° 21'.55 S 126° 04'.40 E
11° 15'.34 S 125° 40'.64 E.
Area 4
12° 04'.86 S 125° 19'.74 E
11° 39'.82 S 126° 11'.16 E
12° 18'.70 S 126° 47'.08 E
12° 29'.13 S 126° 35'.71 E
12° 28'.40 S 126° 22'.76 E
12° 22'.10 S 126° 08'.80 E
12° 33'.72 S 125° 44'.63 E
12° 10'.94 S 125° 20'.44 E.

Chart temporarily affected - Aus 312 - Aus 314 - Aus 315 - Aus 318 - Aus 319 - Aus 726 - Aus 727 - Aus 728 - Aus 4721 (INT 721) - Aus 4722 (INT 722) - AX 0312F - AX 0314F - AX 0315F - AX 0319F - AX 4721F - AX 4722F

1222(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Seismic survey northwards
Date - Until 31 January 2012
Chevron Australia Pty Ltd (AA567493)

MV *Ramform Explorer,* towing ten 6000m cables, and support vessel MV *Nautika Pride* and MV *No Limit* are conducting a survey in an area bounded by the following positions:
20° 00'.49 S 115° 12'.76 E
19° 39'.04 S 115° 12'.74 E
19° 37'.10 S 115° 16'.37 E
19° 37'.14 S 115° 22'.11 E
19° 39'.87 S 115° 26'.92 E
19° 58'.50 S 115° 26'.99 E
20° 03'.42 S 115° 17'.78 E.

Chart temporarily affected - Aus 327 - Aus 328 - Aus 4723 (INT 723) - AX 4723F

I

1223(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Mooring buoys
Former Notice - 1166(T)/2011 is cancelled
Date - Until 29 February 2012
Auscoast Warnings 268/2011, 286/2011 (AA564674, AA566986, AA567015), Hess Exploration Australia Pty Ltd (AA565581)

Four lit mooring buoys, *Q,* exist within a 2M radius of positions 20° 04'.57 S 113° 49'.55 E and 20° 28'.7 S 114° 03'.5 E.

Chart temporarily affected - Aus 328 - Aus 329

1224(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island - Scientific instruments
Former Notice - 1167(T)/2011 is cancelled
Date - Until 30 November 2012
MetOcean Engineers (AA566988)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s,* exist in the following positions:
21° 03'.65 S 115° 08'.26 E
21° 18'.98 S 115° 13'.73 E
21° 28'.41 S 115° 08'.41 E
21° 28'.43 S 115° 08'.51 E
21° 31'.75 S 115° 01'.82 E
21° 35'.00 S 115° 01'.28 E
21° 39'.29 S 115° 00'.09 E.

Chart temporarily affected - Aus 64 - Aus 328 - Aus 743

1225(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Scientific instrument
Former Notice - 1096(T)/2010 is cancelled
Department of Transport WA (AA567835)

Cancel this notice on receipt.

Chart formerly affected - Aus 117 - Aus 754 - Aus 755 - AX 0754E - AX 0755E - AX 66002 - AX 70117

1226(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Seismic survey
Former Notice - 1170(T)/2011 is cancelled
Date - Until 10 May 2012
NT Shipping Agencies (AA565932)

MV *Ramform Sterling,* and support vessels, *Ocean Dynasty* and *Unlimited,* are conducting a survey in the area bounded by the following positions:
33° 34'.25 S 129° 23'.50 E
33° 34'.25 S 130° 45'.00 E
34° 29'.50 S 131° 52'.00 E
35° 30'.00 S 131° 52'.00 E
35° 30'.00 S 129° 23'.50 E.

Chart temporarily affected - Aus 4727 (INT 727)

1227(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Great Australian Bight - Ceduna Terrace - Scientific instruments
Date - Until 30 November 2012
MetOcean Engineers (AA566988)

Subsurface scientific instruments exist in the following positions:
33° 21'.55 S 130° 40'.55 E
33° 21'.95 S 130° 39'.26 E
34° 28'.50 S 130° 42'.08 E
34° 51'.10 S 133° 25'.10 E
31° 53'.68 S 130° 38'.99 E.

Chart temporarily affected - Aus 4727 (INT 727)

I

1228(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Whyalla - Light restored
Former Notice - 1412(T)/2010 is cancelled
Department for Transport, Energy and Infrastructure SA Notice 41/2011 (AA566573)

Cancel this notice on receipt.

Chart formerly affected - Aus 136

1229(T)/2011 AUSTRALIA - TASMANIA - Frederick Henry Bay - Scientific instruments
Date - Until 20 March 2012
Marine and Safety Tasmania Notice M141/2011 (AA567987)

Scientific instruments marked by special conical light buoys exist as follows:

Position	*Characteristic*
42° 56'.2 S 147° 37'.2 E	*Iso.4s*
42° 58'.2 S 147° 34'.0 E	*Oc.3s.*

Chart temporarily affected - Aus 171 - Aus 796

1230(T)/2011 AUSTRALIA - TASMANIA - Burnie - Dredging operations completed
Former Notice - 1053(T)/2011 is cancelled
Marine and Safety Tasmania Notice M128/2011 (AA559328)

Cancel this notice on receipt.

Chart formerly affected - Aus 163

HYDROGRAPHIC REPORTS

Locality	*Report*	*Ship/Authority*	*Observer*
SA – Kangaroo Island	Coastline		B Vass

NAVIGATION WARNINGS

The following radio messages have been received during the period to 18 November 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

273 Drill rig *Ensco 104* in position 20º 48'·38 S 115º 39'·45 E. 2·5M clearance requested.
274 Cancelled.
275 Cancelled.
276 Cancelled.
277 Cancelled.
278 Drill rig *Ocean America* in position 21º 20'·10 S 113º 36'·50 E. 2·5M clearance requested.
279 Cancelled.
280 Drill rig *Atwood Osprey* in position 20º 24'·51 S 114º 50'·98 E. 2·5M clearance requested.
281 Hammond Hill light K3267.5 in position 10º 31'·74 S 142º 13'·39 E permanently discontinued.
282 Alert Patches north cardinal light buoy established in position 10º 28'·43 S 142º 22'·61 E, range 5M.
283 Cancelled.
284 Cancelled.
285 Cancelled.
286 Four lit mooring buoys, *Q*, within 2M radius of position 20º 28'·7 S 114º 03'·5 E.
287 Drill rig *Ocean Patriot* in position 12º 06'·23 S 125º 02'·50 E. 2·5M clearance requested.
288 Varzin Passage light buoy K3272.1 established in position 10º 32'·16 S 141º 51'·95 E.
289 Varzin Passage buoy established in position 10º 32'·40 S 141º 52'·16 E.
290 AIS aid to navigation MMSI 995031033 established at Alert Patches north cardinal light buoy 10º 28'·43 S 142º 22'·61 E.

NAVAREA X WARNINGS

021 Cancelled.
022 Cancelled.
023 The International Hydrographic Organisations World-Wide Navigational Warning Service (WWNWS) is conducting a survey concerning the quality of MSI broadcast via safetynet and navtex, to identify measures to improve service. A short questionnaire is available until 31 December 2011 at: http://www.tfaforms.com/222229. A similar survey conducted by the World Meteorological Organisation in respects to the World-Wide Meteorological Information and Warning Service is available at: www.jcomm.info/mmms.
Your participation would be greatly appreciated.

Navigational warnings in force as at 180001UTC NOV 11.

Auscoast
2011 206 228 243 246 258 259 262 264 267 268 270 272 273 278 280 281 282 286 287 288 289 290

Navarea X
2011 018 023

Summary of mobile drilling rigs as at 180001UTC NOV 11.

Name	*Position*
Ocean Patriot	12º 06'·23 S 125º 02'·50 E
Transocean Legend	20º 31'·70 S 116º 40'·60 E
Ensco 104	20º 48'·38 S 115º 39'·45 E
Atwood Osprey	20º 24'·51 S 114º 50'·98 E
Ocean America	21º 20'·10 S 113º 36'·50 E
Atwood Eagle	20º 23'·23 S 111º 49'·84 E
Maersk Discoverer	19º 54'·75 S 111º 36'·90 E

NAVAREA XIV WARNINGS

110 Cancelled.

111 South Pacific Ocean, Iles Wallis. Underwater operations and seismic survey by vessel RV *L'atalante* 4 Nov to 15 Dec 2011, in an area bounded by:
13º 00'·0 S 175º 00'·0 W
16º 00'·0 S 175º 00'·0 W
16º 00'·0 S 180º 00'·0 E
13º 00'·0 S 180º 00'·0 E.
Wide berth requested.

112 Cancelled.

113 Cancelled.

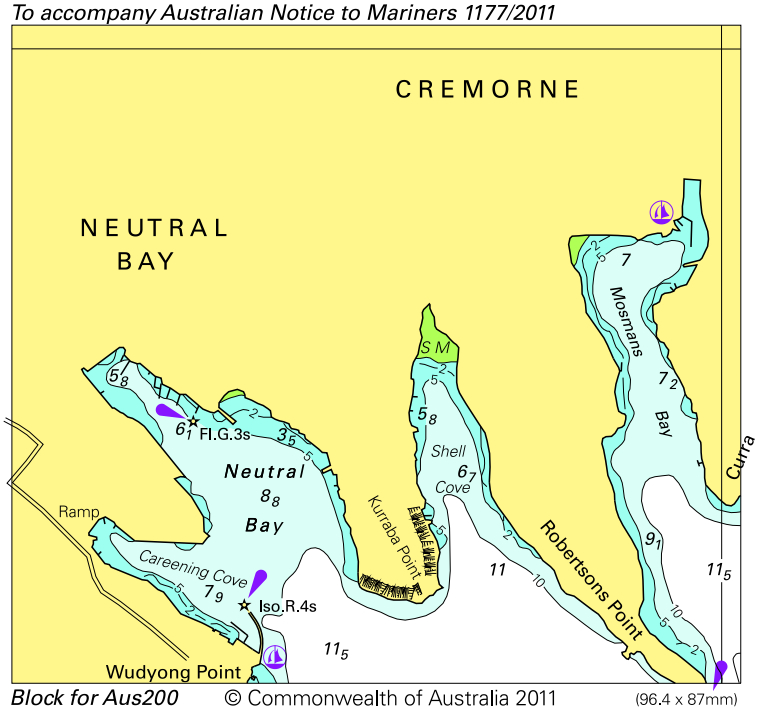
114 Cancelled.

115 The International Hydrographic Organisations World-Wide Navigational Warning Service (WWNWS) is conducting a survey concerning the quality of MSI broadcast via safetynet and navtex, to identify measures to improve service. A short questionnaire is available until 31 December 2011 at: http://www.tfaforms.com/222229. A similar survey conducted by the World Meteorological Organisation in respects to the World-Wide Meteorological Information and Warning Service is available at: www.jcomm.info/mmms.
Your participation would be greatly appreciated.

Navarea XIV warnings in force as at 180001UTC NOV 11.

2011 096 111 115

To accompany Australian Notice to Mariners 1177/2011

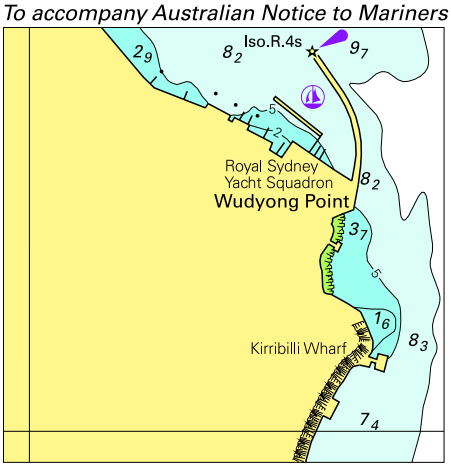


Block for Aus200

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(96.4 x 87mm)

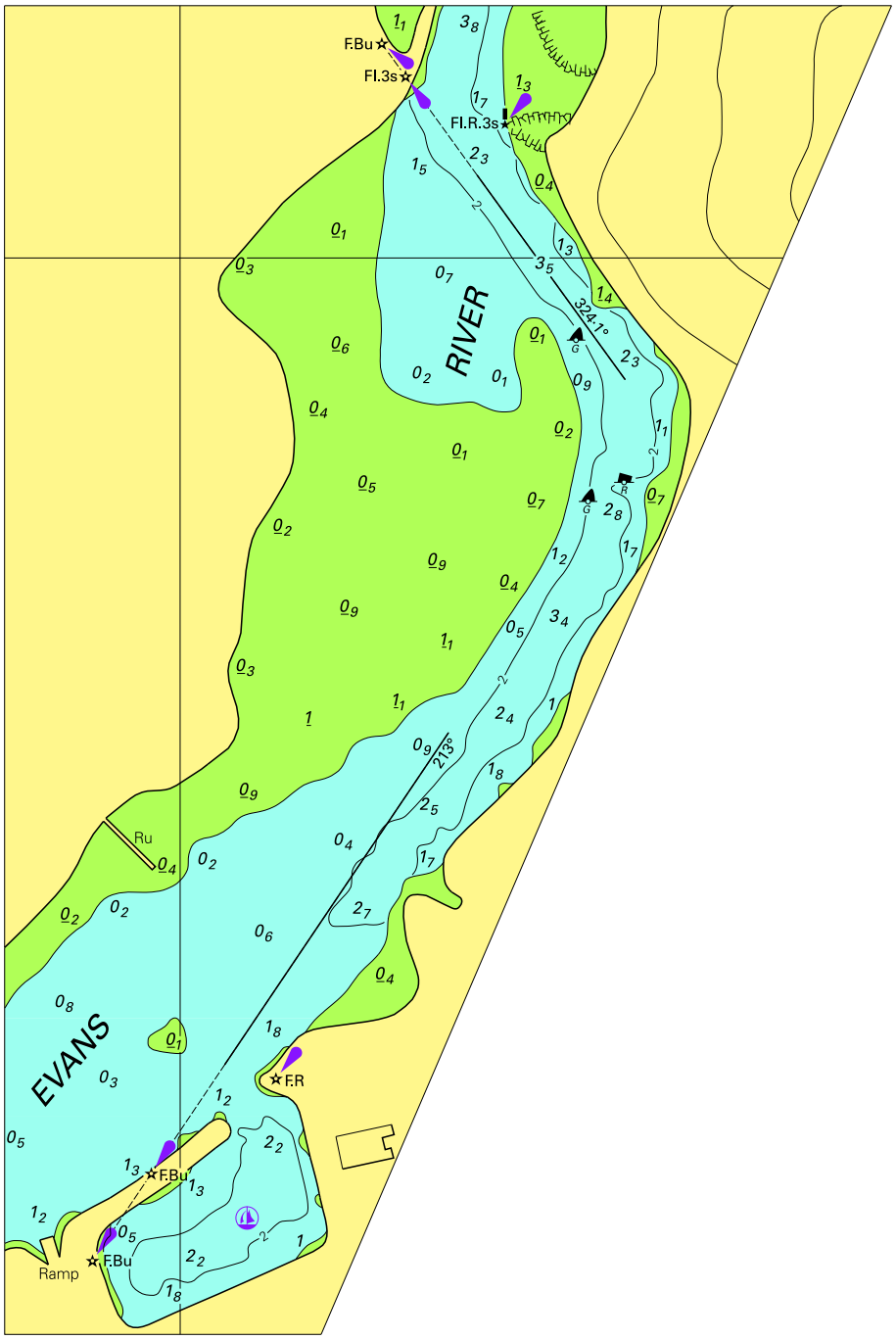
To accompany Australian Notice to Mariners 1177/2011



Block for Aus202 © Commonwealth of Australia 2011

(58.27 x 57.51mm)

To accompany Australian Notice to Mariners 1179/2011

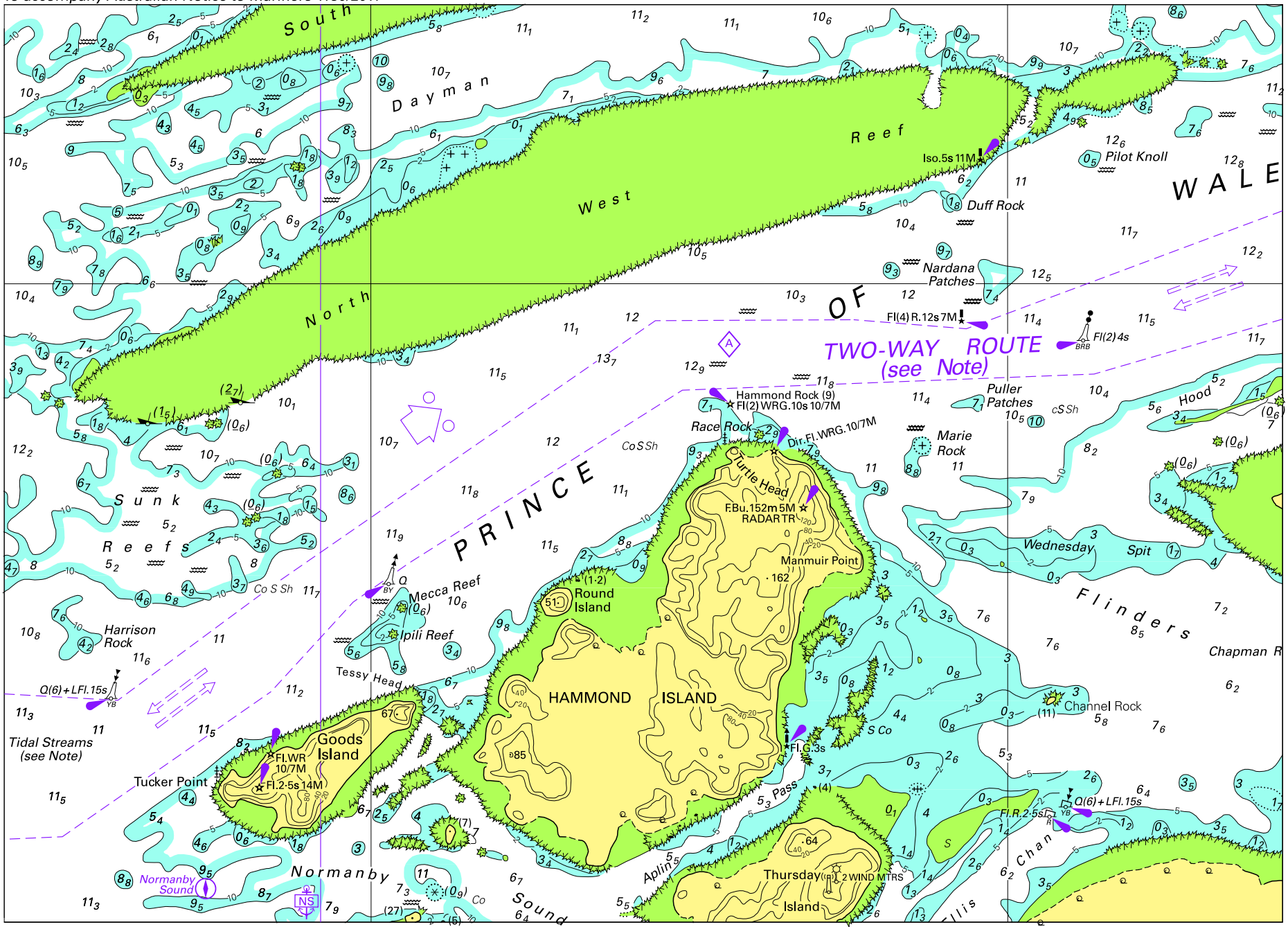


Block for Aus220

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(179.4 x 119.8mm)

To accompany Australian Notice to Mariners 1180/2011

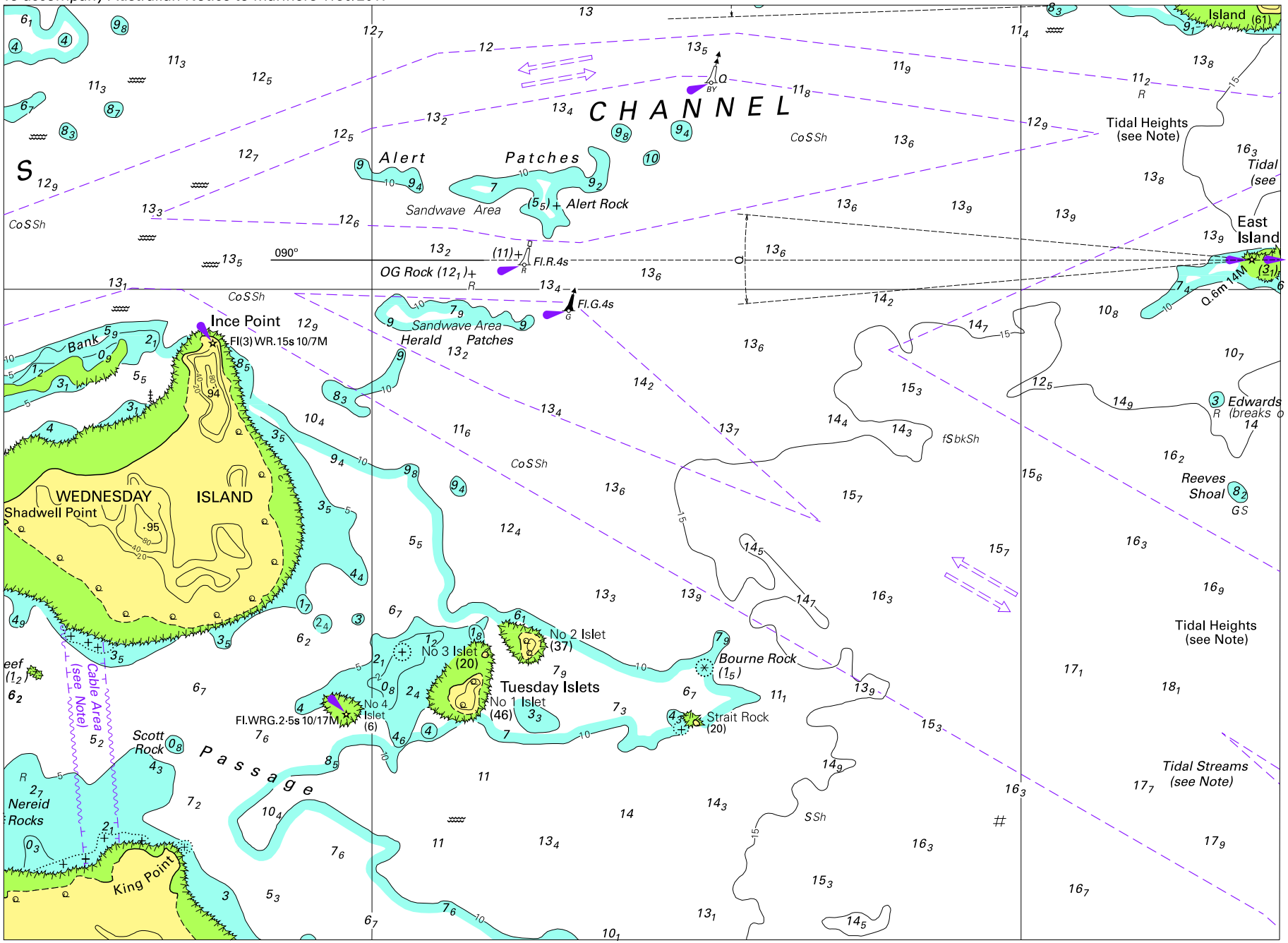


Block A for chart Aus 292

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(244.1 x 175.5mm)

To accompany Australian Notice to Mariners 1180/2011

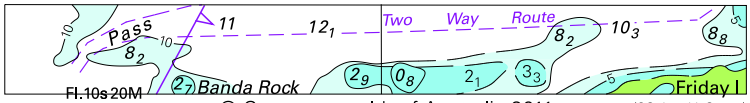


Block B for chart Aus 292

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(239.2 x 175.1mm)

To accompany Australian Notice to Mariners 1180/2011

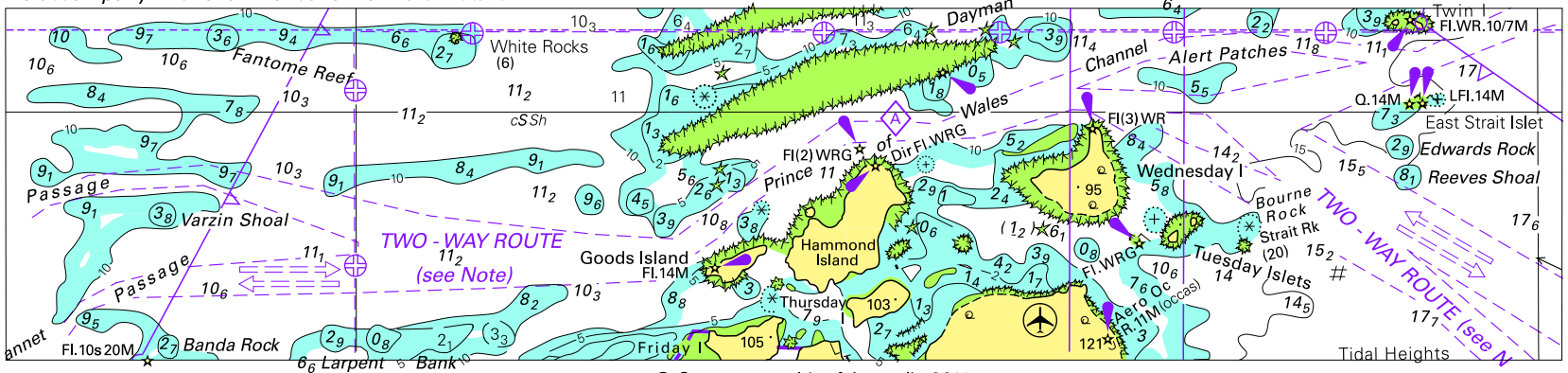


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(98·1 x 11·8mm)

Block for chart Aus 301

To accompany Australian Notice to Mariners 1180/2011

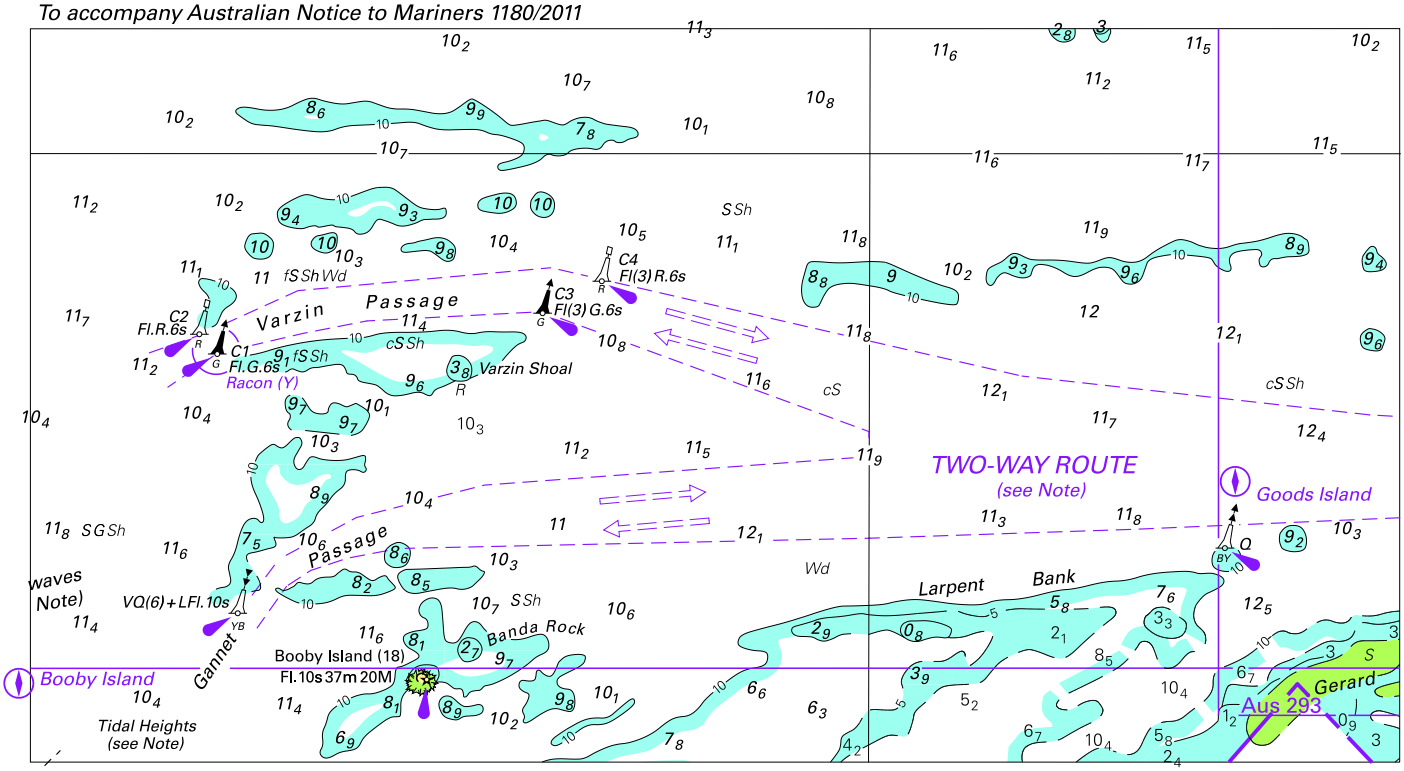


Block for chart Aus 376

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(217·7 x 49·1mm)

To accompany Australian Notice to Mariners 1180/2011

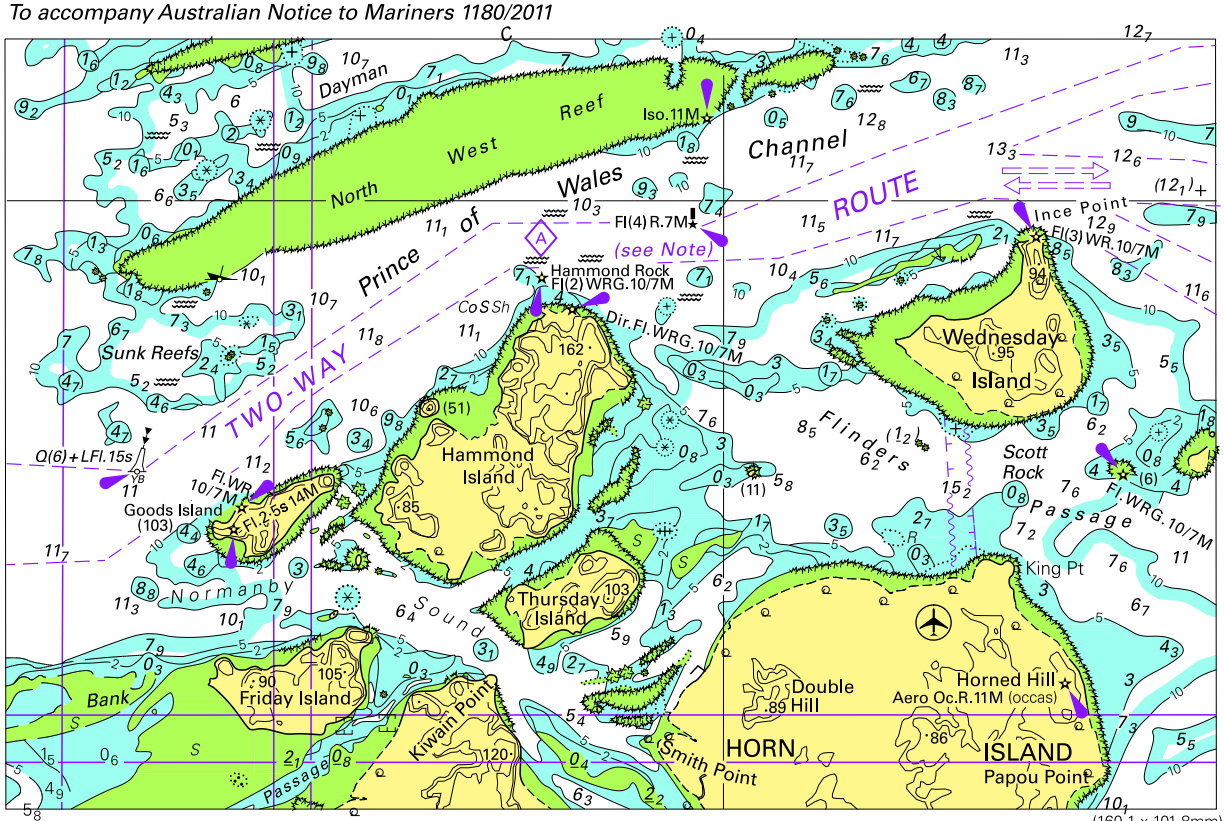


Block A for chart Aus 700

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(181·1 x 97·0mm)

To accompany Australian Notice to Mariners 1180/2011

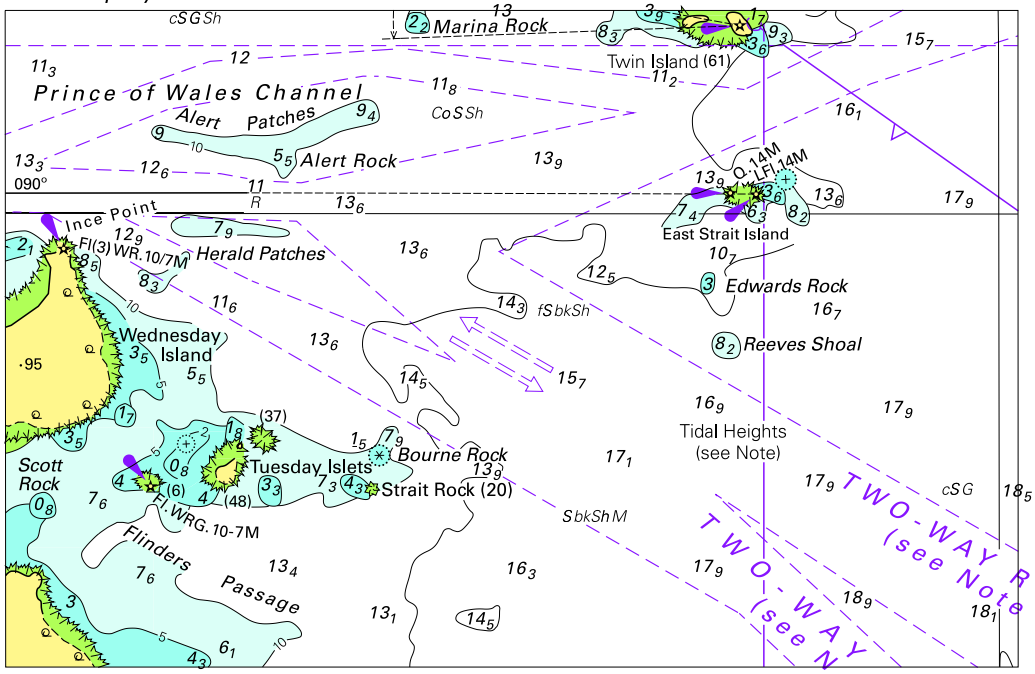


Block B for chart Aus 700

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(160·1 x 101·8mm)

To accompany Australian Notice to Mariners 1180/2011

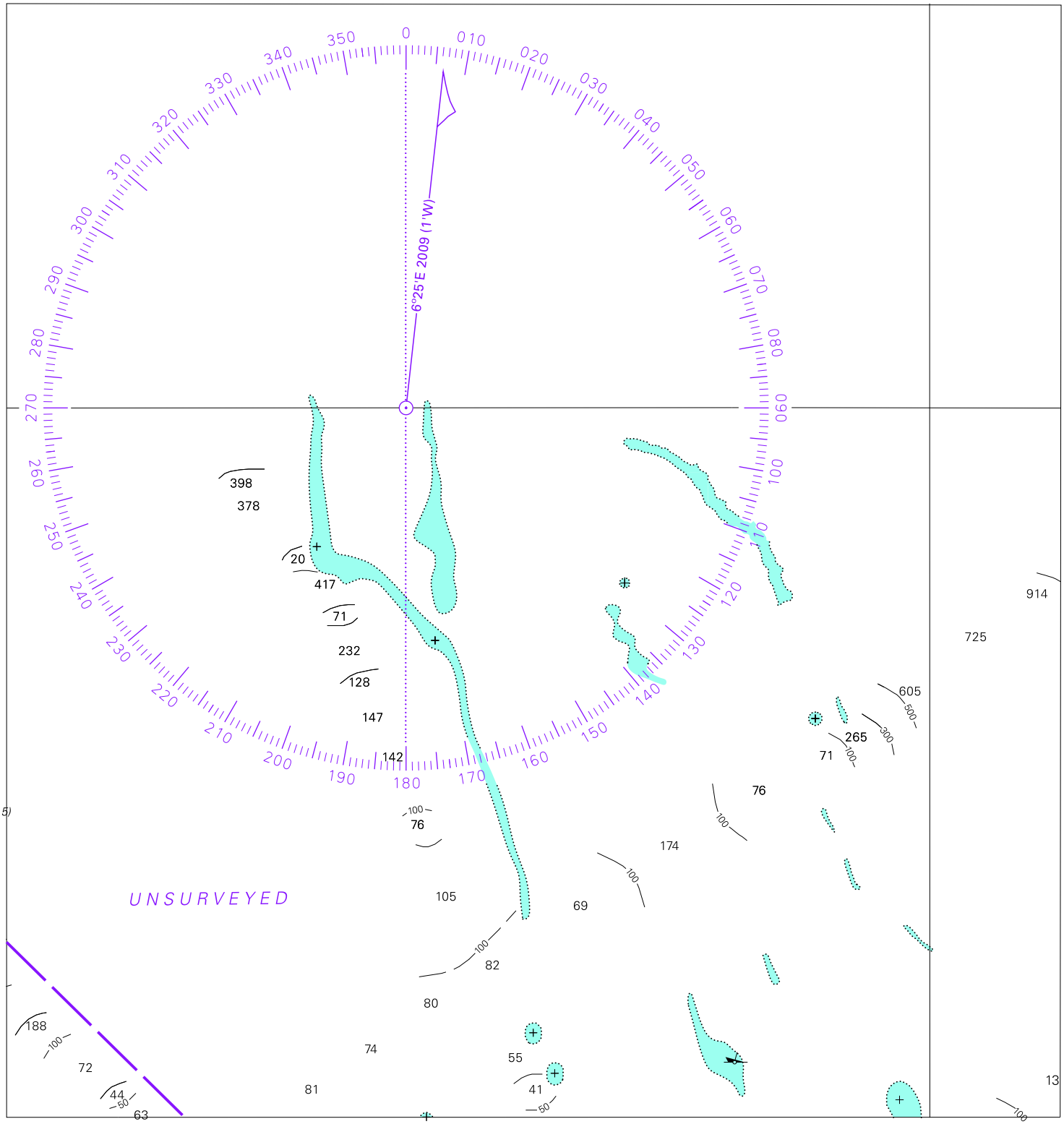


Block for chart Aus 839

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(133·9 x 86·8mm)

To accompany Australian Notice to Mariners 1181/2011

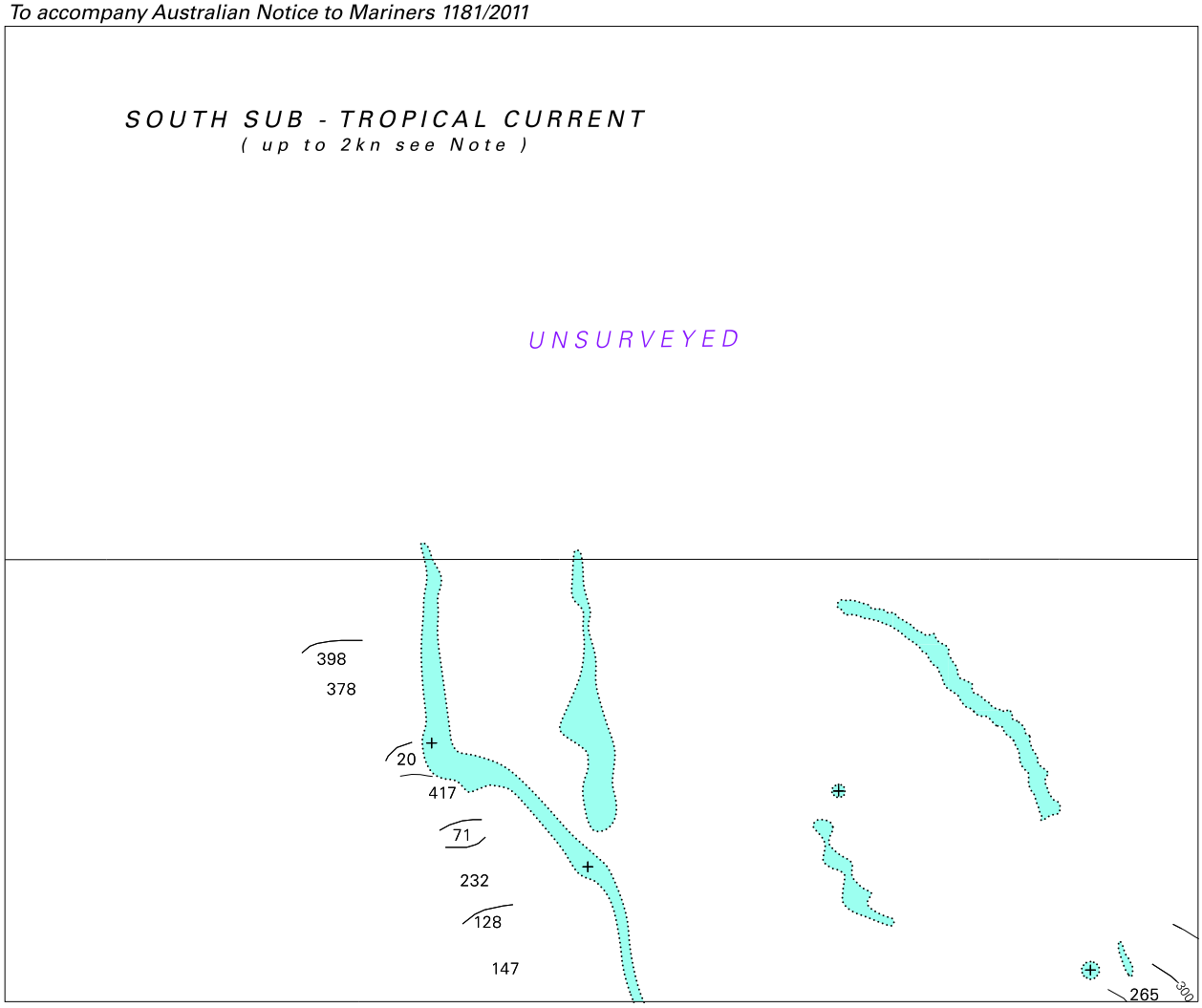


Block for Aus 521

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(192.8 x 203.8mm)

To accompany Australian Notice to Mariners 1181/2011



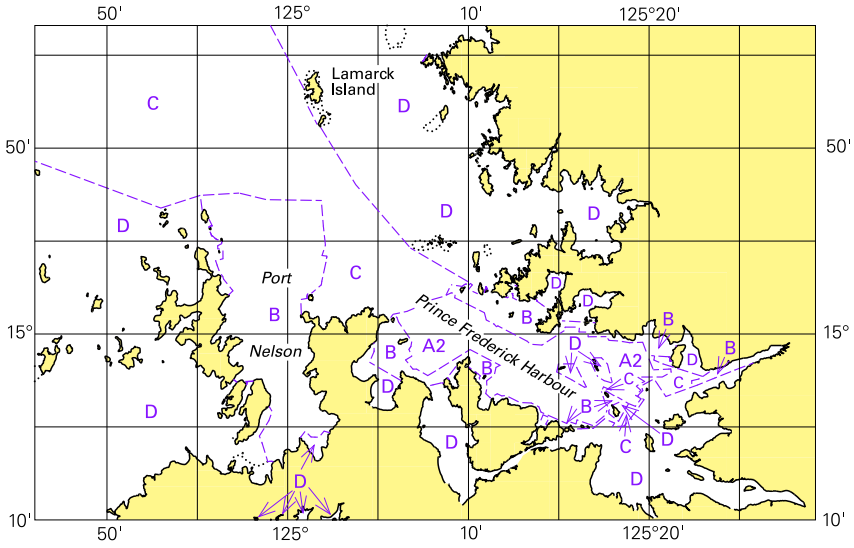
Block for Aus 522

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(165·2 x 135·0mm)

To accompany Australian Notice to Mariners 1186/2011

Zone of Confidence (ZOC) Diagram



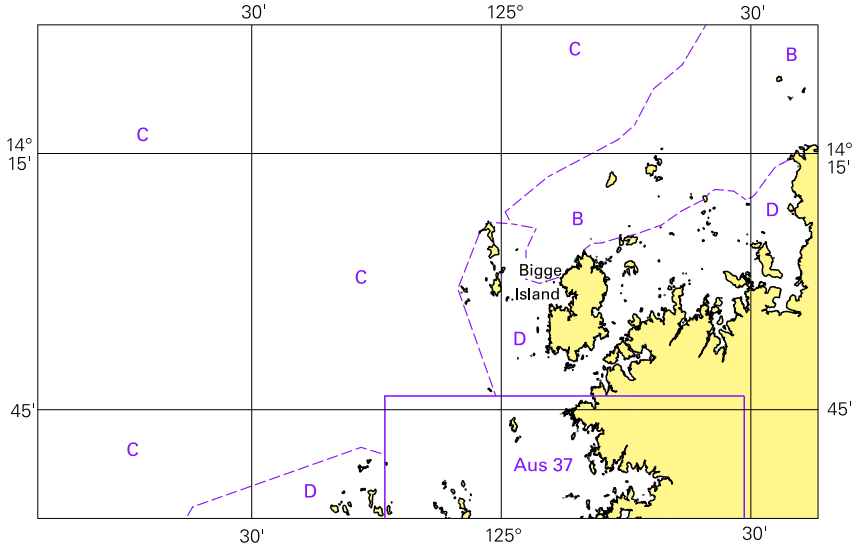
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Block for chart Aus 37

(103·2 x 65·4mm)

To accompany Australian Notice to Mariners 1186/2011

Zone of Confidence (ZOC) Diagram

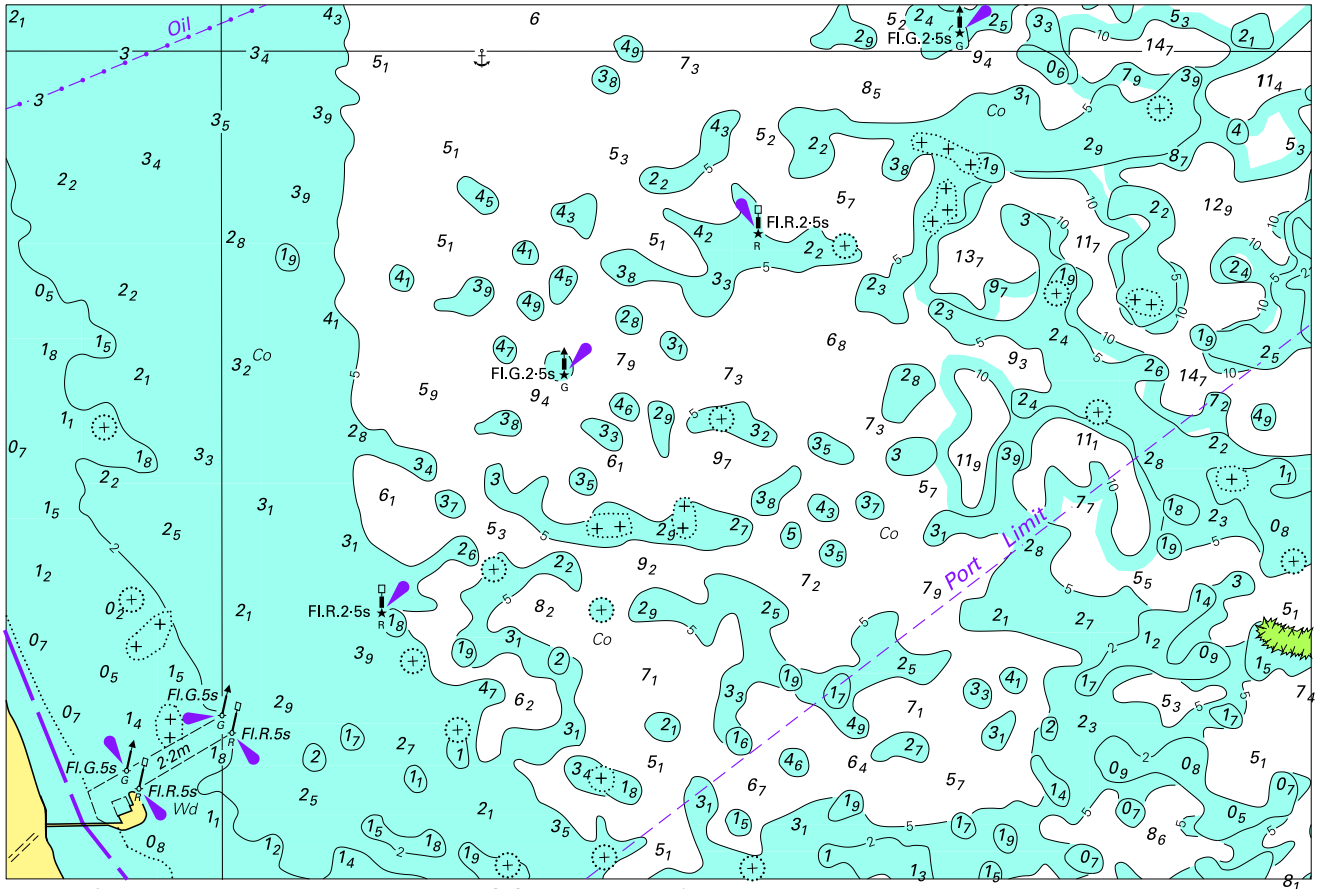


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Block for chart Aus 729

(103·2 x 65·3mm)

To accompany Australian Notice to Mariners 1187/2011

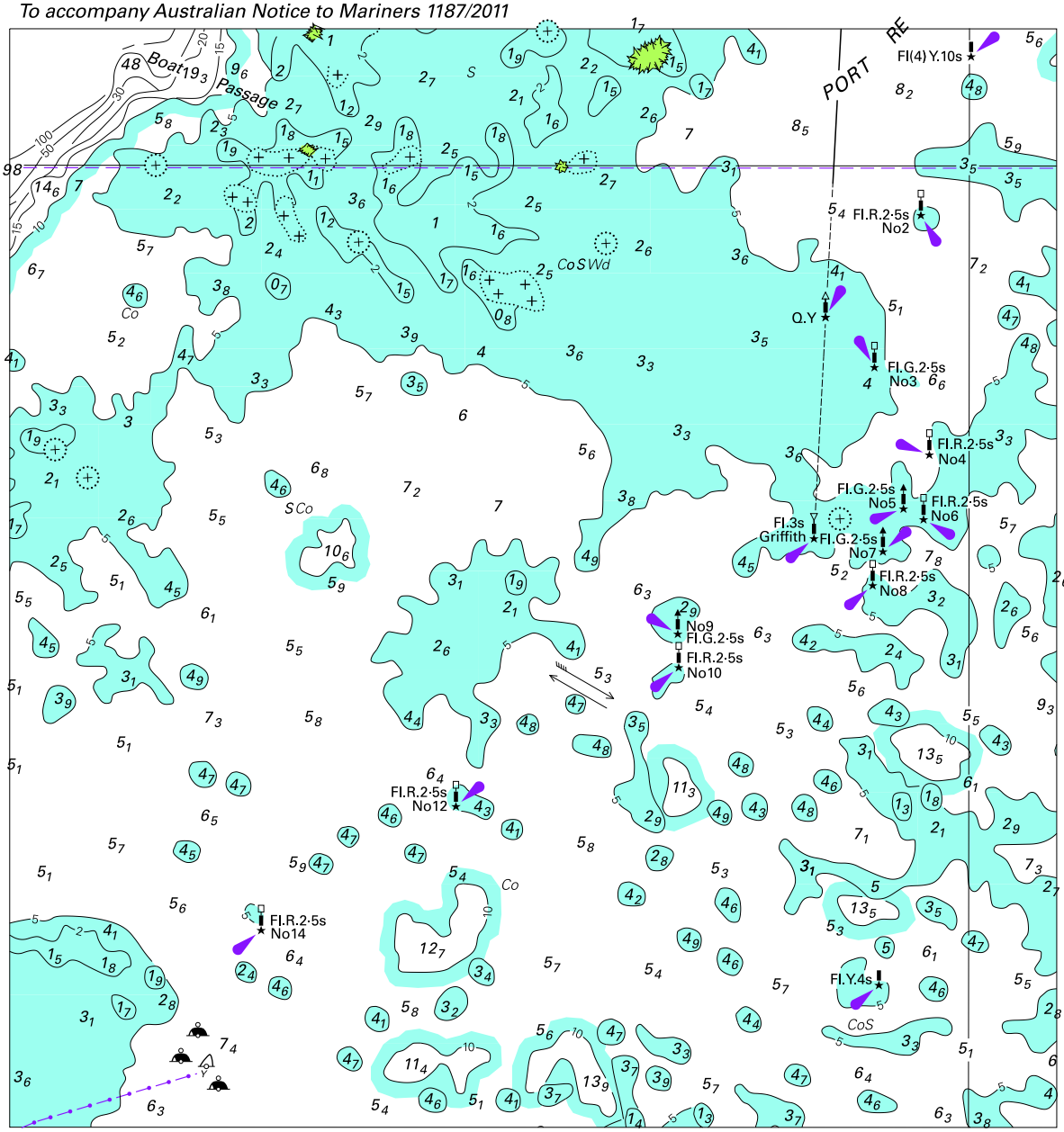


Block A for chart Aus 607

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(172·6 x 115·6mm)

To accompany Australian Notice to Mariners 1187/2011

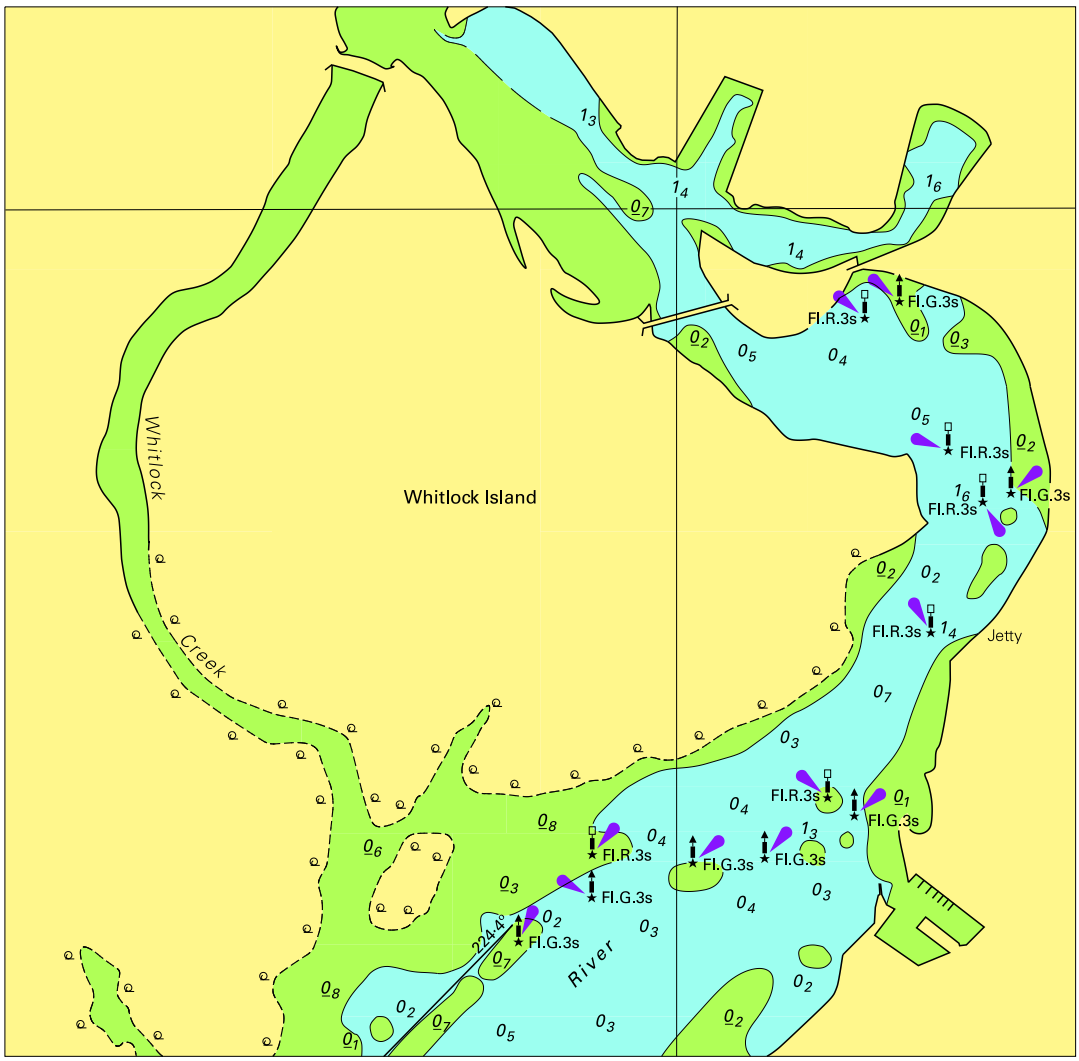


Block B for chart Aus 607

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(153·8 x 161·4mm)

To accompany Australian Notice to Mariners 1191/2011

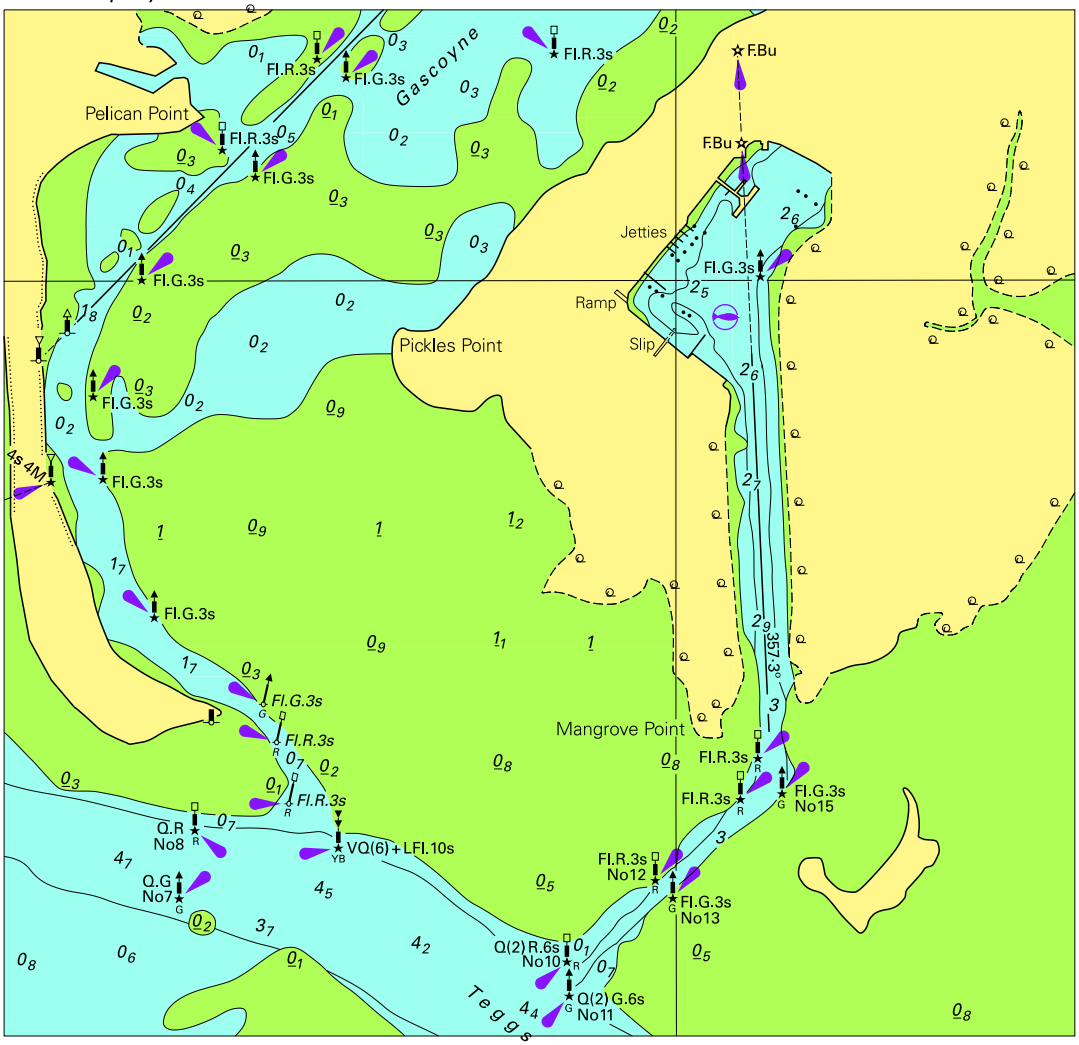


Block A for chart Aus 73

© Commonwealth of Australia 2011

(141·6 X 138·8MM)

To accompany Australian Notice to Mariners 1191/2011



Block B for chart Aus 73

© Commonwealth of Australia 2011

(141·6 x 135·7mm)