12 August 2011 **Edition 16**

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

AUSTRALIAN NOTICES TO MARINERS

Notices 783 – 839

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).

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783 AUSTRALIA - Product

Australian Hydrographic Service (AA548570, AA548146, AA548645, AA548998, AA549250, AA549347)

New Chart

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 158	12/8/2011	Australia - South Coast - Victoria - Port Phillip South and West Channels 38° 10'·00 S - 38° 23'·24 S 144º 31'·02 E - 144º 59'·70 E *New chart with amended limits to provide additional coverage for the western approaches to The Rip.*	1:37 500	Aus 5001	$35.00
Aus 328	12/8/2011	Australia - North West Coast - Western Australia - Montebello Islands to North West Cape 18° 46'·5 S - 21° 58'·0 S 113º 33'·5 E - 115º 32'·0 E *New chart providing additional coverage of the Northwest Shelf for proposed oil and gas field developments.*	1:300 000	Aus 5000	$35.00

New Edition

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 110	12/8/2011	Australia - South Coast - Western Australia - King George Sound 34° 59'·0 S - 35° 07'·83 S 117º 54'·89 E - 118º 11'·87 E Plan: Oyster Harbour 34° 56'·34 S - 35° 00'·13 S 117º 56'·19 E - 117º 58'·98 E *New edition referred to WGS84 datum with general updating throughout.*	1:25 000 1:25 000	Aus 5001	$35.00
Aus 113	12/8/2011	Australia - West Coast - Western Australia - Port of Fremantle 32° 01'·72 S - 32° 04'·37 S 115º 40'·90 E - 115º 45'·83 E *New edition incorporating amendments to leading lights and navlines.*	1:7 500	Aus 5001	$35.00

New Electronic Navigation Chart (Seafarer ENC)

Cell Name	*Released*	*Title*
AU322151	August 2011	Coral Sea - Swain Reefs
AU322152	August 2011	Coral Sea - Swain Reefs - East

New Miscellaneous Edition

Chart	Title	Scale	Remarks
AX 0249E	Approaches to Hay Point and Mackay - Submarine Dived Contours	1:75 000	Fleet use only.
AX 0823E	Percy Isles to Mackay - Submarine Dived Contours	1:150 000	Fleet use only.

New Chart to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 72	Australian - West Coast - Plans in Western Australia (Sheet 3)		26 August 2011
	Plans:		
	Norwegian Bay and Point Cloates	1:50 000	
	Maud Landing	1:37 500	
	Point Murat Wharf	1:12 500	
	Exmouth Boat Harbour	1:10 000	

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Chart permanently withdrawn

Chart	*On publication of new edition*
Aus 110	Aus 110
Aus 113	Aus 113
Aus 158	Aus 158
Aus 328	Aus 328

Chart permanently withdrawn without replacement

Chart
AX 0117S
AX 0193S
AX 0193E
AX 60377
AX 66003
AZ 65952
AZ 65955
AZ 65956
AZ 65957
AZ 68052

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.

784* AUSTRALIA - NEW SOUTH WALES - Merimbula Bay - Depths
NSW Department of Commerce (DHDB 690883)

Aus 806 [*675/2011*]

Insert	accompanying block	36º 57'.0 S	149º 57'.0 E

785* AUSTRALIA - NEW SOUTH WALES - Pittwater - Buoys
NSW Maritime (AA547002, AA544731, AA545699, AA546306, AA546307)

Aus 204 [*540/2011*]

Insert	special conical buoy, without topmark	33º 36'.774 S	151º 19'.309 E
	special conical buoy, without topmark	33º 36'.963 S	151º 19'.387 E
Delete	depth, 0_6m	33º 36'.82 S	151º 19'.33 E

Aus 215 [*188/2011*]

Insert	special conical buoy, without topmark	33º 36'.774 S	151º 19'.309 E
	special conical buoy, without topmark	33º 36'.963 S	151º 19'.387 E
Delete	depth, 0_7m	33º 36'.95 S	151º 19'.38 E
	depth, 2_2m	33º 36'.79 S	151º 19'.30 E

786* AUSTRALIA - NEW SOUTH WALES - Hawkesbury River - Flat Rock Point - Beacon removed
NSW Maritime (AA546301)

Aus 204 [*785/2011*]

Delete	beacon	33º 32'.87 S	151º 13'.95 E

Aus 217 [*947/2010*]

Delete	beacon	33º 32'.87 S	151º 13'.95 E

AX 6215F [*NE 25/2/2011*]

Delete	beacon	33º 32'.87 S	151º 13'.95 E

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787* AUSTRALIA - NEW SOUTH WALES - Terrigal - Light beacon
NSW Maritime (AA547431)

Aus 204 [*786/2011*]

Delete	light beacon	33º 26'.78 S	151º 26'.95 E

788* AUSTRALIA - QUEENSLAND - Barwon Bank - Depths
UKHO (AA548118)

Aus 4602 (INT 602) [*257/2011*]

Substitute	depth, *22m,* for depth, 24m	26º 30'.0 S	153º 32'.0 E

Aus 4643 (INT 643) [*676/2011*]

Substitute	depth, *22$_6$m,* for depth, 25$_6$m	26º 30'.0 S	153º 32'.0 E
Delete	depth, 20$_1$m, and enclosing contour	26º 34'.0 S	153º 15'.0 E

789* AUSTRALIA - QUEENSLAND - Hayman Island - Depths
HMAS *Paluma* (DHDB 1655174)

Aus 252 [*632/2011*]

Insert	accompanying block	20º 03'.0 S	148º 51'.5 E

Aus 254 (plan, Stonehaven Anchorage) [*1225/2010*]

Insert	accompanying block	20º 03'.0 S	148º 52'.3 E

790* AUSTRALIA - QUEENSLAND - Pipon Islets - Wreck
HMAS *Paluma* (AA542249, AA546159)

Aus 270 (plan, Cape Melville and Pipon Islets) [*632/2011*]

Delete	wreck	14º 07'.8 S	144º 31'.5 E

Aus 833 [*632/2011*]

Delete	wreck	14º 07'.8 S	144º 31'.5 E

791* AUSTRALIA - QUEENSLAND - Wallace Islet - Legend
HMAS *Paluma* (AA542249, AA546159)

Aus 835 [*632/2011*]

Insert	legend, *PA*	11º 26'.9 S	143º 01'.3 E

792* AUSTRALIA - QUEENSLAND - Cape York - Wreck
HMAS *Paluma* (AA542249, AA546159)

Aus 292 [*680/2011*]

Delete	wreck with legend, PA	10º 39'.0 S	142º 30'.5 E

Aus 376 [*632/2011*]

Delete	wreck	10º 39'.0 S	142º 30'.5 E

Aus 839 [*632/2011*]

Delete	wreck with legend, PA	10º 39'.0 S	142º 30'.5 E

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793* PAPUA NEW GUINEA - Nomenclature
UKHO (AA548121)

Aus 4620 (INT 620) [*NE 1/7/2011*]

Amend	name to *PAPUA NEW GUINEA*	7º 18'.0 S	144º 30'.0 E

AX 4620F [*1230/2010*]

Amend	name to *PAPUA NEW GUINEA*	7º 18'.0 S	144º 30'.0 E

794* PAPUA NEW GUINEA - Rothery Passage - Light range
UKHO (AA548122)

Aus 4621 (INT 621) [*739/2011*]

Amend	light range to *10M*	10º 21'.0 S	148º 42'.0 E

AX 4621F [*739/2011*]

Amend	light range to *10M*	10º 21'.0 S	148º 42'.0 E

795* AUSTRALIA - TORRES STRAIT - Varzin Passage to Gannet Passage - Light buoy established; light buoy withdrawn
Former Notice - 769(P)/2011 is cancelled
Australian Maritime Safety Authority ATH 7/2011, 8/2011 (AA549175, AA549176)

Aus 289 [*785/2010*]

Insert	special spherical light buoy, *Fl(5)Y.20s,* without topmark	10º 35'.41 S	141º 52'.18 E
Delete	light buoy	10º 31'.2 S	141º 56'.8 E

Aus 296 [*681/2011*]

Insert	special spherical light buoy, *Fl(5)Y.20s,* without topmark	10º 35'.50 S	141º 52'.12 E

796* AUSTRALIA - NORTHERN TERRITORY - Shepparton Shoal - Depths
HMAS *Melville* (DHDB 1786843)

Aus 722 [*593/2011*]

Insert	accompanying block	12º 04'.0 S	129º 55'.0 E

AX 72722 [*593/2011*]

Insert	accompanying block	12º 04'.0 S	129º 55'.0 E

797* AUSTRALIA - TIMOR SEA - Sahul Banks to Joseph Bonaparte Gulf - Scientific instruments
Australian Institute of Marine Science (AA546309, AA547582)

Aus 309 [*1235/2010*]

Insert	accompanying block	12º 22'.0 S	128º 38'.0 E

Aus 311 [*1166/2010*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	9º 49'.0 S	127º 33'.2 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	11º 00'.0 S	128º 00'.0 E

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797* AUSTRALIA - TIMOR SEA - Sahul Banks to Joseph Bonaparte Gulf - Scientific instruments *(continued)*

Aus 313 [*1166/2010*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	9º 49'.0 S	127º 33'.2 E

Aus 315 [*548/2011*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	12º 17'.4 S	128º 28'.6 E

Aus 316 [*90/2011*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	13º 36'.5 S	128º 58'.0 E

Aus 4721 (INT 721) [*595/2011*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	9º 49'.0 S	127º 33'.2 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	11º 00'.0 S	128º 00'.0 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	12º 17'.4 S	128º 28'.6 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	13º 36'.5 S	128º 58'.0 E

AX 0309F [*1235/2010*]

Insert	accompanying block	12º 22'.0 S	128º 38'.0 E

AX 0311F [*1166/2010*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	9º 49'.0 S	127º 33'.2 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	11º 00'.0 S	128º 00'.0 E

AX 0313F [*254/2010*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	9º 49'.0 S	127º 33'.2 E

AX 0315F [*548/2011*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	12º 17'.4 S	128º 28'.6 E

AX 4721F [*595/2011*]

Insert	depth, *10m,* enclosed by danger circle with legend, *ODAS*	9º 49'.0 S	127º 33'.2 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	11º 00'.0 S	128º 00'.0 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	12º 17'.4 S	128º 28'.6 E
	depth, *10m,* enclosed by danger circle with legend, *ODAS*	13º 36'.5 S	128º 58'.0 E

AX 72309 [*1235/2010*]

Insert	accompanying block	12º 22'.0 S	128º 38'.0 E

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798* AUSTRALIA - TIMOR SEA - Sahul Banks - Fantome Shoal - Depths
HMAS *Melville* (DHDB 1817482)

Aus 314 [*549/2011*]

Insert	accompanying block	11º 37'.0 S	123º 58'.0 E

Aus 4721 (INT 721) [*797/2011*]

Substitute	depth, *7_6m,* for depth, 7_1m	11º 38'.0 S	123º 55'.0 E
	depth, *7_9m,* for depth, 7_8m	11º 44'.0 S	123º 59'.0 E

Aus 4722 (INT 722) [*595/2011*]

Substitute	depth, *7_6m,* for depth, 7_1m	11º 38'.0 S	123º 55'.0 E
	depth, *7_9m,* for depth, 7_8m	11º 44'.0 S	123º 59'.0 E

AX 0314F [*549/2011*]

Insert	accompanying block	11º 37'.0 S	123º 58'.0 E

AX 4721F [*797/2011*]

Substitute	depth, *7_6m,* for depth, 7_1m	11º 38'.0 S	123º 55'.0 E
	depth, *7_9m,* for depth, 7_8m	11º 44'.0 S	123º 59'.0 E

AX 4722F [*595/2011*]

Substitute	depth, *7_9m,* for depth, 7_8m	11º 44'.0 S	123º 59'.0 E
	depth, *7_6m,* for depth, 7_1m	11º 38'.0 S	123º 55'.0 E

799* AUSTRALIA - WESTERN AUSTRALIA - Wyndham - Light buoys
CGL Wyndham Port (AA547630), Department of Transport WA (AA544957, AA544963)

Aus 32 (plan, Wyndham Wharf) [*682/2011*]

Move	light buoy	15º 27'.19 S	128º 05'.60 E
	to	15º 27'.173 S	128º 05'.584 E

Aus 32 (plan, Approaches to Wyndham Wharf)

Insert	starboard lateral spar light buoy, *Fl.G.3s No11,* with topmark	15º 23'.116 S	128º 06'.407 E
Substitute	lit yellow cylindrical mooring buoy, *Fl.Y.3s,* for mooring buoy	15º 25'.44 S	128º 06'.65 E
	lit yellow cylindrical mooring buoy, *Fl.Y.3s,* for mooring buoy	15º 25'.59 S	128º 06'.61 E
	lit yellow cylindrical mooring buoy, *Fl.Y.3s,* for mooring buoy	15º 25'.75 S	128º 06'.55 E
Move	light buoy	15º 27'.2 S	128º 05'.6 E
	to	15º 27'.173 S	128º 05'.584 E
Delete	light buoy	15º 23'.31 S	128º 06'.44 E
	depth, 7_1m	15º 23'.17 S	128º 06'.41 E

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800* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Dredged limits; navaids; mooring buoys
Former Notice - 326(P)/2011 is cancelled
Port Hedland Port Authority (AA523131, AA539745 - AA539747, AA546996, AA546998)

Aus 54 [*91/2011*]

Insert	accompanying block	20º 19'.4 S	118º 34'.5 E
Delete	mooring buoy	20º 19'.51 S	118º 34'.34 E
	mooring buoy	20º 19'.66 S	118º 34'.24 E
	mooring buoy	20º 19'.71 S	118º 33'.98 E
	mooring buoy	20º 19'.80 S	118º 34'.15 E
	mooring buoy	20º 19'.82 S	118º 33'.94 E
	mooring buoy	20º 19'.87 S	118º 34'.07 E
	mooring buoy	20º 19'.94 S	118º 33'.84 E

801* INDIAN OCEAN - Argo Abyssal Plain to Southwest Indian Ridge - Depths
Geoscience Australia (DHDB 1788789), RV *Melville*

Aus 4060 (INT 60) [*683/2011*]

Insert	depth, *2167m*	13º 17'.8 S	105º 18'.4 E
	depth, *1876m,* enclosed by contour	13º 50'.5 S	108º 51'.3 E
	depth, *2994m,* and extend contour NE to enclose	16º 23'.3 S	115º 13'.5 E
	depth, *4679m,* enclosed by contour	15º 57'.8 S	114º 48'.9 E
Delete	depth, 2287m	13º 37'.0 S	105º 15'.0 E
	depth, 4952m, and enclosing danger circle	15º 45'.0 S	115º 22'.0 E

Aus 4070 (INT 70) [*683/2011*]

Insert	depth, *2494m,* enclosed by contour	30º 34'.1 S	57º 38'.3 E
	depth, *2536m,* enclosed by contour	29º 55'.3 S	59º 31'.1 E
	depth, *2020m,* enclosed by contour	29º 40'.2 S	60º 25'.8 E
	depth, *1642m,* and extend contour W to enclose	29º 26'.1 S	61º 13'.9 E
	depth, *2570m,* enclosed by contour	28º 27'.2 S	64º 06'.3 E
	depth, *2542m,* and extend contour SW to enclose	23º 34'.3 S	69º 08'.9 E
	depth, *2818m,* enclosed by contour	22º 41'.8 S	71º 08'.2 E
	depth, *1875m,* enclosed by contour	15º 09'.5 S	87º 43'.3 E
	depth, *3819m,* enclosed by contour	12º 17'.7 S	96º 15'.5 E
	depth, *2167m*	13º 17'.8 S	105º 18'.4 E
	depth, *1876m,* enclosed by contour	13º 50'.5 S	108º 51'.3 E
	depth, *4679m,* enclosed by contour	15º 57'.8 S	114º 48'.9 E
	depth, *2994m,* and extend contour NE to enclose	16º 23'.3 S	115º 13'.5 E
Substitute	depth, *2056m,* for depth, 2315m	28º 00'.0 S	66º 05'.0 E
Delete	depth, 6035m	29º 25'.0 S	60º 45'.0 E
	depth, 1955m	29º 46'.0 S	61º 40'.0 E
	depth, 3385m	22º 33'.0 S	71º 20'.0 E
	depth, 2287m	13º 37'.0 S	105º 15'.0 E
	depth, 4952m, and enclosing danger circle	15º 45'.0 S	115º 22'.0 E

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801* INDIAN OCEAN - Argo Abyssal Plain to Southwest Indian Ridge – Depths *(continued)*

Aus 4071 (INT 71) [*683/2011*]

Insert	depth, *2818m,* enclosed by contour	22º 41'.8 S	71º 08'.2 E
	depth, *2542m,* and extend contour SW to enclose	23º 34'.3 S	69º 08'.9 E
	depth, *1875m,* enclosed by contour	15º 09'.5 S	87º 43'.3 E
	depth, *3819m,* enclosed by contour	12º 17'.7 S	96º 15'.5 E
	depth, *2167m*	13º 17'.8 S	105º 18'.4 E
	depth, *1876m,* enclosed by contour	13º 50'.5 S	108º 51'.3 E
	depth, *4679m,* enclosed by contour	15º 57'.8 S	114º 48'.9 E
	depth, *2994m,* and extend contour NE to enclose	16º 23'.3 S	115º 13'.5 E
Delete	depth, 3385m	22º 33'.0 S	71º 20'.0 E
	depth, 2287m	13º 37'.0 S	105º 15'.0 E
	depth, 4952m, and enclosing danger circle	15º 45'.0 S	115º 22'.0 E

Aus 4603 (INT 603) [*251/2011*]

Insert	depth, *2994m,* enclosed by contour	16º 23'.3 S	115º 13'.5 E

Aus 4708 (INT 708) [*683/2011*]

Insert	depth, *3819m,* enclosed by contour	12º 17'.7 S	96º 15'.5 E
	depth, *2861m,* enclosed by contour	12º 58'.9 S	103º 21'.7 E
	depth, *3610m,* enclosed by contour	13º 36'.1 S	107º 28'.3 E
	depth, *1876m,* enclosed by contour	13º 50'.5 S	108º 51'.3 E
	depth, *2994m,* enclosed by contour	16º 23'.3 S	115º 13'.5 E
	depth, *4679m,* enclosed by contour	15º 57'.8 S	114º 48'.9 E
Substitute	depth, *2167m,* for depth, 2619m	13º 20'.0 S	105º 15'.0 E
	depth, *3869m,* enclosed by contour for depth, 4377m	13º 57'.0 S	109º 47'.0 E
Delete	depth, 4819m, and enclosing danger circle	13º 38'.0 S	107º 23'.0 E

Aus 4714 (INT 714) [*424/2010*]

Insert	depth, *1875m,* enclosed by contour	15º 09'.5 S	87º 43'.3 E
	depth, *3958m,* enclosed by contour	12º 28'.0 S	96º 00'.0 E
	depth, *3819m,* enclosed by contour	12º 17'.7 S	96º 15'.5 E

Aus 4723 (INT 723) [*683/2011*]

Insert	depth, *1876m,* enclosed by contour	13º 50'.5 S	108º 51'.3 E
	depth, *3869m,* enclosed by contour	13º 54'.7 S	109º 44'.9 E
	depth, *4679m,* enclosed by contour	15º 57'.8 S	114º 48'.9 E
	depth, *2994m,* enclosed by contour	16º 23'.3 S	115º 13'.5 E
Delete	depth, 4377m	13º 57'.0 S	109º 47'.0 E
	depth, 3952m	16º 25'.0 S	115º 09'.0 E

AX 4603F [*142/2011*]

Insert	depth, *2994m,* enclosed by contour	16º 23'.3 S	115º 13'.5 E

AX 4708F [*683/2011*]

Insert	depth, *3819m,* enclosed by contour	12º 17'.7 S	96º 15'.5 E
	depth, *2861m,* enclosed by contour	12º 58'.9 S	103º 21'.7 E
	depth, *3610m,* enclosed by contour	13º 36'.1 S	107º 28'.3 E
	depth, *1876m,* enclosed by contour	13º 50'.5 S	108º 51'.3 E
	depth, *4679m,* enclosed by contour	15º 57'.8 S	114º 48'.9 E
	depth, *2994m,* enclosed by contour	16º 23'.3 S	115º 13'.5 E
Substitute	depth, *2167m,* for depth, 2619m	13º 20'.0 S	105º 15'.0 E
	depth, *3869m,* enclosed by contour for depth, 4377m	13º 57'.0 S	109º 47'.0 E
Delete	depth, 4819m, and enclosing danger circle	13º 38'.0 S	107º 23'.0 E

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801* INDIAN OCEAN - Argo Abyssal Plain to Southwest Indian Ridge – Depths *(continued)*

AX 4714F [*424/2010*]

Insert	depth, *1875m,* enclosed by contour	15º 09'.5 S	87º 43'.3 E
	depth, *3958m,* enclosed by contour	12º 28'.0 S	96º 00'.0 E
	depth, *3819m,* enclosed by contour	12º 17'.7 S	96º 15'.5 E

AX 4723F [*683/2011*]

Insert	depth, *1876m,* enclosed by contour	13º 50'.5 S	108º 51'.3 E
	depth, *3869m,* enclosed by contour	13º 54'.7 S	109º 44'.9 E
	depth, *4679m,* enclosed by contour	15º 57'.8 S	114º 48'.9 E
	depth, *2994m,* enclosed by contour	16º 23'.3 S	115º 13'.5 E
Delete	depth, 4377m	13º 57'.0 S	109º 47'.0 E
	depth, 3952m	16º 25'.0 S	115º 09'.0 E

802* AUSTRALIA - WESTERN AUSTRALIA - Lancelin - Beacon removed
Department of Transport WA (AA544963)

Aus 105 [*NE 29/7/2011*]

Delete	beacon	31º 00'.8 S	115º 19'.6 E

AX 60105 [*792/2010*]

Delete	beacon	31º 00'.8 S	115º 19'.6 E

803* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Leading lights altered
Fremantle Ports Notice 14/2011 (AA543204)

Aus 112 [*686/2011*]

Insert	accompanying block	32º 02'.5 S	115º 44'.5 E

AX 63112 [*686/2011*]

Insert	accompanying block	32º 02'.5 S	115º 44'.5 E

804* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Beagle Anchorage - Historic wreck
Western Australian Museum (AA515084)

Aus 117 [*687/2011*]

Insert	# with magenta legend, *Historic Wk (see Note)*	32º 05'.750 S	115º 45'.517 E
Delete	wreck	32º 05'.83 S	115º 45'.41 E

AX 70117 [*687/2011*]

Insert	# with magenta legend, *Historic Wk (see Note)*	32º 05'.750 S	115º 45'.517 E
Delete	wreck	32º 05'.83 S	115º 45'.41 E

I

805* AUSTRALIA - WESTERN AUSTRALIA - Garden Island - Mooring buoys
SVITZER Australia Pty Ltd (AA546316)

Aus 111 [*196/2011*]

Substitute	lit mooring buoy, *Q,* for mooring buoy	32º 12'.97 S	115º 42'.43 E
	lit mooring buoy, *Fl.Y.5s,* for mooring buoy	32º 13'.15 S	115º 42'.42 E

Aus 114 [*640/2011*]

Substitute	lit mooring buoy, *Q,* for mooring buoy	32º 12'.97 S	115º 42'.43 E
	lit mooring buoy, *Fl.Y.5s,* for mooring buoy	32º 13'.15 S	115º 42'.42 E

Aus 117 [*804/2011*]

Substitute	lit mooring buoy, *Q,* for mooring buoy	32º 12'.97 S	115º 42'.43 E
	lit mooring buoy, *Fl.Y.5s,* for mooring buoy	32º 13'.15 S	115º 42'.42 E

AX 70117 [*804/2011*]

Substitute	lit mooring buoy, *Q,* for mooring buoy	32º 12'.97 S	115º 42'.43 E
	lit mooring buoy, *Fl.Y.5s,* for mooring buoy	32º 13'.15 S	115º 42'.42 E

806* AUSTRALIA - TASMANIA - Spring Bay - Entry prohibited limit; port security limit
Tasmanian Ports Corporation Pty Ltd (DHDB 1439923)

Aus 170 [*968/2008*]

Insert	accompanying block	42º 34'.0 S	147º 55'.5 E
Delete	magenta dashed line with legend, between	42º 31'.57 S	147º 59'.69 E
		42º 34'.23 S	148º 04'.03 E
	magenta dashed line with legend, between	42º 43'.67 S	147º 56'.80 E
		42º 43'.23 S	148º 00'.76 E

Aus 175 [*958/2010*]

Insert	accompanying block A	42º 32'.8 S	147º 55'.7 E
	accompanying block B	42º 33'.4 S	147º 57'.0 E

Aus 766 [*307/2011*]

Insert	magenta dashed line with legend, *Spring Bay Port Limit* , between	42º 33'.11 S	147º 57'.25 E
		42º 34'.65 S	147º 56'.40 E
Delete	magenta dashed line with legend, between	42º 31'.6 S	147º 59'.7 E
		42º 34'.2 S	148º 04'.0 E

Aus 797 [*1062/2009*]

Insert	magenta dashed line with legend, *Spring Bay Port Limit* , between	42º 33'.11 S	147º 57'.25 E
		42º 35'.60 S	147º 55'.87 E
Delete	magenta dashed line with legend, between	42º 31'.6 S	147º 59'.7 E
		42º 34'.2 S	148º 4'.0 E
	magenta dashed line with legend, between	42º 43'.7 S	147º 56'.8 E
		42º 43'.2 S	148º 0'.8 E

I

807(T)/2011 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Raft
Date - Until 22 August 2011
Department of Defence (AA548710)

An unlit raft exists in position 35° 06'.29 S 150° 43'.16 E.

Chart temporarily affected – Aus 193 – AX 60193 – AX 67192 – AX 70193

808(T)/2011 AUSTRALIA - NEW SOUTH WALES - Wamberal - Scientific instrument
Date - Until 31 January 2012
Department of Finance and Services (AA549557, AA549558)

A special spherical light buoy, *Fl(5)Y.20s,* exists in position 33° 25'.93 S 151° 27'.12 E.

Chart temporarily affected – Aus 204

809(T)/2011 AUSTRALIA - NEW SOUTH WALES - Newcastle - Live firing
Date - Until 27 August 2011
Department of Defence (AA548333)

Live firing activities will be conducted in the Williamtown Air Weapons Range, R595, during the period 16 to 26 August 2011.

A marine danger area extends to all internal waters bounded by 33° 09'.00 S 152° 06'.00 E, thence on the minor arc of a circle of 25M radius centred on 32° 48'.00 S 151° 50'.00 E to 32° 44'.50 S 152° 19'.50 E, 32° 36'.00 S 153° 24'.25 E, thence the minor arc of a circle of 80M radius centred on 32° 48'.00 S 151° 50'.00 E to 33° 03'.00 S 153° 22'.00 E,33° 17'.00 S 153° 11'.00 E, 33° 25'.00 S 152° 18'.67 E, 33° 20'.50 S 152° 15'.00 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 489 – Aus 809 – Aus 810 – AX 0808E – AX 0809E

810(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling
Former Notice - 50(T)/2011 is cancelled
Maritime Safety Queensland Notice 701(T)/2011 (AA548530)

Available depths as at 29 July 2011:

	Metres
Centre line leads (255°)	5.7
Southern approach leads (291°)	3.6

A shoal area, with a least depth of *3.1m,* is drifting northwards immediately east of the south seaway wall towards the southern approach leads.

Mariners are advised to use the centre line leads (255°) when transiting the seaway as breaking waves are experienced close to the line of the southern approach leads.

Chart temporarily affected – Aus 230

I

811(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information
Former Notice - 754(T)/2011 is cancelled
Brisbane Port Corporation (AA549181), Maritime Safety Queensland Notice 696(T)/2011 (AA547510)

Available depths and under keel clearances (UKC) at 10 August 2011:

	Berth	*Metres*	*Remarks*
	Fisherman Islands No10	14.0	
	Fisherman Islands No9	14.0	
*	Fisherman Islands No8	14.0	
	Fisherman Islands No7	14.1	
	Fisherman Islands No6	14.0	
	Fisherman Islands No5	14.1	
*	Fisherman Islands No4	14.1	
	Fisherman Islands No3	14.1	
	Fisherman Islands No2	14.0	
*	Fisherman Islands No1	14.0	
	Fisherman Islands Grain and Woodchip	13.0	
	Caltex Fisherman Islands	14.3	
*	Fisherman Islands Coal	14.2	
	Fisherman Islands General Purpose	11.5	
	BP Luggage Point	14.3	
	Caltex Products	9.8	
	Cement Australia Co Wharf	9.7	
*	BP Products	10.9	
*	Shell	10.9	
	Pacific Terminals	11.0	
	Incitec North	10.0	
*	Incitec South	10.4	
	Pinkenba 1	10.4	
	Pinkenba 2	10.4	
	Riverside Marina	-	
	Sugar Terminal	9.8	
	Cairncross Fitting Out Wharf	8.2	
	Cairncross Breasting Wharf	6.7	
	Brisbane Naval Wharf	-	
	Maritime No3	5.6	(not maintained)
	Maritime No2	7.9	
	Maritime No1	9.0	
	Hamilton No4	10.1	
	Hamilton No1	8.4	
	Brisbane Cruise Ship Terminal	9.4	

	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	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

812(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Outer Bar Reach - Light buoy repositioned
Maritime Safety Queensland Notice 724(T)/2011 (AA548558)

No20 port lateral light buoy (27° 21'.32 S 153° 10'.75 E) has been repositioned to 27° 21'.42 S 153° 10'.68 E.

Chart temporarily affected – Aus 237

813(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Cabbage Tree Head - Light beacon restored
Former Notice - 370(T)/2011 is cancelled
Maritime Safety Queensland Notice 714/2011 (AA548461)

Cancel this notice on receipt.

Chart formerly affected – Aus 236

814(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Redcliffe - Dredging operations
Date - Until 23 September 2011
Maritime Safety Queensland Notice 745(T)/2011 (AA549461)

The dredge *Ken Harvey* and support vessels are conducting dredging operations in the vicinity of the jetty (27° 13'.55 S 153° 07'.03 E).

Lit mooring buoys exist in positions 27° 13'.49 S 153° 07'.21 E and 27° 13'.66 S 153° 07'.23 E.

The dredge will display appropriate lights and shapes and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

815(T)/2011 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Bellara - Light beacon restored
Former Notice - 649(T)/2011 is cancelled
Maritime Safety Queensland Notice 705/2011 (AA548540)

Cancel this notice on receipt.

Chart formerly affected – Aus 235 – Aus 236

816(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island - Obstructions
Former Notice - 756(T)/2011 is cancelled
Maritime Safety Queensland Notices 643(T)/2011, 707(T)/2011 (AA544727, AA548537)

Obstructions, marked by special light buoys *Q.Y* , exist between positions 23° 45'.68 S 151° 10'.41 E and 23° 46'.00 S 151° 10'.57 E; and 23° 45'.03 S 151° 09'.81 E and 23° 45'.46 S 151° 09'.86 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 245

817(T)/2011 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed
Former Notice - 656(T)/2011 is cancelled
Maritime Safety Queensland Notice 579(T)/2011 (AA541317)

Cancel this notice on receipt.

Chart formerly affected – Aus 248 – Aus 260 – Aus 261 – Aus 367 – Aus 490 – Aus 820 – Aus 822 – AX 0260E – AX 0367E – AX 0820E – AX 0822E – AX 60260 – AX 67248 – AX 67261

I

818(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Depth information
Former Notice - 1329(T)/2010 is cancelled
Maritime Safety Queensland Notice 692(T)/2011 (AA547514)

Available depths as at 29 July 2011:

	Metres
* HPS Berth No 1	15.2
* HPS Berth No 2	16.4
* DBCT Berth No 1	17.8
* DBCT Berth No 2	17.6
* DBCT Berth No 3	18.1
* DBCT Berth No 4	17.5

* Indicates revised entry.

Chart temporarily affected – Aus 249 – Aus 250 – AX 0249E

819(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Shoaling
Maritime Safety Queensland Notice 704(T)/2011 (AA547516)

Shoaling exists in an area south of berth 1 in an area bounded by the following positions:
21° 15'.89 S 149° 18'.85 E
21° 16'.30 S 149° 19'.40 E
21° 16'.40 S 149° 19'.09 E
21° 15'.95 S 149° 18'.80 E
21° 15'.90 S 149° 18'.79 E.

Chart temporarily affected – Aus 249 – Aus 250 – AX 0249E

820(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Depth information
Former Notice - 964(T)/2009 is cancelled
Maritime Safety Queensland Notice 733(T)/2011 (AA548962)

The available depth for the navigation channel in Hay Point tug harbour is *5.0m (LAT).*

Lesser depths exist close to the outer edge of the channel and at the southern end of the tug berths.

Mariners are advised to keep to the centre of the channel when approaching and leaving the tug berths.

Chart temporarily affected – Aus 249 – Aus 250

821(T)/2011 AUSTRALIA - QUEENSLAND - Mackay - Depth information
Former Notice - 1330(T)/2010 is cancelled
Maritime Safety Queensland Notice 691(T)/2011 (AA547512)

Available depths as at 29 July 2011:

	Metres
* Entrance Channel	8.8
Swing Basin	8.6
* Berth No 1	10.4
* Berth No 3	12.5
Berth No 4	10.4
* Berth No 5	11.9

* Indicates new or revised entry.

Caution: Lesser depths may occur in berthing pockets but are not considered to have an impact on shipping.

Chart temporarily affected – Aus 250

I

822(T)/2011 AUSTRALIA - QUEENSLAND - Magnetic Island - Scientific instrument
Date - Until 31 August 2011
Maritime Safety Queensland Notice 710(T)/2011 (AA548484)

A scientific instrument marked by a special light buoy, *Fl.Y.4s,* exists in position 19° 07'.8 S 146° 55'.8 E.

Chart temporarily affected – Aus 256 – Aus 827

823(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Depth information
Former Notice - 762(T)/2011 is cancelled
Maritime Safety Queensland Notice 723(T)/2011 (AA548567)

Available depths as at 5 August 2011:

	Metres	*Remarks*
Sea Channel	11.8	
Platypus Channel	11.2	
Outer Harbour:		
Arrival Channel	7.0	
Departure Channel	9.2	
Inner Harbour:		
Harbour	11.6	
Berths:		
No 1	11.7	
No 2	11.7	
No 3	11.8	
* No 4	10.3	
	9.0	From 0 to 20 mark
No 7	10.7	
Between No 7 and No 8	9.8	Seaward of 0 mark at No 7
No 8	9.3	
No 9	11.9	
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
	9.3	From Ro-Ro ramp to 10 mark
No 11	11.6	
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

824(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Dredging operations completed
Former Notice - 761(T)/2011 is cancelled
Maritime Safety Queensland Notice 659(T)/2011 (AA545472)

Cancel this notice on receipt.

Chart formerly affected – Aus 256 – Aus 257

I

825(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Harbour works
Former Notice - 525(T)/2011 is cancelled
Date - Until 31 December 2012
Maritime Safety Queensland Notices 413/2011, 418/2011, 694(T)/2011 (AA533266, AA533290, AA547521)

Harbour works associated with the construction of the Townsville Port Access Road Bridge are in progress.

Works on the middle pier structure of the bridge are in progress. The width of the river between the middle and northern pier will be progressively restricted. Light beacons mark the construction area.

A starboard lateral light buoy, *Fl.G.3s,* exists in position 19° 16'.15 S 146° 50'.11 E.

The area between the middle and southern pier will remain closed till the completion of the works.

The maximum beam of vessels through the construction area is not to exceed 8m, however in exceptional circumstances the Regional Harbour Master may approve the transit of vessels above 8m beam.

Mariners must advise the construction site foreman of the intent to transit through the construction area by mobile phone on 0420372093 or 0427036506. Mariners must also announce their approach to the bridge on VHF Ch 16 to all vessels using the river and make necessary passing arrangements.

Priority should be given to a vessel transiting the channel in the direction of tidal flow. The give way vessel should stem the tide at a safe distance from the restricted area.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 257

826(T)/2011 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information
Former Notice - 766(T)/2011 is cancelled
Maritime Safety Queensland Notice 702(T)/2011 (AA547518)

Available depths as at 29 July 2011:

	Metres
Departure Channel	9.6
Inner Channel	9.6
Swing Basin	6.7
Sugar Berth	10.1

* Indicates revised entry.

Chart temporarily affected – Aus 258

I

827(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Depth information
Former Notice - 327(T)/2010 is cancelled
Maritime Safety Queensland Notice 726(T)/2011 (AA548674)

Available depths as of 8 August 2011:

	Metres	*Remarks*
* Entrance Channel	7.6	
Crystal Swing Basin at:		
360 metre diameter	7.4	
380 metre diameter	6.8	
Swing Basin at:		
310 metre diameter	8.7	
320 metre diameter	8.0	
Marlin Marina	3.3	
Berths:		
No 1	8.5	
No 2	8.5	
No 3	8.4	
No 4	8.4	
No 5	7.1	
No 6	7.1	between 500 metres and 550 metres
No 6	7.4	between 550 metres and 600 metres
No 7	10.0	
No 8	10.1	
No 10	9.3	
No 12	10.5	
Smiths Creek 1	4.7	

* Indicates revised entry.

Chart temporarily affected – Aus 262 – Aus 263 – Aus 264 – Aus 830

828(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations
Date - Until 5 September 2011
Maritime Safety Queensland Notice 739(T)/2011 (AA549219)

The dredge *Brisbane* is conducting dredging operations in the Entrance Channel (16° 52'.3 S 145° 48'.5 E) and Trinity Inlet (16° 56'.0 S 145° 47'.0 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 262 – Aus 263 – Aus 264 – Aus 830 – AX 63262

829(T)/2011 AUSTRALIA - QUEENSLAND - Weipa - South Channel - Light beacon unlit
Maritime Safety Queensland Notice 720(T)/2011 (AA548840)

The light beacon, *LFl.10s 7m 8M* (12° 41'.85 S 141° 41'.33 E), is unlit.

Chart temporarily affected – Aus 4 – Aus 301 – Aus 701

I

830(T)/2011 AUSTRALIA - QUEENSLAND - Weipa - Mission River - Harbour works
Date - Until 5 December 2011
Maritime Safety Queensland Notice 690(T)/2011 (AA547520)

Diving operations and harbour works associated with the remediation of the Mission River Bridge (12° 35'.85 S 141° 53'.65 E) are in progress.

Barge *PMG 1* and MV *Lisa Lee* are onsite and will display appropriate lights and shapes.

The barge has deployed anchors marked by six white light buoys.

A lit mooring buoy exists in position 12° 36'.20 S 141° 51'.89 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 4 – Aus 701

831(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - North Reef - Seismic survey
Date - Until 30 November 2011
Woodside Energy Ltd (AA549303)

A survey is in progress in an area bounded by the following positions:
13° 51'.23 S 121° 44'.77 E
13° 51'.30 S 122° 00'.53 E
14° 03'.71 S 122° 00'.47 E
14° 03'.64 S 121° 44'.70 E.

Chart temporarily affected – Aus 43 – Aus 322 – AX 0322F

832(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Mooring buoy
Date - Until 3 February 2012
Mermaid Marine Australia Ltd (AA548349 - AA548351)

A yellow cylindrical mooring buoy exists in the position 14° 02'.61 S 121° 53'.92 E.

Chart temporarily affected – Aus 43 – Aus 322 – AX 0322F

833(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Varanus Island - Chart error corrected
Former Notice - 717(P)/2011 is cancelled
Australian Hydrographic Service (AA548889)

Cancel this notice on receipt.

Chart formerly affected – Aus 62

834(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island to Solitary Island - Survey operations completed
Former Notice - 578(T)/2011 is cancelled
Department of Transport WA (AA549207)

Cancel this notice on receipt.

Chart formerly affected – Aus 327 – Aus 742 – Aus 743

I

835(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Port Denison - Dredging operations
Date - Until 31 August 2011
Department of Transport WA Notice 96/2011 (AA549189 - AA549191)

Dredging operations are in progress in the vicinity of position 29° 16'.32 S 114° 55'.23 E. The area is marked by special light buoys, *Q.Y*.

The barge *Thumper* is on site and has deployed anchors. The barge will display appropriate lights and shapes and will monitor VHF Ch 71.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 84

836(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - King George Sound - Survey operations completed
Former Notice - 580(T)/2011 is cancelled
Albany Port Authority (AA549188)

Cancel this notice on receipt.

Chart formerly affected – Aus 109 – Aus 110 – Aus 118

837(T)/2011 AUSTRALIA - SOUTH AUSTRALIA - Kangaroo Island - Penneshaw - Light restored; lights removed
Former Notice - 880(T)/2010 is cancelled
Department for Transport, Energy and Infrastructure SA (AA548096)

Cancel this notice on receipt.

Chart formerly affected – Aus 125 – Aus 126 –Aus 346 – Aus 444 – Aus 780

838(T)/2011 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Great Taylors Bay - Marine farm
Date - Until 31 December 2011
Marine and Safety Tasmania Notice M103/2011 (AA549297, AA549521)

The marine farm limits have been altered and are bounded by the following positions:
43° 22'.54 S 147° 08'.61 E
43° 23'.12 S 147° 09'.48 E
43° 23'.71 S 147° 08'.66 E
43° 23'.08 S 147° 07'.85 E.

Special light buoys, *Fl.Y.6s,* mark the corners of the marine farm.

Chart temporarily affected – Aus 173 – Aus 795

839(T)/2011 AUSTRALIA - VICTORIA - Corner Inlet - Bentley Point - Light beacon destroyed
Victorian Notice 100/2011 (AA549261)

The light beacon, *Fl.G.3s 7M* (38° 46'.52 S 146° 29'.51 E (WGS84 datum)), has been destroyed.

Chart temporarily affected – Aus 181

HYDROGRAPHIC REPORTS

Locality	*Report*	*Ship/Authority*	*Observer*
QLD- Kirke River	Shoaling		A Green

NAVIGATION WARNINGS

The following radio messages have been received during the period to 12 August 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

199 Drill rig *Atwood Osprey* in position 20º 31'·12 S 114º 49'·26 E. 2·5M clearance requested.
200 Cancelled.
201 Cancelled.
202 Drill rig *Nan Hai 6* in position 19º 28'·0 S 116º 38'·0 E. 2·5M clearance requested.
203 Cancelled.
204 Cancelled.
205 Cancelled.
206 Lit wave rider buoy, *Fl(5)Y.20s,* established in position 10º 35'·4 S 141º 52'·2 E.
207 Special purpose vessel *Greatship Mamta* conducting survey operations in an area bounded by 20º 32'·0 S to 20º 48'·0 S and 114º 54'·0 E to 115º 10'·0 E. 2·5M clearance requested.

NAVAREA X WARNINGS

015 Cancelled.
016 MV *Orient Explorer* conducting seismic survey towing 3M cable in an area bounded by:
10º 15'·0 S 147º 45'·0 E
10º 08'·0 S 147º 30'·0 E
09º 45'·0 S 147º 15'·0 E
09º 33'·0 S 147º 00'·0 E
09º 32'·0 S 147º 04'·0 E
09º 39'·0 S 147º 15'·0 E
10º 03'·0 S 147º 30'·0 E
10º 11'·0 S 147º 48'·0 E.

4M clearance requested.

Navigational warnings in force as at 120001UTC AUG 11.

Auscoast
2011 166 186 189 190 196 197 199 202 206 207

Navarea X
2011 006 016

Summary of mobile drilling rigs as at 120001UTC AUG 11.

Name	*Position*
Ocean Patriot	11º 57'·33 S 124º 36'·30 E
Ocean America	13º 12'·58 S 122º 37'·20 E
Nan Hai 6	19º 28'·00 S 116º 38'·00 E
Ensco 109	20º 17'·39 S 116º 16'·52 E
Atwood Osprey	20º 31'·12 S 114º 49'·26 E
Atwood Eagle	20º 12'·20 S 114º 47'·90 E
Maersk Discoverer	19º 13'·92 S 114º 25'·56 E

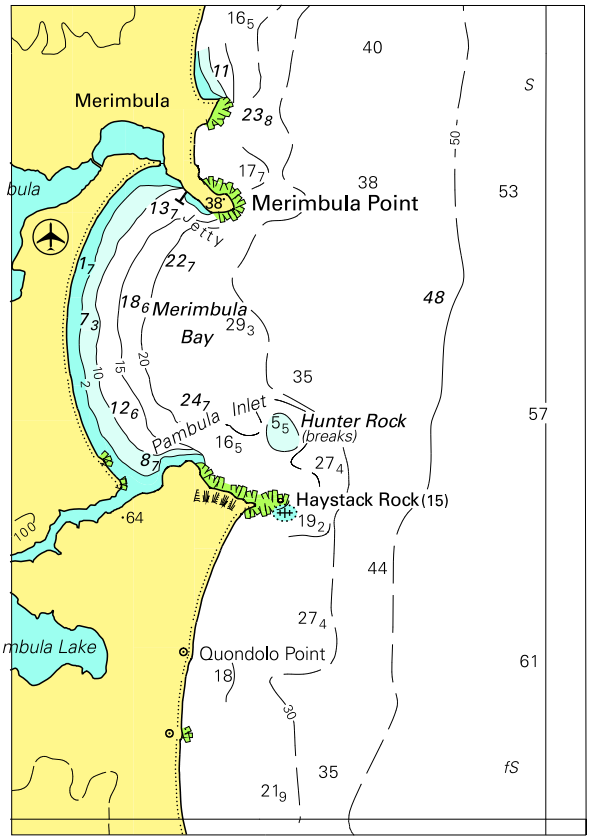
NAVAREA XIV WARNINGS

071 Cancelled.
072 Cancelled.
073 Cancelled.
074 Cancelled.
075 Cancelled.
076 Cancelled.
077 Cancelled.
078 Cancelled.
079 Cancelled.
080 South Pacific Ocean, Fiji. Viti Levu, Vaua Levu. The Nasilai Reef light K4668 in position 18º 08'·0 S 178º 41'·2 E is unlit.

Navarea XIV warnings in force as at 120001UTC AUG 11.

2011 080

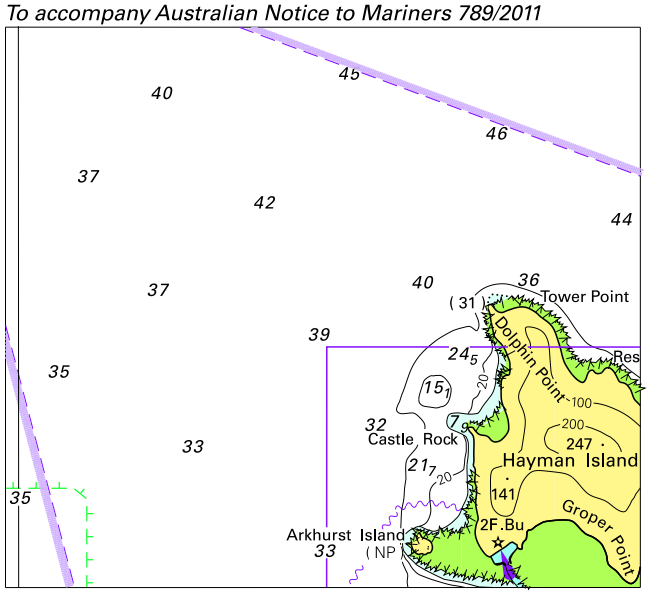
To accompany Australian Notice to Mariners 784/2011



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Block for chart Aus 806

To accompany Australian Notice to Mariners 789/2011

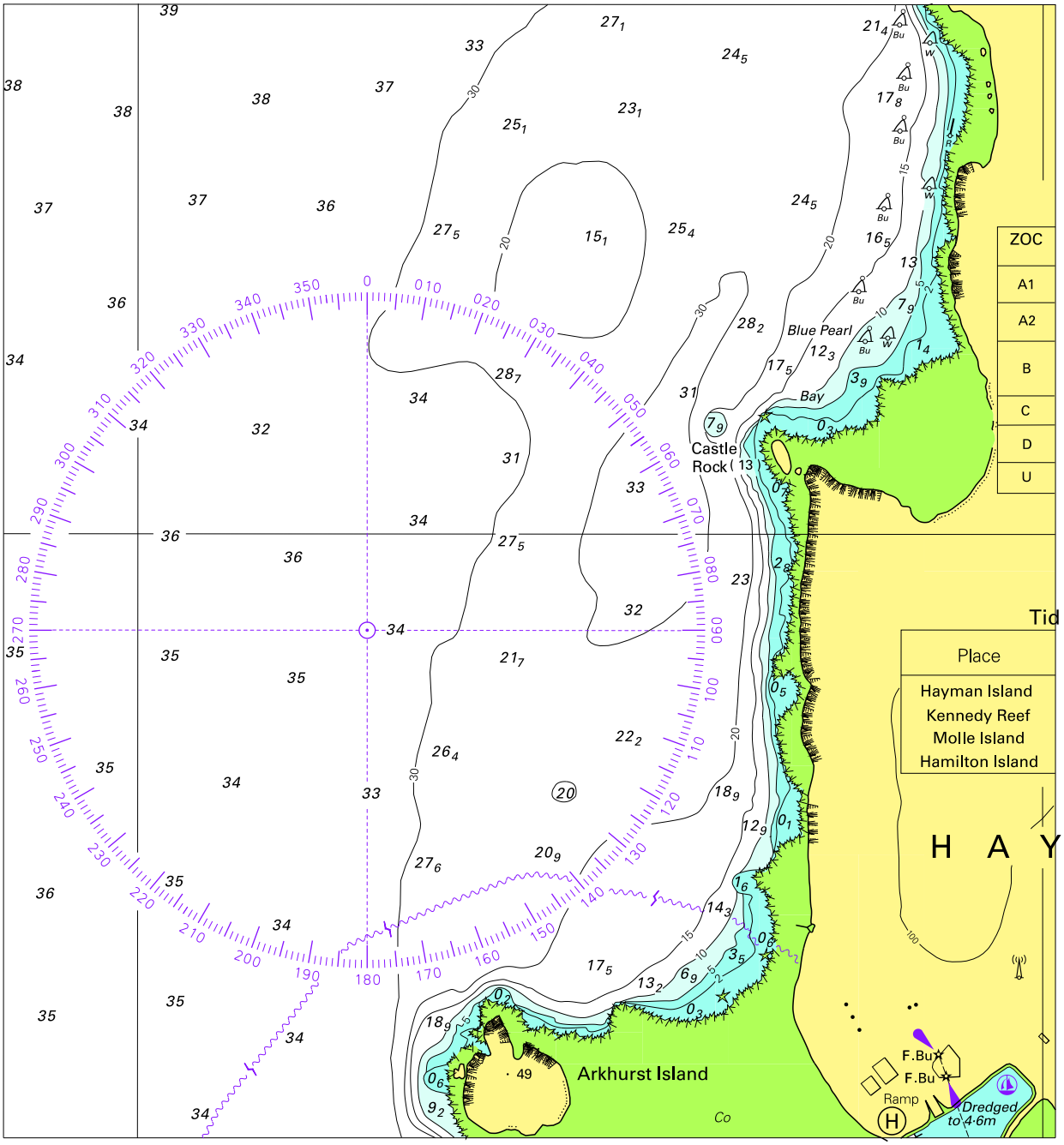


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Block for chart Aus 252

(84 x 74·1mm)

To accompany Australian Notice to Mariners 789/2011

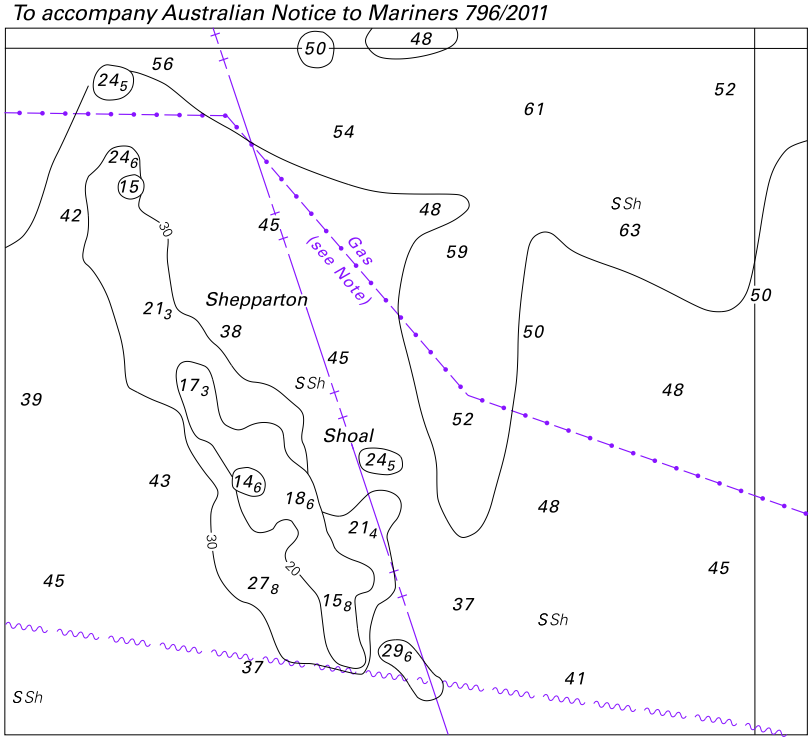


Block for chart Aus 254

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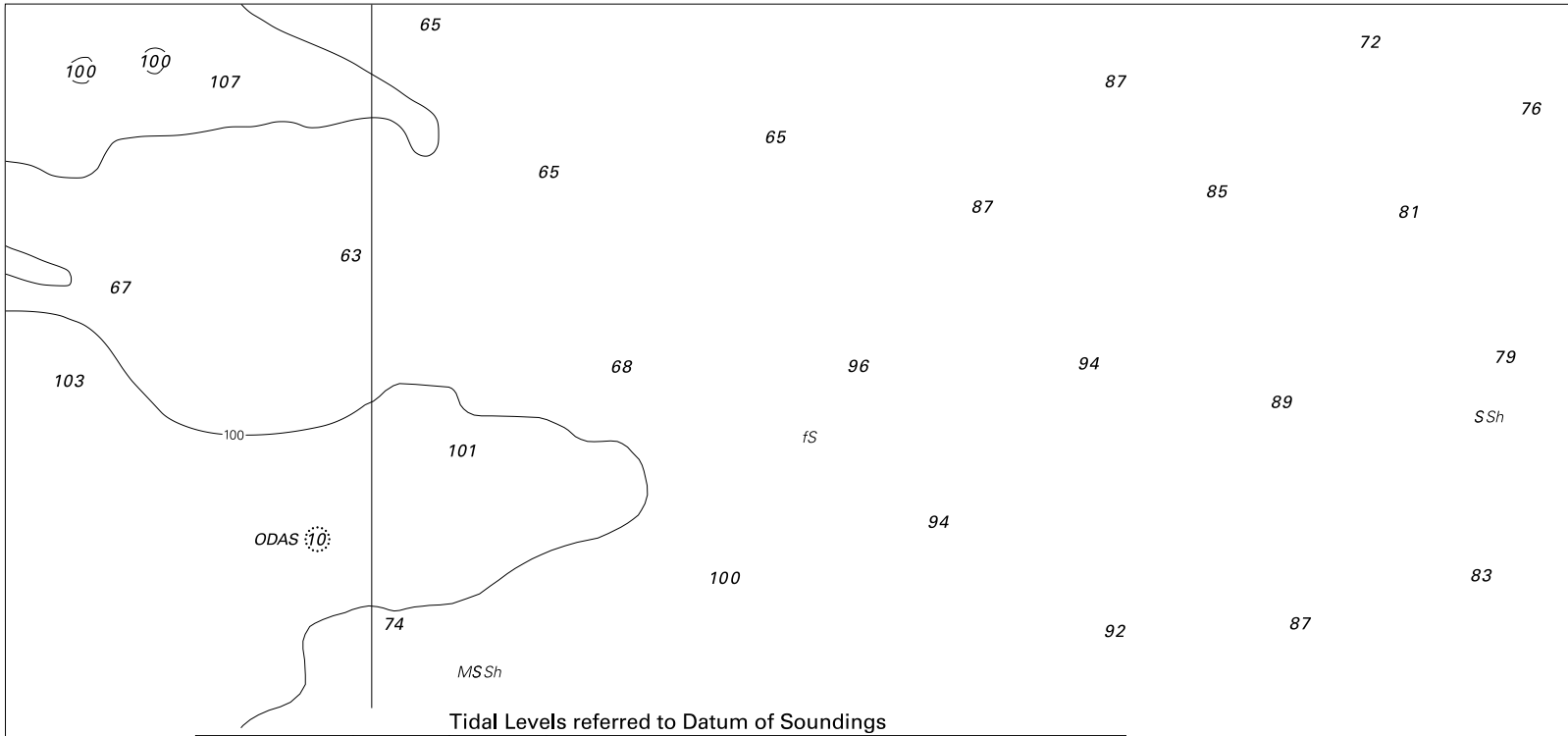
(162·3 x 174·9mm)

To accompany Australian Notice to Mariners 796/2011



Block for chart Aus 722 © Commonwealth of Australia 2011 (106·1 x 93·4mm)

To accompany Australian Notice to Mariners 797/2011



Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in meters above datum					
			HAT	MHWS	MHWN	MSL	MLWN	MLWS
Darwin	12°28'	130°51'	8·0	6·9	5·0	4·1	3·2	1·4
Nightcliff	12 23	130 50	7·6	6·8	4·7	4·0	3·2	1·1
Tapa Bay	12 27	130 36	6·9	6·0	4·2	3·5	2·7	0·9
St Asaph Bay	11 18	130 23	4·3	4·0	3·0	2·3	1·6	0·6

Tidal Streams referred to H.W. at DARWIN

Hours	Geographical Position		A 11°59·0'S 128°18·1'E		B 11°40·4'S 129°00·6'E		C 12°04·7'S 130°39·8'E	
	Directions of streams (degrees)	Mean rate (knots)						
Before High Water 6			-6	000	0·2	000	0·3	263	0·8
Before High Water 5			-5	065	0·3	085	0·1	210	0·3
Before High Water 4			-4	110	0·7	142	0·5	105	0·7
Before High Water 3			-3	122	0·8	145	0·7	096	1·2
Before High Water 2			-2	130	0·6	145	0·6	090	1·4
Before High Water 1			-1	150	0·4	150	0·4	087	1·1
High Water			0	180	0·1	150	0·1	086	0·7
After High Water 1			+1	255	0·2	210	0·3	084	0·2
After High Water 2			+2	282	0·6	310	0·6	275	0·5
After High Water 3			+3	298	0·8	312	0·8	277	1·1
After High Water 4			+4	313	0·7	322	0·8	275	1·4
After High Water 5			+5	320	0·5	330	0·7	276	1·4
After High Water 6			+6	000	0·2	340	0·4	270	1·0

Hours	Geographical Position			D 11°54·0'S 129°54·9'E		
	Directions of streams (degrees)	Rates at spring tides (knots)	Rates at neap tides (knots)			
Before High Water 6				-6	295	0·3	0·1
Before High Water 5				-5	143	0·3	0·1
Before High Water 4				-4	140	0·9	0·3
Before High Water 3				-3	139	1·4	0·5
Before High Water 2				-2	141	1·3	0·4
Before High Water 1				-1	142	1·0	0·3
High Water				0		0·5	0·2
After High Water 1				+1	343	0·1	0·0
After High Water 2				+2	323	0·7	0·2
After High Water 3				+3	322	1·3	0·4
After High Water 4				+4	321	1·4	0·5
After High Water 5				+5	313	1·0	0·3
After High Water 6				+6	305	0·6	0·2

GAS PIPELINES

Gas pipelines contain flammable natural gas under high pressure. Any ship damaging the pipeline would face an immediate fire hazard. Mariners are strongly advised not to anchor or trawl in the vicinity of the pipeline.

PILOTS

The Outer Pilot Boarding Place is for vessels that have requested a pilot for the deep draught passage.

UNEXPLODED ORDNANCE

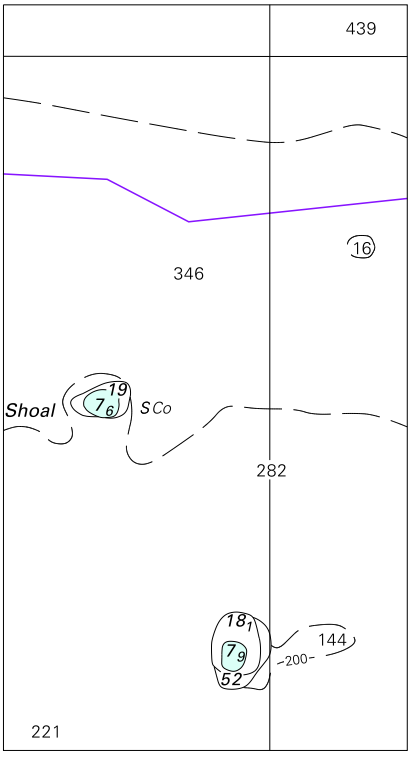
The area is safe for surface navigation only; it is not safe for anchoring, trawling or seabed activities. For details see Australian Notice to Mariners No 12.

Block for chart Aus 309

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(217·2 x 176·1)

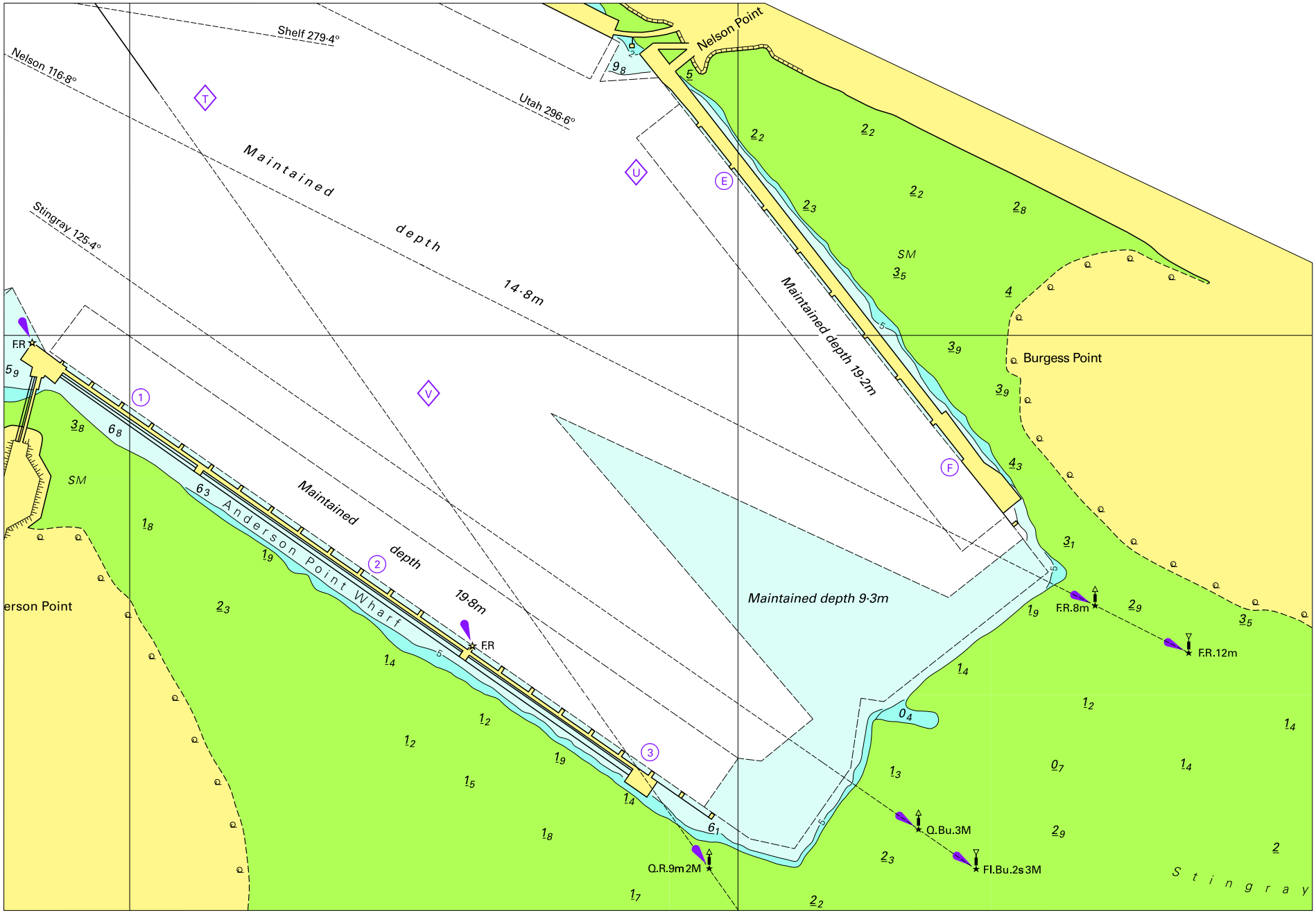
To accompany Australian Notice to Mariners 798/2011



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Block for chart Aus 314 (53·4 x 98·6mm)

To accompany Australian Notice to Mariners 800/2011

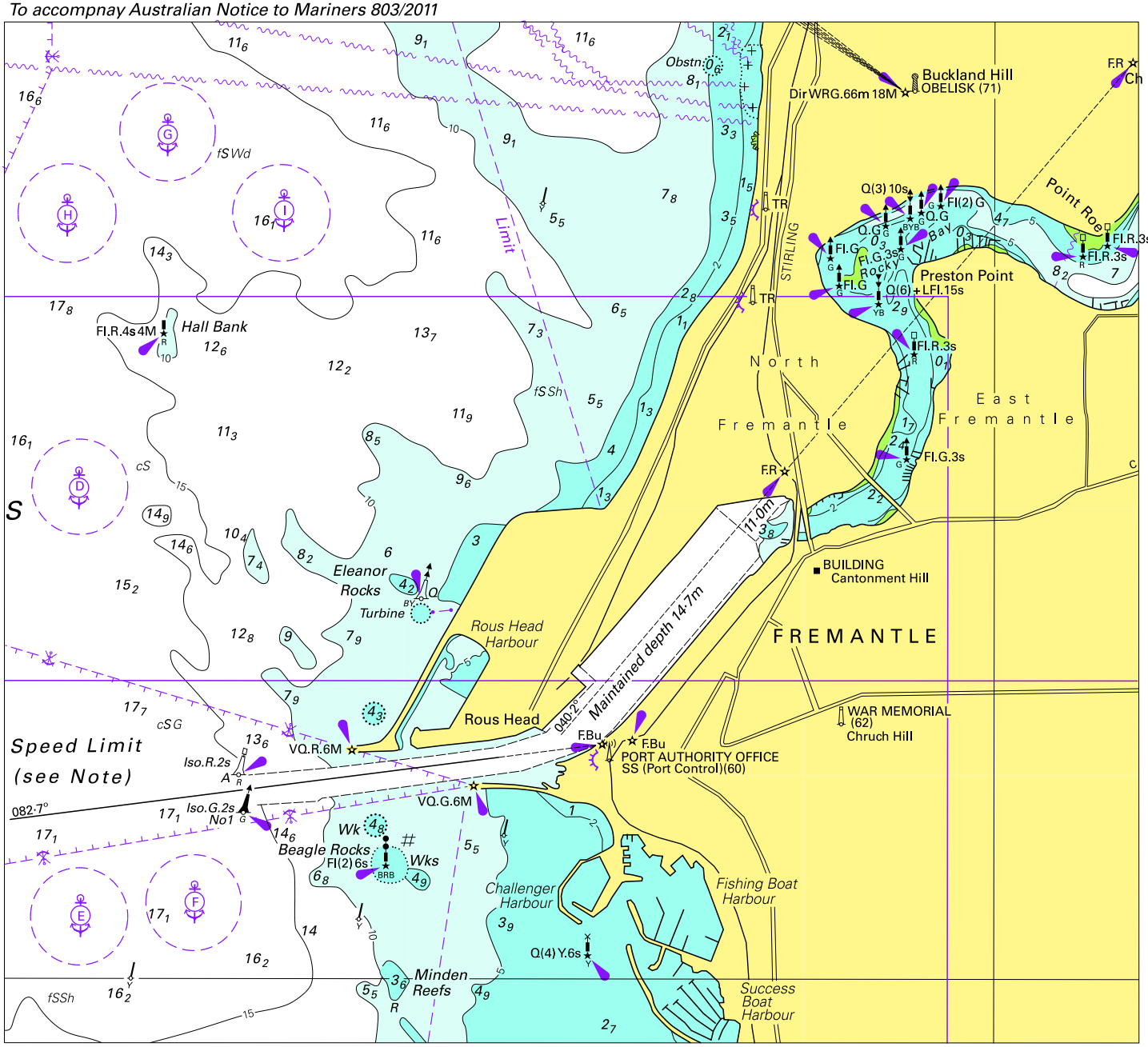


Block for chart Aus 54

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(249·6 x 173·1mm)

To accompnay Australian Notice to Mariners 803/2011

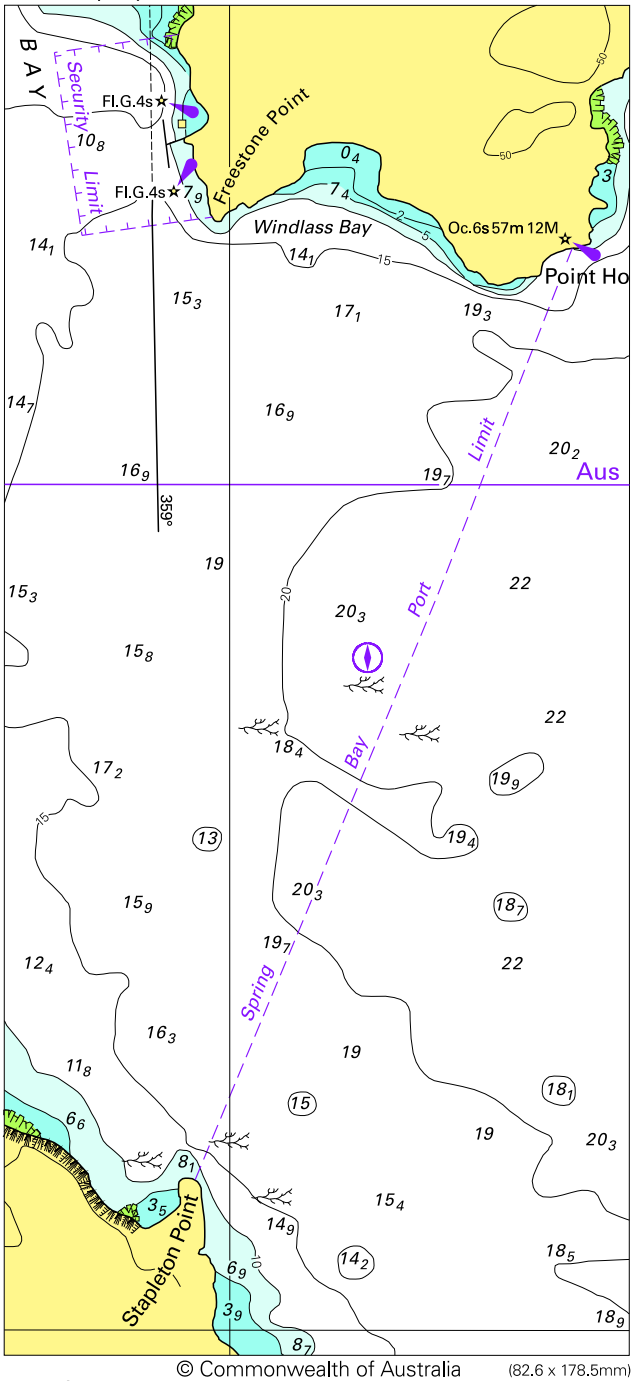


Block for Chart Aus 112

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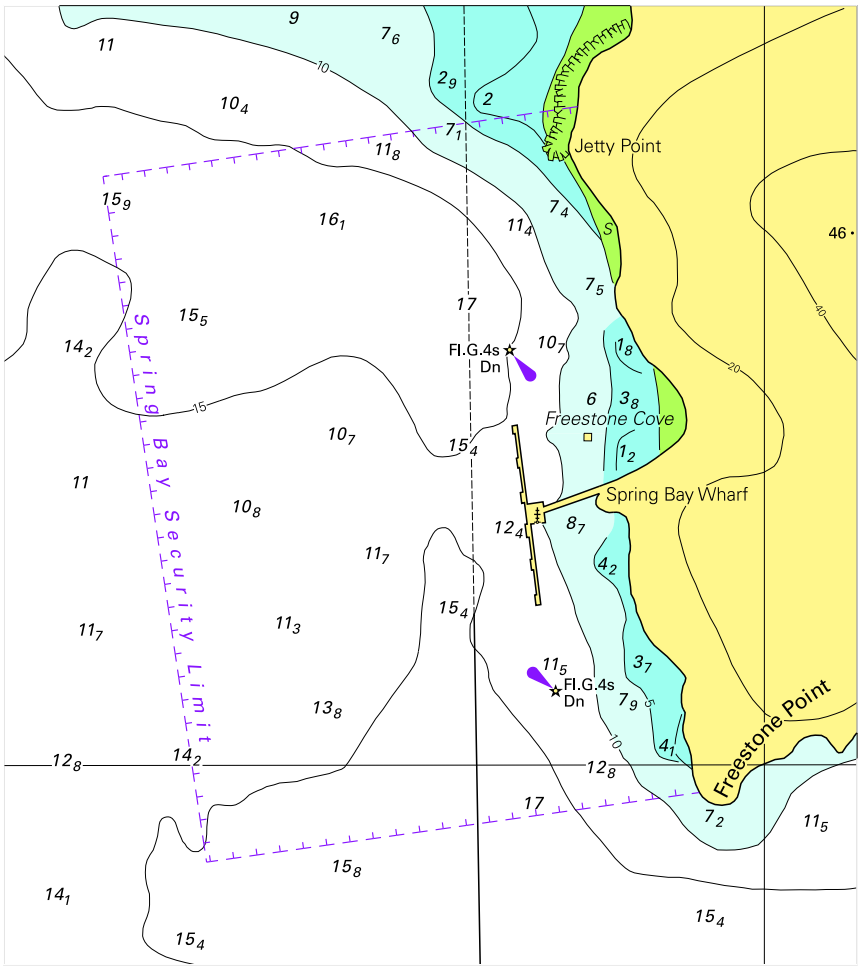
(187·6 x 168·8mm)

To accompany Australian Notice to Mariners 806/2011



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To accompany Australian Notice to Mariners 806/2011

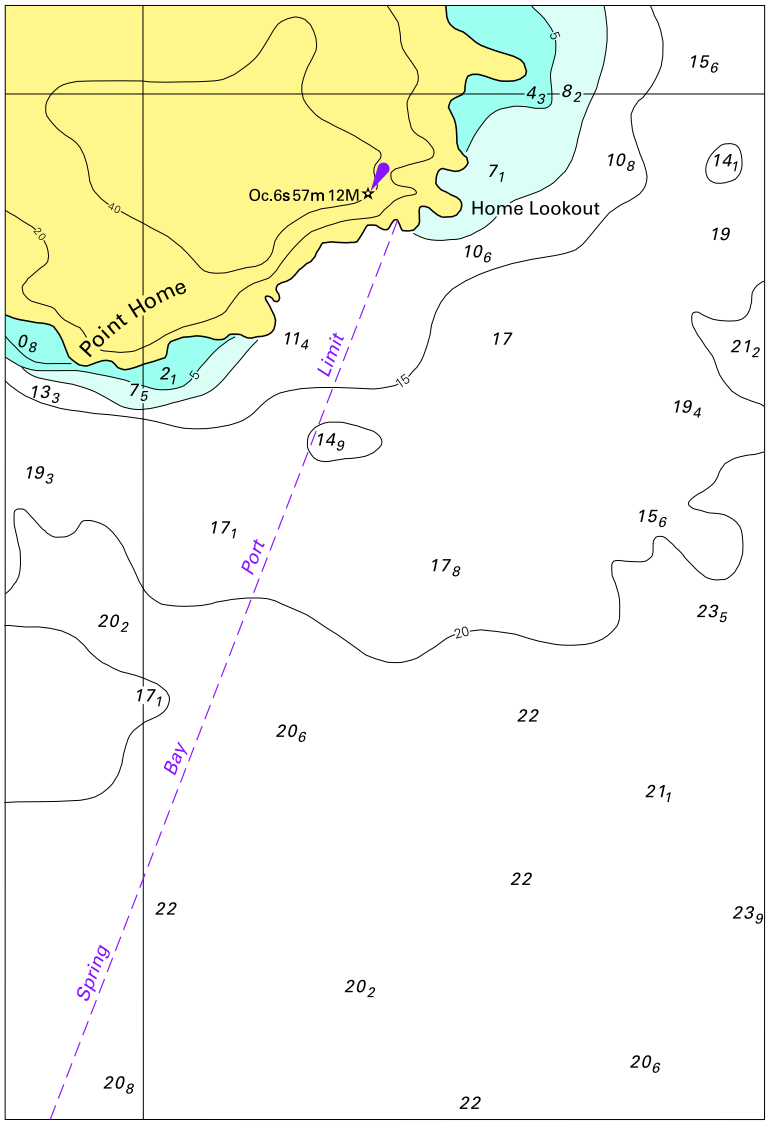


Block A for chart Aus 175

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(112.8 x 126.9mm)

To accompany Australian Notice to Mariners 806/2011



Block B for chart Aus 175 © Commonwealth of Australia 2011 (100.5 x 147.3mm)