7 September 2012 **Edition 18**

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

AUSTRALIAN NOTICES TO MARINERS

Notices 874 – 924

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

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IMPORTANT NOTICE

This edition of Notices to Mariners includes all significant information affecting AHS products which the AHS has become aware of since the last edition. All reasonable efforts have been made to ensure the accuracy and completeness of the information, including third party information, on which these updates are based. The AHS regards third parties from which it receives information as reliable, however the AHS cannot verify all such information and errors may therefore exist. The AHS does not accept liability for errors in third party information.

GENERAL INSTRUCTIONS

The substance of these notices should be inserted on the charts affected.

Bearings are referred to the true compass and are reckoned clockwise from North; those relating to lights are given as seen by an observer from seaward. Positions quoted in permanent notices relate to the horizontal datum for the chart(s). When preliminary or temporary notices affect multiple charts, positions will be provided in relation to only one horizontal datum and that datum will be specified. When the multiple charts do not have a common horizontal datum, mariners will be required to adjust the position(s) for those charts not on the specified datum. The range quoted for a light is its nominal range. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.

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

REPORTING OF DANGERS

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 Wollongong, NSW 2500 (Fax 02-4223 6599, e-mail **Hydro.NTM@defence.gov.au** or, alternatively by filling in and submitting the **Hydrographic Notes** forms located on the web site – www.hydro.gov.au), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email rccaus@amsa.gov.au).

AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Service (AHS) website (**www.hydro.gov.au**) and through the eNotices (email) service (**www.hydro.gov.au/enotices/enotices.htm**).

Individual Notices may be copied for the purpose of inserting Notice substance on official charts and publications. Paper copies may be printed by chart agents and distributed to customers on a cost recovery basis. Participating chart agents are listed on the AHS website as providing a 'Paper Notices to Mariners' service (**www.hydro.gov.au/prodserv/distributors/distributors.htm**). Copies of the notices may not be sold for profit without prior written agreement.

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874 AUSTRALIA - Product
Australian Hydrographic Service (AA621431, AA622968)

New Chart

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 196	7/9/2012	Australia - East Coast - New South Wales - Port Botany 33° 57'·0 S - 34° 01'·2 S 151º 11'·1 E - 151º 14'·3 E *New chart providing improved coverage of Port Botany including new berths.*	1:7 500	Aus 5001	$35.00
Aus 728	7/9/2012	Australia - North West Coast - Western Australia - Eclipse Islands to Cape Voltaire 13° 04'·0 S - 14° 35'·8 S 125º 27'·2 E - 126º 26'·6 E *New chart referred to LAT with general updating throughout.*	1:150 000	Aus 5000	$35.00
Aus 828	7/9/2012	Australia - East Coast - Palm Isles to Brook Islands and Palm Passage 17° 53'·4 S - 18° 50'·2 S 145º 58'·6 E - 147º 32'·6 E *New chart referred to LAT with general updating throughout.*	1:150 000	Aus 5000	$35.00

New Edition

Chart	*Published*	*Title and description of amendments*	*Scale*	*Index Chart*	*Price*
Aus 325	7/9/2012	Australia - North West Coast - Western Australia - Rowley Shoals to Bedout Islet 16° 51'·0 S - 20° 05'·0 S 118º 46'·0 E - 120º 45'·0 E *Limited new edition to incorporate shipping fairway.*	1:300 000	Aus 5000	$35.00
Aus 326	7/9/2012	Australia - North West Coast - Western Australia - Bedout Islet to Port Walcott 17° 31'·12 S - 20° 44'·18 S 117º 09'·08 E - 119º 07'·83 E *Limited new edition to incorporate shipping fairway.*	1:300 000	Aus 5000	$35.00
Aus 327	7/9/2012	Australia - North West Coast - Western Australia - Port Walcott to Montebello Islands 18° 18'·0 S - 21° 30'·0 S 115º 21'·0 E - 117º 19'·5 E *Limited new edition to incorporate shipping fairway.*	1:300 000	Aus 5000	$35.00
Aus 745	7/9/2012	Australia - West Coast - Western Australia - North West Cape to Point Maud 21° 41'·2 S - 23° 08'·4 S 113º 13'·8 E - 114º 13'·2 E *Limited new edition to incorporate shipping fairway.*	1:150 000	Aus 5001	$35.00

New Electronic Navigation Chart (Aus ENC)

Cell Name	*Released*	*Title*	*Replaces Cell*
AU5044P0	September 2012	Western Australia - North West Shelf - Ashmore Reef	AU5XXX44
AU5064P1	September 2012	Western Australia - North West Shelf - Onslow	AU5X64P1
AU5607P2	September 2012	Indian Ocean - Cocos (Keeling) Islands - North Keeling Island	
AU5808P1	September 2012	New South Wales - South Coast - Bass Point	

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New Edition to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 328	Australia - North West Coast - Western Australia - Montebello Islands to North West Cape	1:300 000	21 September 2012
Aus 329	Australia - North West Coast - Western Australia - North West Cape to Point Cloates	1:300 000	21 September 2012
Aus 4723 (INT 723)	Australia - North West Coast - Java to North West Cape	1:1 500 000	21 September 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.

875 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2012
Australian Hydrographic Service (AA620389, AA620390, AA622368, AA622369))

Insert accompanying pages 338 - 339

Insert accompanying pages 352 - 353

Page 305
Amend Mean Time Difference for Eleonora Bay to +0023

876* AUSTRALIA - NEW SOUTH WALES - Cape St George - Depths
Geoscience Australia (DHDB 1793674)

Aus 193 [*423/2012*]

Insert	accompanying block	35º 11'.0 S	150º 45'.0 E

AX 00193T [*NE 9/8/2012*]

Insert	accompanying block	35º 11'.0 S	150º 45'.0 E

877* AUSTRALIA - QUEENSLAND - Brisbane River - Bulwer Island - Lights
Maritime Safety Queensland Notice 871/2012 (AA618537, AA621336)

Aus 236 [*835/2012*]

Amend	light to *Iso.Bu.4s 25m (F.Y Day)*	27º 24'.4 S	153º 08'.5 E
	light to *Q.Bu (F.Y Day)*	27º 23'.7 S	153º 09'.0 E

Aus 237 [*722/2012*]

Amend	light to *Iso.Bu.4s 25m (F.Y Day) No1R*	27º 24'.38 S	153º 08'.53 E
	light to *Q.Bu (F.Y Day) No1F*	27º 23'.68 S	153º 09'.02 E

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878* AUSTRALIA - QUEENSLAND - Irving Reef - Depth
LADS Flight (DHDB 2179018)

Aus 490 [*676/2012*]

Insert	depth, *1_8m,* enclosed by contour	23º 33'.29 S	151º 38'.09 E
Delete	depth, 3_5m	23º 32'.8 S	151º 38'.1 E

Aus 819 [*676/2012*]

Insert	depth, *1_8m,* enclosed by contour	23º 33'.29 S	151º 38'.09 E

Aus 4635 (INT 635) [*582/2012*]

Substitute	depth, *1_8m,* for depth, 3_5m	23º 33'.0 S	151º 38'.0 E

879* AUSTRALIA - QUEENSLAND - Gladstone - North Passage Island - Depth
Australian Hydrographic Service (AA620599, AA620600)

Aus 245 [*836/2012*]

Delete	depth, 2_7m	23º 45'.39 S	151º 10'.62 E

880* AUSTRALIA - QUEENSLAND - Lucinda - Navaids
Maritime Safety Queensland, Australian Hydrographic Service (AA40648, AA40649, AA41025, AA42444)

Aus 259 [*NC 10/8/2012*]

Insert	safe water cylindrical light buoy, *Iso.2s,* with topmark	18º 30'.60 S	146º 23'.24 E
Amend	light to *Iso.2s*	18º 31'.5 S	146º 19'.7 E
	legend to *Dir 143·8°*	18º 30'.5 S	146º 19'.0 E
Delete	light buoy	18º 30'.7 S	146º 23'.2 E

Aus 267 [*841/2012*]

Insert	safe water cylindrical light buoy, *Iso.2s,* with topmark	18º 30'.601 S	146º 23'.242 E
Move	beacon	18º 31'.42 S	146º 19'.69 E
	to	18º 31'.425 S	146º 19'.694 E
Amend	light to *Iso.2s*	18º 31'.45 S	146º 19'.72 E
	legend to *Dir 143·8°*	18º 30'.54 S	146º 19'.03 E
Delete	light buoy	18º 30'.62 S	146º 23'.22 E

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881* AUSTRALIA - QUEENSLAND - Thursday Island - Aplin Pass - Pipeline
Maritime Safety Queensland Notice 902/2012 (AA620950)

Aus 292 [*283/2012*]

Insert	supply pipeline with legend *Water,* between	10º 34'.26 S	142º 13'.23 E
		10º 34'.09 S	142º 13'.18 E
		10º 33'.56 S	142º 13'.30 E
		10º 33'.51 S	142º 13'.20 E

Aus 293 [*586/2012*]

Insert	supply pipeline with legend *Water,* between	10º 34'.26 S	142º 13'.23 E
		10º 34'.09 S	142º 13'.18 E
		10º 33'.56 S	142º 13'.30 E
		10º 33'.51 S	142º 13'.20 E

Aus 299 [*284/2012*]

Insert	supply pipeline with legend *Water,* between	10º 34'.255 S	142º 13'.234 E
		10º 34'.089 S	142º 13'.180 E
		10º 33'.558 S	142º 13'.300 E
		10º 33'.539 S	142º 13'.287 E
		10º 33'.508 S	142º 13'.198 E

882* AUSTRALIA - TORRES STRAIT - Unji Point to Varzin Passage - Chart limits; legends
Australian Hydrographic Service (AA618579)

Aus 376 [*842/2012*]

Insert	magenta limits, with legend *Aus 842* in SW corner, between	10º 33'.0 S	141º 00'.0 E
		10º 33'.0 S	141º 59'.4 E
		9º 00'.0 S	141º 59'.4 E
		9º 00'.0 S	141º 00'.0 E
		10º 33'.0 S	141º 00'.0 E

Aus 700 [*783/2012*]

Insert	magenta legend, *Adjoining Chart Aus 842* in N border	10º 17'.2 S	141º 32'.5 E

Aus 841 [*842/2012*]

Insert	magenta legend, *Adjoining Chart Aus 842* in W border	9º 42'.5 S	141º 54'.0 E

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883* AUSTRALIA - NORTHERN TERRITORY - Darwin - Elizabeth River to Gunn Point - Light buoys
Former Notice - 655(T)/2012 is cancelled
Darwin Port Corporation Notice 93(T)/2012 (AA619922, AA620928 - AA620932)

Aus 20 [*785/2012*]

Insert	special conical light buoy, *Fl.Y.5s,* without topmark	12º 10'.65 S	130º 58'.99 E
Delete	depth, 5_5m	12º 10'.6 S	130º 59'.0 E

Aus 26 [*678/2012*]

Insert	special conical light buoy, *Fl.Y.5s,* without topmark	12º 32'.37 S	130º 58'.43 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 28'.20 S	130º 46'.08 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 26'.16 S	130º 46'.22 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 23'.98 S	130º 41'.36 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 23'.34 S	130º 39'.82 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 19'.08 S	130º 54'.77 E

Aus 28 [*678/2012*]

Insert	special conical light buoy, *Fl.Y.5s,* without topmark	12º 29'.783 S	130º 53'.082 E

Aus 29 [*705/2009*]

Insert	special conical light buoy, *Fl.Y.5s,* without topmark	12º 23'.34 S	130º 39'.82 E

AX 72026 [*678/2012*]

Insert	special conical light buoy, *Fl.Y.5s,* without topmark	12º 32'.37 S	130º 58'.43 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 28'.20 S	130º 46'.08 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 26'.16 S	130º 46'.22 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 23'.98 S	130º 41'.36 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 23'.34 S	130º 39'.82 E
	special conical light buoy, *Fl.Y.5s,* without topmark	12º 19'.08 S	130º 54'.77 E

884* AUSTRALIA - WESTERN AUSTRALIA - Prince Frederick Harbour to Port Nelson - Marine farms
Department of Fisheries WA (DHDB 2112923)

Aus 37 [*1186/2011*]

Delete	marine farm, centred on	14º 56'.7 S	124º 54'.3 E
	marine farm, centred on	15º 01'.0 S	124º 59'.5 E

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885* AUSTRALIA - WESTERN AUSTRALIA - Beagle Bay to Lagrange Bay - Marine farms
Department of Fisheries WA (DHDB 2112923)

Aus 49 (plan, LaGrange Bay) [*NC 20/11/2009*]

Insert	dashed line and marine farm symbol with legend *(see Note),* between	18º 34'.45 S	121º 37'.30 E
		18º 34'.45 S	121º 38'.66 E
		18º 33'.15 S	121º 38'.67 E
		18º 33'.14 S	121º 37'.31 E
		18º 34'.45 S	121º 37'.30 E
	dashed line and marine farm symbol with legend *(see Note),* between	18º 33'.00 S	121º 40'.00 E
		18º 33'.01 S	121º 41'.21 E
		18º 32'.01 S	121º 41'.21 E
		18º 32'.01 S	121º 40'.00 E
		18º 33'.00 S	121º 40'.00 E
	dashed line and marine farm symbol with legend *(see Note),* between	18º 43'.22 S	121º 34'.58 E
		18º 43'.22 S	121º 35'.28 E
		18º 42'.02 S	121º 35'.28 E
		18º 41'.32 S	121º 35'.78 E
		18º 39'.92 S	121º 37'.28 E
		18º 39'.32 S	121º 36'.38 E
		18º 40'.72 S	121º 34'.88 E
		18º 40'.92 S	121º 35'.28 E
		18º 42'.02 S	121º 34'.58 E
		18º 43'.22 S	121º 34'.58 E

Aus 49 (plan, Beagle Bay)

Insert	dashed line and marine farm symbol with legend *(see Note),* between	16º 53'.77 S	122º 29'.51 E
		16º 53'.53 S	122º 29'.70 E
		16º 54'.07 S	122º 30'.46 E
		16º 54'.37 S	122º 30'.23 E
		16º 53'.77 S	122º 29'.51 E

886* AUSTRALIA - WESTERN AUSTRALIA - Port Walcott - Light beacons
Rio Tinto (AA618763 - AA618765)

Aus 55 [*787/2012*]

Delete	light beacon	20º 35'.7 S	117º 10'.2 E

Aus 56 [*1247/2011*]

Delete	light beacon	20º 35'.65 S	117º 10'.17 E
	light beacon	20º 35'.66 S	117º 10'.16 E

887* AUSTRALIA - WESTERN AUSTRALIA - Dampier - Light beacon
K Lamplugh (AA619166)

Aus 58 [*590/2012*]

Move	light beacon	20º 36'.23 S	116º 42'.91 E
	to	20º 36'.151 S	116º 42'.982 E

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888* AUSTRALIA - WESTERN AUSTRALIA - North West Coast - Shipping fairway; chart notes; legends
Australian Maritime Safety Authority (AA613296, AA613297)

Aus 4725 (INT 725) [*788/2012*]

Insert	accompanying block	22º 00'.0 S	114º 00'.0 E
	accompanying note	25º 12'.0 S	115º 25'.0 E
Amend	legend to *Fisheries (see Note)*	24º 54'.0 S	112º 48'.0 E
	legend to *Fisheries (see Note)*	27º 23'.0 S	113º 30'.0 E
	legend to *Fisheries (see Note)*	30º 09'.0 S	114º 38'.0 E
	legend to *Fisheries (see Note)*	32º 58'.0 S	115º 03'.0 E
Substitute	accompanying note for RLF	24º 56'.0 S	114º 35'.0 E

889* AUSTRALIA - WESTERN AUSTRALIA - Fremantle to Kwinana - Maintained depths; chart information; tidal panel
Fremantle Port Authority, Australian Hydrographic Service (AA620022)

Aus 112 [*684/2012*]

Insert	accompanying block A	31º 54'.4 S	115º 47'.8 E
	accompanying block B	31º 57'.7 S	115º 48'.0 E

Aus 113 [*288/2012*]

Insert	accompanying block	32º 03'.7 S	115º 45'.4 E
Substitute	HAT value *1·4* for 1·3	32º 04'.14 S	115º 45'.41 E

Aus 114 [*494/2012*]

Insert	accompanying block	32º 13'.3 S	115º 46'.6 E
Amend	legend to *Maintained depth 14·7m*	32º 08'.06 S	115º 42'.20 E
	legend to *Maintained depth 9·9m*	32º 09'.53 S	115º 45'.70 E
	legend to *Maintained depth 9·9m*	32º 10'.64 S	115º 45'.85 E
	legend to *Maintained depth 11·5m*	32º 11'.78 S	115º 45'.80 E
	legend to *12·1m*	32º 12'.66 S	115º 45'.74 E
	legend to *11·5m*	32º 12'.50 S	115º 45'.44 E
	legend to *Maintained depth 11·6m*	32º 12'.30 S	115º 44'.84 E

Aus 117 [*728/2012*]

Insert	accompanying block A	32º 10'.9 S	115º 38'.0 E
	accompanying block B	32º 16'.9 S	115º 43'.3 E
Amend	legend to *Maintained depth 14·7m*	32º 04'.84 S	115º 41'.52 E
	legend to *Maintained depth 14·7m*	32º 07'.42 S	115º 42'.11 E
	legend to *9·9m*	32º 09'.57 S	115º 45'.77 E
	legend to *Maintained depth 9·9m*	32º 10'.63 S	115º 45'.84 E
	legend to *11·5m*	32º 12'.50 S	115º 45'.46 E
	legend to *Maintained depth 11·5m*	32º 11'.72 S	115º 45'.83 E
	legend to *12·1m*	32º 12'.66 S	115º 45'.72 E
	legend to *Maintained depth 11·6m*	32º 12'.30 S	115º 44'.87 E

AX 63112 [*684/2012*]

Insert	accompanying block A	31º 54'.4 S	115º 47'.8 E
	accompanying block B	31º 57'.7 S	115º 48'.0 E

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889* AUSTRALIA - WESTERN AUSTRALIA - Fremantle to Kwinana - Maintained depths; chart information; tidal panel *(continued)*

AX 00117T [*NE 10/8/2012*]

Insert	accompanying block A	32º 10'.9 S	115º 38'.0 E
	accompanying block B	32º 16'.9 S	115º 43'.3 E
Amend	legend to *Maintained depth 14·7m*	32º 04'.84 S	115º 41'.52 E
	legend to *Maintained depth 14·7m*	32º 07'.42 S	115º 42'.11 E
	legend to *9·9m*	32º 09'.57 S	115º 45'.77 E
	legend to *Maintained depth 9·9m*	32º 10'.63 S	115º 45'.84 E
	legend to *Maintained depth 11·6m*	32º 12'.30 S	115º 44'.87 E
	legend to *11·5m*	32º 12'.50 S	115º 45'.46 E
	legend to *Maintained depth 11·5m*	32º 11'.72 S	115º 45'.83 E
	legend to *12·1m*	32º 12'.66 S	115º 45'.72 E

890* AUSTRALIA - WESTERN AUSTRALIA - Naturaliste Reefs - Marine farm
Department of Fisheries (AA620062)

Aus 335 [*NE 2/7/2010*]

Delete	marine farm, centred on	33º 07'.0 S	115º 00'.0 E
	note MARINE FARMS, centred on	33º 59'.0 S	115º 56'.0 E

891* AUSTRALIA - SOUTH AUSTRALIA - Lucky Bay - Depth southwards
HydroSurvey Australia, Australian Hydrographic Service (AA620958, AA620959)

Aus 777 [*NC 27/1/2012*]

Insert	depth, *17m*	33º 47'.97 S	137º 02'.94 E
Delete	depth, 15_4m	33º 47'.6 S	137º 03'.1 E

892* AUSTRALIA - VICTORIA - Port Phillip - Swan Point to Half Moon Bay - Historic wrecks
Australian Hydrographic Service (AA214382, AA458870, AA458873)

Aus 143 [*848/2012*]

Insert	magenta legend, *Historic Wk (see Note),* centred on	38º 14'.6 S	144º 42'.2 E
	stranded wreck with magenta legend, *Historic Wk (see Note)*	38º 14'.33 S	144º 43'.87 E
	depth, *3_6m,* enclosed by danger circle with magenta legend, *Historic Wk (see Note)*	38º 13'.47 S	144º 44'.12 E
	stranded wreck with magenta legend, *Historic Wk (see Note)*	38º 08'.35 S	144º 42'.82 E
Move	beacon	38º 08'.3 S	144º 42'.7 E
	to	38º 08'.33 S	144º 42'.99 E
Delete	wreck	38º 14'.1 S	144º 43'.9 E
	depth, 0_3m	38º 14'.3 S	144º 43'.8 E
	depth, 3_6m, enclosed by danger circle with legend, Wk	38º 13'.3 S	144º 44'.2 E

Aus 157 [*794/2012*]

Insert	magenta legend *Historic Wk (see Note),* centred on	38º 08'.418 S	144º 42'.985 E

I

892* AUSTRALIA - VICTORIA - Port Phillip - Swan Point to Half Moon Bay - Historic wrecks *(continued)*

Aus 158 [*848/2012*]

Insert	magenta legend *Historic Wk (see Note),* centred on	38º 14'.73 S	144º 42'.30 E
	magenta legend *Historic Wk (see Note),* centred on	38º 14'.31 S	144º 44'.03 E
	depth, *3$_6$m,* enclosed by danger circle with magenta legend, *Historic Wk (see Note)*	38º 13'.472 S	144º 44'.117 E
Delete	depth, 3$_6$m, enclosed by danger circle with legend, Wk	38º 13'.39 S	144º 44'.19 E

893* AUSTRALIA - VICTORIA - Port Phillip - Point Richards Channel - AIS

Victorian Notice 115/2012 (AA619800)

Aus 143 [*892/2012*]

Insert	magenta circle, with legend *AIS,* at light beacon	38º 04'.95 S	144º 39'.94 E

Aus 157 [*892/2012*]

Insert	magenta circle, with legend *AIS,* at light beacon	38º 04'.954 S	144º 39'.941 E

894* AUSTRALIA - VICTORIA - Corner Inlet - Franklin Channel - Light buoys

Former Notice - 1293(T)/2011 is cancelled

Gippsland Ports (AA621283), Victorian Notice 76/2012 (AA592036)

Aus 181 [*735/2012*]

Delete	light buoy	38º 45'.7 S	146º 26'.3 E
	light buoy	38º 45'.8 S	146º 25'.2 E
	light buoy	38º 45'.6 S	146º 22'.7 E
	light buoy	38º 46'.0 S	146º 22'.7 E
	light buoy	38º 45'.5 S	146º 24'.7 E

895* AUSTRALIA - VICTORIA - Cape Conran - Well southwards

Former Notice - 83(T)/2012 is cancelled

Roc Oil Company (AA616852, AA616853)

Aus 357 [*109/2012*]

Insert	accompanying block	38º 23'.0 S	148º 37'.0 E

Aus 487 [*595/2012*]

Insert	accompanying block	38º 20'.0 S	148º 37'.0 E

Aus 4644 (INT 644) [*595/2012*]

Insert	danger circle with legend, *Well*	38º 19'.2 S	148º 44'.1 E
Delete	lit FPSO with legend Basker - Manta	38º 17'.0 S	148º 41'.0 E

I

896(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information
Former Notice - 851(T)/2012 is cancelled
Brisbane Port Corporation (AA622360)

Available depths and under keel clearances (UKC) at 4 September 2012:

	Berth	*Metres*	*Remarks*
	Fisherman Islands No10	14.1	
	Fisherman Islands No9	14.0	
	Fisherman Islands No8	14.1	
*	Fisherman Islands No7	14.2	
	Fisherman Islands No6	14.0	
*	Fisherman Islands No5	14.1	
*	Fisherman Islands No4	14.0	
	Fisherman Islands No3	14.1	
	Fisherman Islands No2	14.1	
	Fisherman Islands No1	14.0	
	Fisherman Islands Grain and Woodchip	13.4	
	Caltex Fisherman Islands	14.6	
	Fisherman Islands Coal	13.8	
*	Fisherman Islands General Purpose	11.6	
	BP Luggage Point	14.4	
	Caltex Products	10.1	
	Cement Australia Co Wharf	9.7	
	BP Products	11.0	
	Shell	11.0	
	Pacific Terminals	10.7	
*	Incitec North	10.0	
	Incitec South	10.5	
	Pinkenba 1	10.4	
	Pinkenba 2	10.4	
	Riverside Marina	-	
	Sugar Terminal	9.8	
	Cairncross Fitting Out Wharf	8.5	
	Cairncross Breasting Wharf	6.6	
*	Brisbane Naval Wharf	4.3	
*	Maritime No1	9.1	
*	Hamilton No4	10.0	
*	Hamilton No1	8.8	
	Brisbane Cruise Ship Terminal	9.0	

	Metres	*UKC/Remarks*
Moreton Bay :		
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	6.0	1.4
East Channel	15.0	1.5 (300m width from western side)
Main Channel (M8 - M9)	10.0	1.8
Entrance Channel (E5 - EBCN)	14.7	1.5
Brisbane River :		
Entrance Beacons and Inner Bar Cutting	14.0	1.46
Entrance Beacons and Outer Bar Cutting	14.0	1.46
Fisherman Islands Swing Basin	14.0	1.3
Pelican Banks Reach to Hamilton Reach	9.1	0.6 / 0.9 (draft/tide)
Cement Australia Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Pinkenba Swing Basin	9.1	0.6 / 0.9 (draft/tide)
Hamilton Swing Basin	9.1	0.6 / 0.9 (draft/tide)

* Indicates new or revised entry.

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

I

897(T)/2012 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations
Former Notice - 852(T)/2012 is cancelled
Maritime Safety Queensland Notices 905(T)/2012, 906(T)/2012 (AA621708, AA621709)

Shoaling with a least depth of *3.3m* exists within the main channel to Mooloolah River. Shoaling with a least depth of *1.6m* exists adjacent to the end of the eastern breakwater. A shoal, with a least depth of *2.9m,* exists near the channel's centre line in the vicinity of position 26° 40'.81 S 153° 07'.98 E. A shoal, with a least depth of *1.4m,* exists in position 26° 40'.85 S 153° 07'.82 E.

The dredge *Saibai* is conducting dredging operations in the area. A floating pipeline exists from the dredge to the western breakwater. The dredge will display appropriate lights and shapes and will monitor VHF Ch 12, 16 and 73.

A shoal, with a least depth of *1.1m,* exists between No5 light beacon (26° 40'.92 S 153° 08'.09 E) and No7 light beacon (26° 41'.07 S 153° 08'.09 E) in the vicinity of position 26° 40'.99 S 153° 08'.09 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 235

898(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Obstruction removed
Former Notice - 651(T)/2011 is cancelled
Maritime Safety Queensland Notice 924/2012 (AA622581)

Cancel this notice on receipt.

Chart formerly affected – Aus 819

899(T)/2012 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed
Former Notice - 855(T)/2012 is cancelled
Maritime Safety Queensland Notice 759(T)/2011 (AA613500)

Cancel this notice on receipt.

Chart formerly affected – Aus 260 – Aus 367 – Aus 822 – AX 00260S – AX 00260T – AX 00367S – AX 00822S

900(T)/2012 AUSTRALIA - QUEENSLAND - Hay Point - Diving operations
Former Notice - 651(T)/2012 is cancelled
Date - Until 22 December 2012
Maritime Safety Queensland Notice 912(T)/2012 (AA621726)

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

MV *Shadows* and barges *Clam* or *Shadowplay* are 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 – AX 00249S

I

901(T)/2012 AUSTRALIA - QUEENSLAND - Townsville - Depth information
Former Notice - 807(T)/2012 is cancelled
Maritime Safety Queensland Notices 804(T)/2012, 920(T)/2012 (AA615852, AA621753)

Available depths as at 31 August 2012:

	Metres	*Remarks*
* Sea Channel	11.7	
* Platypus Channel	11.6	
Outer Harbour:		
Arrival Channel	7.0	
Departure Channel	10.9	
Inner Harbour:		
Harbour	11.7	
Berths:		
* No 1	11.9	
* No 2	12.0	(550 to 770 mark)
* No 2	11.7	(770 to 790 mark)
* No 3	11.9	
No 4	10.2	
No 7	10.3	
Between No 7 and No 8	9.8	Seaward of 0 mark at No 7
No 8	-	Works in progress
* No 9	11.6	
Between No 9 and No 10	10.0	Seaward of 0 mark at No 10
No 10	-	Works in progress
* No 11	11.3	
Ross River Channel	1.7	Shoaling with least depth 1.2m exists at the southern and southeastern extremity of the Marine Precinct Turning Basin.
Ross River	-	No declared depth
Ross Creek	1.9	From Reef HQ to swing basin

* Indicates revised entry.

Chart temporarily affected – Aus 256 – Aus 257

902(T)/2012 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations
Date - Until 22 September 2012
Maritime Safety Queensland Notice 922(T)/2012 (AA622032)

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

903(T)/2012 PAPUA NEW GUINEA - Dana Gedu Reef - Light beacon unlit
National Maritime Safety Authority PNG Notice 34(T)/2012 (AA621721)

The light beacon, *Oc.R.4s 5m 4M* (10° 18'.75 S 150° 51'.66 E), is unlit.

Chart temporarily affected – Aus 508 – Aus 628

I

904(T)/2012 PAPUA NEW GUINEA - Lae - Dredging operations
Date - Until 31 January 2014
PNG Ports Corporation Ltd (AA622596 - AA622602)

Dredges *Tianji* and *Jinhangjun 406* and support vessels are conducting dredging operations associated with the new harbour development in an area bounded by the following:

Position	*Remarks*
6° 43'.81 S 146° 58'.15 E	
6° 43'.57 S 146° 58'.83 E	
6° 44'.21 S 146° 58'.84 E	
6° 44'.24 S 146° 58'.92 E	
6° 44'.53 S 146° 58'.86 E	special pillar light buoy, *Q.Y*
6° 44'.83 S 146° 59'.06 E	special pillar light buoy, *Q.Y*
6° 44'.83 S 146° 58'.51 E	special pillar light buoy, *Q.Y*
6° 44'.35 S 146° 58'.56 E.	

An exclusion zone exists within this area.

A lit floating pipeline exists between positions 6° 44'.54 S 146° 58'.84 E and 6° 44'.22 S 146° 58'.69 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 643

905(P)/2012 AUSTRALIA - TORRES STRAIT - Goods Island - AIS trial
Date - On or about 14 December 2012
Australian Maritime Safety Authority Auscoast Warning 234/2012 (AA621328)

An AIS unit MMSI 995031023 has been established at the light, *Fl.2·5s 105m 14M* (10° 33'.91 S 142° 09'.13 E).

Chart which will be affected – Aus 292 – Aus 293 – Aus 296 – Aus 299 – Aus 376 – Aus 700

906(T)/2012 AUSTRALIA - QUEENSLAND - Seisia - Red Island Point - Harbour works
Date - Until 31 October 2012
Maritime Safety Queensland Notice 919(T)/2012 (AA621768)

Works are in progress at Seisia jetty and barge ramp (10° 50'.79 S 142° 21'.94 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 294

907(T)/2012 AUSTRALIA - QUEENSLAND - Weipa - Dredging operations completed
Former Notice - 708(T)/2012 is cancelled
Maritime Safety Queensland Notice 711(T)/2012 (AA611642)

Cancel this notice on receipt.

Chart formerly affected – Aus 4

I

908(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Blaydin Point - Harbour works; dredging operations
Former Notice - 815(T)/2012 is cancelled
Date - Until 31 January 2014
Darwin Port Corporation Notices 85(T)/2012, 101(T)/2012 (AA616576, AA621847)

Works associated with the construction of the module offloading facility are in progress between the shore (12° 30'.77 S 130° 55'.47 E) and position 12° 30'.77 S 130° 55'.65 E.

All construction activity will be marked by flashing yellow lights.

The dredge *Hippopotes* and support vessels are conducting dredging operations in the area. A 250m radius safety zone exists around the dredge.

Mariners are advised to navigate with caution in the area.

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

909(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - East Arm - Preston Point - Drilling operations completed
Former Notice - 709(T)/2012 is cancelled
Darwin Port Corporation (AA622685)

Cancel this notice on receipt.

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

910(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Darwin - Cossack Creek - Obstruction
Darwin Port Corporation Notice 103/2012 (AA622006)

An obstruction exists in position 12° 31'.37 S 130 54'.08 E.

Chart temporarily affected – Aus 28

911(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Elizabeth River - Drilling operations completed
Former Notice - 517(T)/2012 is cancelled
Darwin Port Corporation (AA622685)

Cancel this notice on receipt.

Chart formerly affected – Aus 26 – Aus 28

912(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - James Price Point - Drilling operations completed
Former Notice - 519(T)/2012 is cancelled
Department of Transport WA (AA622896)

Cancel this notice on receipt.

Chart formerly affected – Aus 324

I

913(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depth information
Former Notice - 659(T)/2012 is cancelled
Dampier Port Authority Notice 20/2012 (AA621769)

Available depths as at 31 August 2012:

		Metres	*Remarks*
	East Intercourse Island	19.1	
	East Intercourse Island Layby berth	19.4	
	Parker Point berth 2	18.7	
	Parker Point berth 3	18.8	
	Parker Point berth 4	19.5	
	Parker Point berth 5	19.4	
	Service Wharf	6.7	
	Mermaid Marine Supply Base Outer Channel	5.4	
	Mermaid Marine Supply Base Inner Channel	3.0	
	Berthing pocket	7.2	
*	Dampier Cargo Wharf	9.0	Western side
*	Facilities Channel	9.0	Between positions 20° 36'.52 E 116° 44'.63 E and 20° 36'.74 E 116° 44'.90 E.

*Indicates new or revised entry.

Chart temporarily affected – Aus 58 – Aus 59 – Aus 60

914(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Harbour works
Dampier Port Authority Notice 19/2012 (AA621896)

Works are in progress at Dampier Cargo Wharf and Small Craft Landing (20° 36'.80 S 116° 44'.93 E). The Small Craft Landing will be closed during the works.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 58 – Aus 59

915(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier - Scientific instruments recovered
Former Notice - 128(T)/2012 is cancelled
Dampier Port Authority (AA621895)

Cancel this notice on receipt.

Chart formerly affected – Aus 58 – Aus 59 – Aus 60

916(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Drill rig northwestwards
Former Notice - 822(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 232/2012 (AA620362)

Drill rig *ENSCO 104* is conducting drilling operations in position 20° 17'.01 S 116° 16'.30 E.

Chart temporarily affected – Aus 327 – Aus 742

I

917(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands to Barrow Island - Lit mooring buoys
Former Notice - 390(T)/2011 is cancelled
Chevron Australia Pty Ltd (AA622588 - AA622594)

Lit yellow mooring buoys, *Fl.Y.10s,* exist in positions:

21° 05'.94 S 115° 30'.83 E	21° 02'.44 S 115° 29'.06 E
20° 57'.75 S 115° 28'.07 E	20° 54'.09 S 115° 27'.74 E
20° 51'.62 S 115° 31'.96 E	20° 51'.56 S 115° 29'.54 E
20° 49'.85 S 115° 30'.40 E	20° 47'.36 S 115° 30'.34 E
20° 47'.01 S 115° 29'.80 E	20° 44'.16 S 115° 29'.06 E
20° 44'.00 S 115° 29'.16 E	20° 33'.34 S 115° 34'.33 E
20° 30'.47 S 115° 33'.86 E.	

Chart temporarily affected – Aus 61 – Aus 62 – Aus 63 – Aus 742 – Aus 743

918(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards
Former Notice - 468(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 230/2012 (AA620365)

Drill rig *Deepwater Frontier* is conducting drilling operations in position 19° 48'.0 S 114° 39'.0 E.

Chart temporarily affected – Aus 328 – Aus 4723 (INT 723) – AX 04723U

919(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards
Former Notice - 616(T)/2012 is cancelled
Australian Maritime Safety Authority Auscoast Warning 233/2012 (AA620360), Chevron Australia Pty Ltd (AA622024)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 29'.91 S 114° 49'.50 E.

Chart temporarily affected – Aus 328 – Aus 4723 (INT 723) – Aus 4725 (INT 725) – AX 04723U

920(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Seismic survey
Date - Until 21 October 2012
NT Shipping (AA622087), TGS-NOPEC (AA621826)

MV *Ramform Sterling,* with a 6000m towed array, and support vessel MV *Pacific Crest* are conducting a survey in the area bounded by the following positions:
19° 39'.8 S 112° 58'.3 E
19° 39'.2 S 113° 41'.5 E
20° 17'.1 S 113° 42'.5 E
20° 17'.7 S 112° 59'.0 E.

Chart temporarily affected – Aus 329 – Aus 4723 (INT 723) – AX 04723U

921(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Scientific instrument
Date - Until 28 September 2012
Department of Transport WA (AA622900)

A special light buoy, *Fl(5)Y.20s,* exists in position 21° 33'.36 S 114° 25'.88 E.

Chart temporarily affected – Aus 328 – Aus 329 – Aus 744

922(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Bunbury - Light beacon restored
Former Notice - 493(T)/2011 is cancelled
Bunbury Port Authority (AA622612)

Cancel this notice on receipt.

Chart formerly affected – Aus 115

I

923(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Swanson Dock - Harbour Works completed
Former Notice - 578(T)/2012 is cancelled
Victorian Notice 120/2012 (AA623116)

Cancel this notice on receipt.

Chart formerly affected – Aus 154

924(T)/2012 AUSTRALIA - VICTORIA - Port Phillip - Patterson River - Shoaling
Victorian Notice 118(T)/2012 (AA622014)

Shoaling, with a least depth *0.5m,* exists within the entrance to Patterson River (38° 04'.41 S 145° 07'.17 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 143

II

HYDROGRAPHIC REPORTS

Nil Reports

NAVIGATION WARNINGS

The following radio messages have been received during the period to 7 September 2012. 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

230 Drill rig *Deepwater Frontier* in position 19º 48'·0 S 114º 39'·0 E. 2·5M clearance requested.
231 Cancelled.
232 Drill rig *ENSCO 104* in position 20º 17'·01 S 116º 16'·30 E. 2·5M clearance requested.
233 Drill rig *Atwood Osprey* in position 20º 29'·90 S 114º 49'·48 E. 2·5M clearance requested.
234 AIS aid to navigation MMSI No 995031023 established at Goods Island rear lead light 10º 33'·91 S 142º 09'·13 E.
235 Cancelled.
236 Cancelled.
237 Cancelled.
238 Cancelled.
239 Cancelled.
240 Cancelled.
241 Special purpose vessel Ramform Sterling conducting seismic survey in an area bounded by 19º 39'·2 S to 20º 17'·7 S and 112º 58'·3 E to 113º 42'·5 S. 6M clearance requested.
242 Horn Island DGPS station ALRS Vol(2) 10º 35'·52 S 142º 16'·48 temporarily discontinued.

NAVAREA X WARNINGS

028 Indian Ocean chart Aus 4071. 10m Sri Lankan fishing vessel abandoned and adrift in position 10º 53'·0 S 95º 24'·0 E at 050500 UTC Sep 2012.
029 Some ECDIS units may exhibit display and operational anomalies. Identified anomalies, their characteristics and remedial advice are provided in IMO SN.1/CIRC.312 available at: http://www.imo.org/ourwork/circulars/pages/imodocs.aspx (registration required). Mariners are reminded that they should access the International Hydrographic Organization (IHO) Data Presentation and Performance Check (DPPC) dataset and ensure that all installed ECDIS units are checked. Ships should report anomalies to their flag state with sufficient detail on the ECDIS equipment and ENCs, to allow analysis.

Navigational warnings in force as at 070001UTC SEP 12.

Auscoast
2012 166 170 188 202 210 211 213 226 228 230 232 233 234 241 242

Navarea X
2012 014 027 028 029

Summary of mobile drilling rigs as at 070001UTC SEP 12.

Name	*Position*
Ensco 109	10º 29'·15 S 128º 56'·90 E
Transocean Legend	13º 39'·24 S 122º 17'·52 E
Jack Bates	13º 35'·10 S 122º 30'·00 E
Nan Hai 6	19º 14'·77 S 116º 47'·73 E
Ocean America	19º 42'·40 S 115º 52'·50 E
Ensco 104	20º 17'·01 S 116º 16'·30 E
Atwood Falcon	20º 01'·82 S 115º 12'·11 E
Atwood Osprey	20º 29'·90 S 114º 49'·48 E
Deepwater Frontier	19º 48'·00 S 114º 39'·00 E
Atwood Eagle	20º 23'·73 S 114º 21'·05 E
Stena Clyde	39º 06'·50 S 142º 57'·01 E

NAVAREA XIV WARNINGS

067 Cancelled.
068 Cancelled.
069 Cancelled.
070 Cancelled.
071 Cancelled.
072 Cancelled.
073 Cancelled.
074 There are currently no warnings issued for NAVAREA XIV.

Navarea XIV warnings in force as at 070001UTC SEP 12.

074

58563	**COLLETTE REEF** 11° 14′ S, 143° 21′ E -1000 UNK	1.60	**0.687** **312.0**	**0.390** **291.8**	**0.344** **201.2**	**0.167** **163.8**			0.023 52.2	0.014 166.8		
58573	**SHADWELL REEF** 11° 27′ S, 143° 46′ E -1000 UNK	1.30	**0.535** **295.5**	**0.285** **270.2**	**0.302** **197.2**	**0.154** **161.0**			0.021 59.2	0.012 152.8		

58563	0.023	0.103	0.199		0.109	0.025		0.037		0.016	0.015	0.005	HYDRO 2010
	141.1	196.7	299.1		285.5	226.9		234.8		157.9	249.4	316.4	
58573	0.021	0.090	0.155		0.080	0.011		0.035		0.005	0.012	0.005	HYDRO 2010
	140.6	192.7	280.9		263.9	212.1		210.9		218.6	263.2	158.5	

56175	**ELEONORA BAY** 5° 33′ S, 149° 44′ E -1000 0.0	0.71	**0.059** **196.0**	**0.064** **114.6**	**0.245** **206.8**	**0.147** **181.9**				0.049 66.4		

56175	0.027	0.081	0.043		0.018					0.003	0.002	0.001	HYDRO 1980
	165.8	206.0	177.0		115.4					51.1	124.5	357.7	

To accompany Australian Notice to Mariners 888/2012

SHIPPING FAIRWAY

Use of the Shipping Fairway is not mandatory, but strongly recommended. The International Regulations for Preventing Collisions at Sea 1972 apply to all vessels navigating within or outside the Shipping Fairway. Use of the fairway does not give vessels any special right of way.

Note for chart Aus 4725 (INT 725).

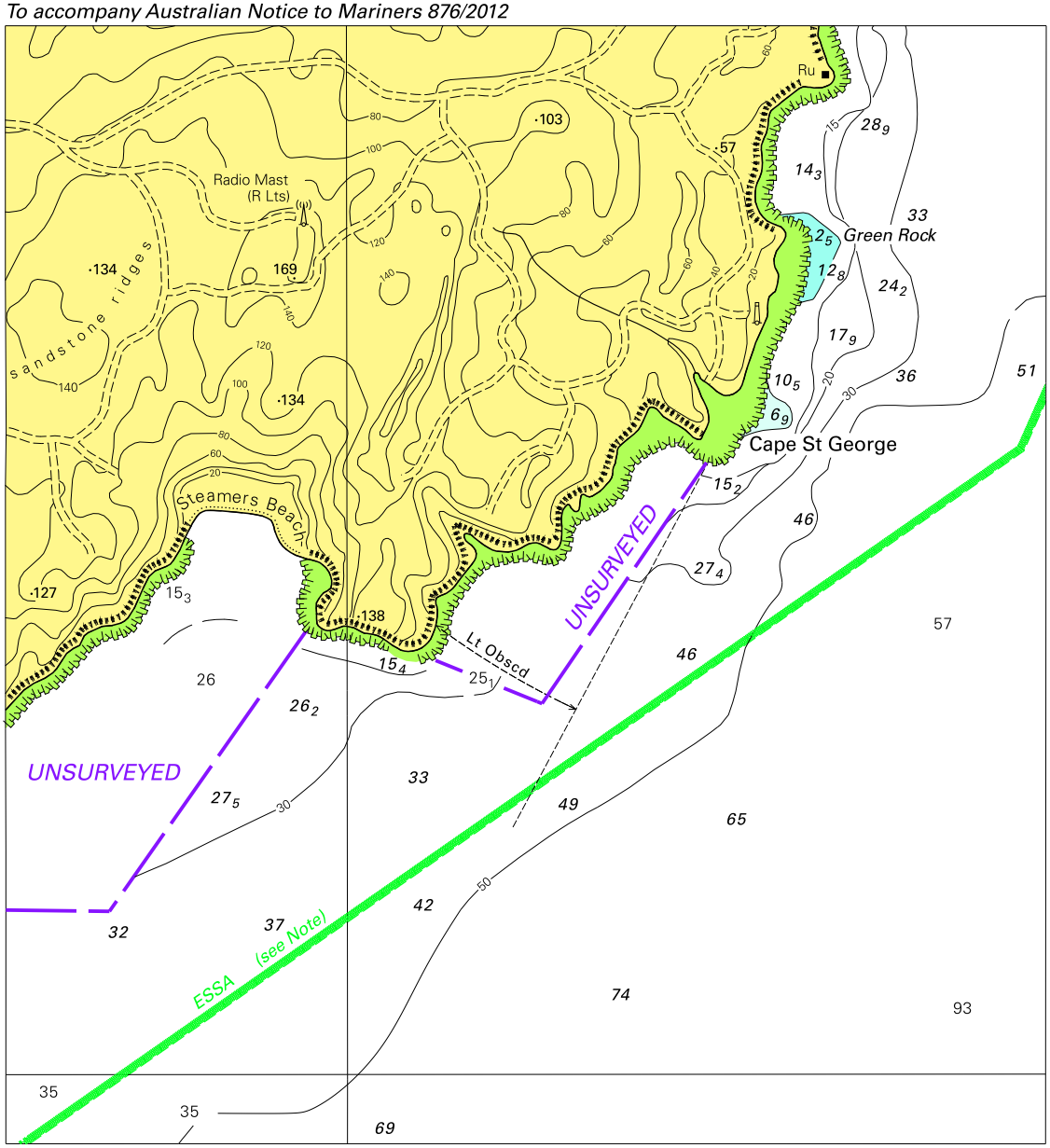
To accompany Australian Notice to Mariners 888/2012

FISHERIES

Extensive commercial fishing activities take place at certain times in the waters adjacent to the coast. Floating buoys and their associated moorings should be avoided.

Note for chart Aus 4725 (INT 725).

To accompany Australian Notice to Mariners 876/2012

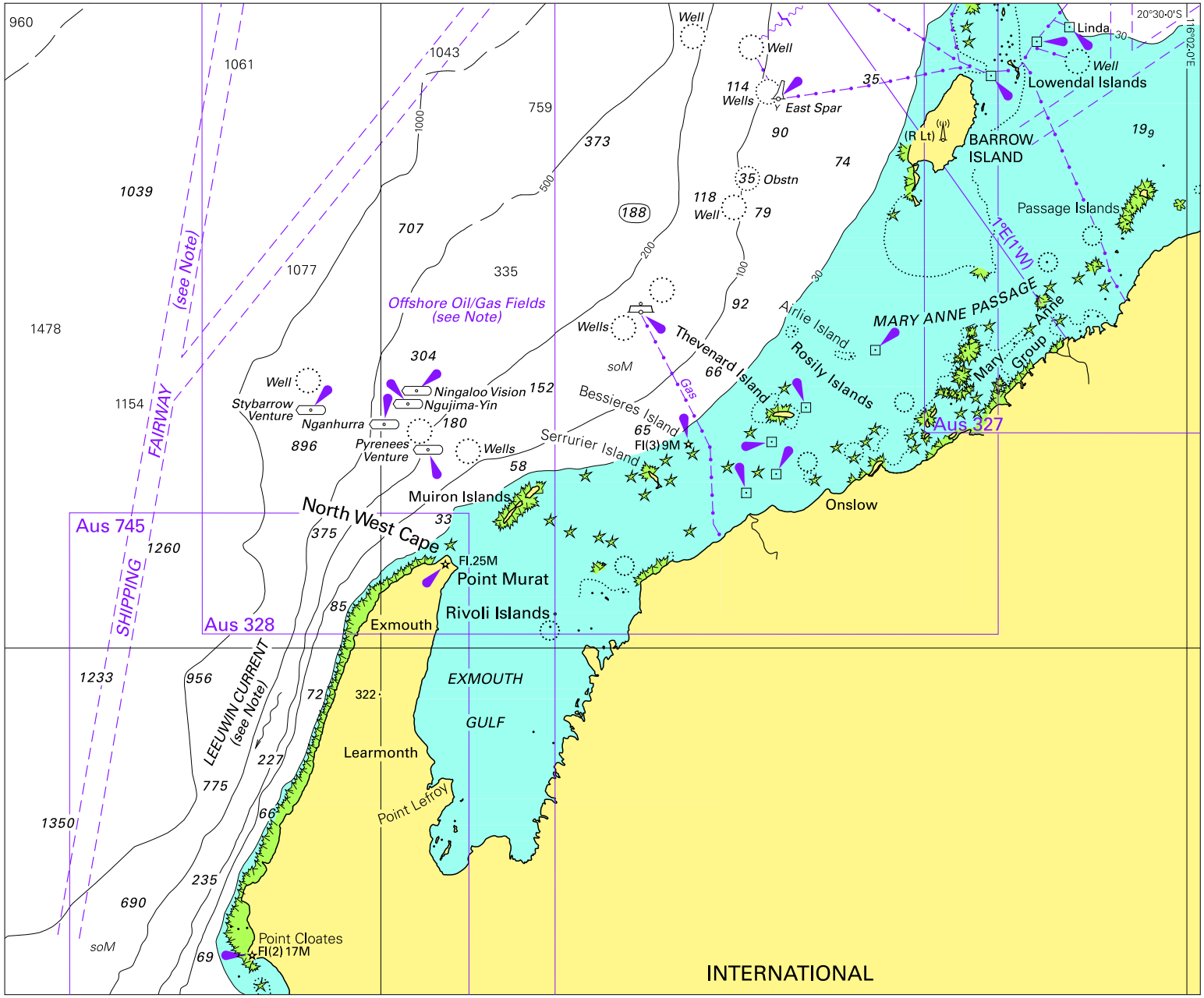


Block for chart Aus 193

© Commonwealth of Australia 2012

(147·5 x 158·6mm)

To accompany Australian Notice to Mariners 888/2012



Block for chart Aus 4725

© Commonwealth of Australia 2012

(202·8 x 168·2mm)

To accompany Australian Notice to Mariners 889/2012

Depths are in metres and are reduced to Port Datum, which has been adopted as Lowest Astronomical Tide. Depths shown in upright figures are from old or inadequate surveys.
Heights are in metres. Underlined figures are drying heights in metres and decimetres above Chart Datum; overhead clearance heights are above Highest Astronomical Tide; all other heights are above Mean Higher High Water.
Positions are related to the World Geodetic System 1984 Datum; (see SATELLITE DERIVED POSITIONS Note).
Navigational marks: IALA Maritime Buoyage System - Region A (Red to Port).
Projection: Transverse Mercator.
Acknowledgements: Fremantle Port Authority, Department of Transport Western Australia.

Block A for chart Aus 112

© Commonwealth of Australia 2012

(142·8 x 49·9mm)

To accompany Australian Notice to Mariners 889/2012

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	MHHW	MLHW	MSL	MHLW	MLLW
Fremantle	32° 03'	115° 44'	1·4	1·1	1·0	0·8	0·5	0·4

THOMAS

Kings Park

Block B for chart Aus 112

© Commonwealth of Australia 2012

(155·9 x 22·8mm)

To accompany Australian Notice to Mariners 889/2012

Depths are in metres and are reduced to Port Datum, which has been adopted as Lowest Astronomical Tide. Depths shown in upright figures are from old or inadequate surveys.
Heights are in metres. Underlined figures are drying heights in metres and decimetres above Chart Datum; overhead clearance heights are above Highest Astronomical Tide; all other heights are above Mean Higher High Water.
Positions are related to the World Geodetic System 1984 Datum; (see SATELLITE DERIVED POSITIONS Note).
Navigational marks: IALA Maritime Buoyage System - Region A (Red to Port).
Projection: Transverse Mercator.
Acknowledgements: Fremantle Port Authority, Department of Transport Western Australia.

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

NON-TIDAL CHANGES IN SEA LEVEL

Meteorological effects are significant in the area covered by this chart. For details see Australian National Tide Tables and Australian Seafarers Handbook AHP 20.

INNER HARBOUR - TIDAL STREAMS

Tidal Streams in the Inner Harbour are often masked by water from the Swan River. Refer to Australia Pilot Vol I NP 13.

INNER HARBOUR-DEPTHS

Mariners are advised that silting occurs within the harbour. Attention is drawn to temporary Notice to Mariners referring to depth information.

bour

SPEED LIMIT

Speed of vessels in the Inner Harbour and Entrance Channel is eight knots maximum. Vessels should avoid crossing the Entrance Channel, but vessels which do are required to cross by the shortest possible route and obey the speed limit.

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Seafarers Handbook AHP 20.

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	MHHW	MLHW	MSL	MHLW	MLLW
Fremantle	32° 03'	115° 44'	1·4	1·1	1·0	0·8	0·5	0·4

Block for chart Aus 113

© Commonwealth of Australia 2012

(148·8 x 140·7mm)

To accompany Australian Notice to Mariners 889/2012

Depths are in metres and are reduced to Port Datum, which has been adopted as Lowest Astronomical Tide. Depths shown in upright figures are from old or inadequate surveys.
Heights are in metres. Underlined figures are drying heights in metres and decimetres above Chart Datum; overhead clearance heights are above Highest Astronomical Tide; all other heights are above Mean Higher High Water.
Positions are related to the World Geodetic System 1984 Datum; (see SATELLITE DERIVED POSITIONS Note).
Navigational marks: IALA Maritime Buoyage System - Region A (Red to Port).
Projection: Transverse Mercator.
Acknowledgements: Fremantle Port Authority, Department of Transport Western Australia.

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Seafarers Handbook AHP 20.

RESTRICTED AREA

Unauthorised vessels and boats are not permitted in the areas indicated.

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	MHHW	MLHW	MSL	MHLW	MLLW
Fremantle	32° 03'	115° 44'	1·4	1·1	1·0	0·8	0·5	0·4

Block for chart Aus 114

© Commonwealth of Australia 2012

(119·9 x 100·6mm)

To accompany Australian Notice to Mariners 889/2012

Depths are in metres and are reduced to Port Datum, which has been adopted as Lowest Astronomical Tide. Depths shown in upright figures are from old or inadequate surveys.
Heights are in metres. Underlined figures are drying heights in metres and decimetres above Chart Datum; overhead clearance heights are above Highest Astronomical Tide; all other heights are above Mean Higher High Water.
Positions are related to the World Geodetic System 1984 Datum; (see SATELLITE DERIVED POSITIONS Note).
Navigational marks: IALA Maritime Buoyage System - Region A (Red to Port).
Projection: Transverse Mercator.
Acknowledgements: Fremantle Port Authority, Department of Transport Western Australia.

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Block A for chart Aus 117 (52·6 x 77·5mm)

To accompany Australian Notice to Mariners 889/2012

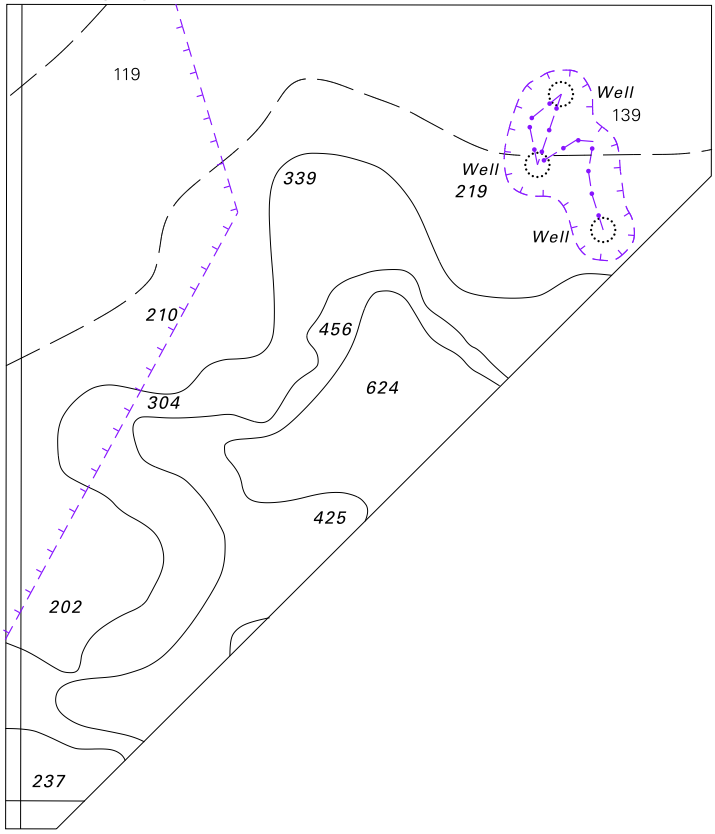
Peron

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	MHHW	MLHW	MSL	MHLW	MLLW
Fremantle	32° 03'	115° 44'	1·4	1·1	1·0	0·8	0·5	0·4

Block B for chart Aus 117 © Commonwealth of Australia 2012 (19·6 x 119·9mm)

To accompany Australian Notice to Mariners 895/2012

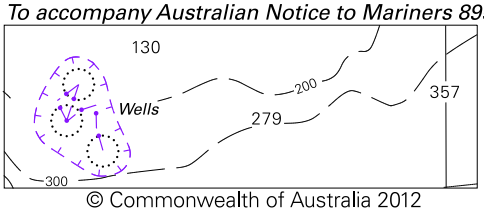


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Block for chart Aus 357

(93·2 x 109·0mm)

To accompany Australian Notice to Mariners 895/2012



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Block for chart Aus 487 (21·5 x 62·6mm)