



9 September 2011

Edition 18

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

# AUSTRALIAN NOTICES TO MARINERS

Notices 885 – 948 

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.

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## 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.

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## 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](mailto: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](http://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](mailto:rccaus@amsa.gov.au)).

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## AUTHORISED USE

Copies of Australian notices are available free of charge from the Australian Hydrographic Service (AHS) website ([www.hydro.gov.au](http://www.hydro.gov.au)) and through the eNotices (email) service ([www.hydro.gov.au/enotices/enotices.htm](http://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](http://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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**885 AUSTRALIA - Products**

Australian Hydrographic Service (AA553159, AA553438, AA553564)

**New Chart**

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Index Chart</i>	<i>Price</i>
Aus 59	9/9/2011	Australia - North West Coast - Western Australia - Port of Dampier (Northern Sheet) 20° 32'.46 S - 20° 38'.52 S 116° 42'.55 E - 116° 46'.30 E <i>New chart providing improved coverage of the Dampier port facilities between Withnell Bay and Parker Point.</i>	1:10 000	Aus 5001	\$35.00
Aus 60	9/9/2011	Australia - Northwest Coast - Western Australia - Port of Dampier (Southern Sheet) 20° 36'.60 S - 20° 40'.15 S 116° 38'.15 E - 116° 44'.10 E Inset: Kaiser Marina 20° 39'.9 S - 20° 40'.5 S 116° 41'.3 E - 116° 42'.1 E <i>New chart providing improved coverage of the Dampier port facilities between Parker Point and Intercourse Islands.</i>	1:10 000  1:10 000	Aus 5001	\$35.00

**Miscellaneous Charts Republished**

*Chart*  
AX 60377  
AX 66003

**New Chart to be published shortly**

<i>Chart</i>	<i>Title</i>	<i>Scale</i>	<i>Expected Publication Date</i>
Aus 286	Australian - East Coast - Coral Sea - Ashmore Reef	1:50 000	23 September 2011
Aus 297	Torres Strait - Great North East Channel - Basilisk Passage to Moon Passage	1:50 000	7 October 2011

**Chart permanently withdrawn**

*Chart*      *On publication of new chart*  
Aus 59      Aus 59 and Aus 60

**Chart to be permanently withdrawn without replacement**

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

**Admiralty publication**

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>Remarks</i>
NP39	South Indian Ocean Pilot (Thirteenth Edition 2011).	8/9/2011	The twelfth edition of NP39 (2008) is cancelled.

*Note:* Edition 17, dated 26 August 2011, notice to mariners 858/2011 incorrectly refers to Aus 753 as NC 28/7/2011, this should read 14/8/2009.

For further details refer to the AHS website at [www.hydro.gov.au](http://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.

**886\* AUSTRALIA - NEW SOUTH WALES - Crookhaven Heads - Navline**

UKHO (AA552164)

**Aus 808 [675/2011]**

Insert      [accompanying block](#)      34° 50'.0 S      150° 46'.0 E

**AX 0808E [675/2011]**

Insert      [accompanying block](#)      34° 50'.0 S      150° 46'.0 E

9 September 2011

**887\* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Historic wreck eastwards**

Department of Planning and Community Development (AA543700)

**Aus 489 [540/2011]**

Insert	depth, 382m, enclosed by danger circle with magenta legend, <i>Historic Wk</i> (see Note)	33° 51'.90 S	151° 44'.42 E
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**Aus 809 [729/2011]**

Insert	depth, 382m, enclosed by danger circle with magenta legend, <i>Historic Wk</i> (see Note)	33° 51'.90 S	151° 44'.42 E
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**Aus 4643 (INT 643) [788/2011]**

Insert	depth, 382m, enclosed by danger circle with magenta legend, <i>Historic Wk</i>	33° 51'.9 S	151° 44'.4 E
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**AX 0809E [729/2011]**

Insert	depth, 382m, enclosed by danger circle with magenta legend, <i>Historic Wk</i> (see Note)	33° 51'.90 S	151° 44'.42 E
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**888\* AUSTRALIA - NEW SOUTH WALES - Barrenjoey Head - Wreck eastwards**

S Willan, Australian Hydrographic Service (AA549937 - AA549943)

**Aus 197 [675/2011]**

Substitute	danger circle with legend, <i>Wk</i> for enclosing contour and legend, R	33° 35'.8 S	151° 25'.1 E
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**Aus 204 [787/2011]**

Substitute	danger circle with legend, <i>Wk</i> for enclosing contour and legend, R	33° 35'.8 S	151° 25'.1 E
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**Aus 489 [887/2011]**

Insert	depth, 45m, enclosed by danger circle with legend, <i>Wk</i>	33° 35'.79 S	151° 25'.09 E
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Delete	#	33° 35'.6 S	151° 23'.6 E
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**Aus 809 [887/2011]**

Insert	danger circle to enclose depth, 45m, with legend, <i>Wk</i>	33° 35'.8 S	151° 25'.1 E
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**AX 0809E [887/2011]**

Insert	danger circle to enclose depth, 45m, with legend, <i>Wk</i>	33° 35'.8 S	151° 25'.1 E
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**889\* AUSTRALIA - QUEENSLAND - Flinders Reef - Wreck**

T Jackson (AA549246)

**Aus 235 [734/2011]**

Insert	depth, 12m, enclosed by danger circle with legend, <i>Wk</i>	26° 58'.83 S	153° 28'.87 E
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**Aus 236 [843/2011]**

Insert	depth, 12m, enclosed by danger circle with legend, <i>Wk</i>	26° 58'.83 S	153° 28'.87 E
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**Aus 814 [730/2011]**

Insert	depth, 12m, enclosed by danger circle with legend, <i>Wk</i>	26° 58'.83 S	153° 28'.87 E
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**Aus 815 [630/2011]**

Insert	depth, 12m, enclosed by danger circle with legend, <i>Wk</i>	26° 58'.83 S	153° 28'.87 E
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**890\* AUSTRALIA - QUEENSLAND - Hayman Island - Blue Pearl Bay - Buoy**

Australian Hydrographic Service (AA552803)

**Aus 254 (plan, Stonehaven Anchorage) [789/2011]**

Insert	white conical buoy, without topmark	20° 02'.846 S	148° 52'.695 E
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**891\* AUSTRALIA - QUEENSLAND - Thread Shoal to Myrmidon Reef - Scientific instruments***Former Notice - 116(T)/2008 is cancelled*

Australian Institute of Marine Science (AA546309)

**Aus 828 [632/2011]**

Insert	displaced depth, 10m, enclosed by danger circle with legend, ODAS	18° 18'.62 S	147° 09'.80 E
	displaced depth, 10m, enclosed by danger circle with legend, ODAS	18° 13'.18 S	147° 20'.62 E
Delete	depth, 38m	18° 18'.7 S	147° 09'.7 E

**Aus 4620 (INT 620) [846/2011]**

Insert	depth, 10m, enclosed by danger circle with legend, ODAS	18° 13'.2 S	147° 20'.6 E
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**AX 4620F [846/2011]**

Insert	depth, 10m, enclosed by danger circle with legend, ODAS	18° 13'.2 S	147° 20'.6 E
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**892\* AUSTRALIA - QUEENSLAND - Cairns - Pilot boarding place**

Maritime Safety Queensland Notice 786/2011 (AA552124)

**Aus 262 [632/2011]**

Move	pilot boarding place	16° 47'.0 S	145° 53'.0 E
	to	16° 47'.5 S	145° 53'.5 E

**Aus 830 [632/2011]**

Move	pilot boarding place	16° 47'.0 S	145° 53'.0 E
	to	16° 47'.5 S	145° 53'.5 E

**AX 6027S [453/2011]**

Move	pilot boarding place	16° 47'.0 S	145° 53'.0 E
	to	16° 47'.5 S	145° 53'.5 E

**AX 63262 [632/2011]**

Move	pilot boarding place	16° 47'.0 S	145° 53'.0 E
	to	16° 47'.5 S	145° 53'.5 E

**893\* AUSTRALIA - QUEENSLAND - Ribbon Reef to Jewell Reef - Scientific instruments***Former Notice - 118(T)/2008 is cancelled*

Australian Institute of Marine Science (AA546309, AA547582)

**Aus 832 [679/2011]**

Insert	depth, 10m, enclosed by danger circle with legend, ODAS	14° 42'.11 S	145° 38'.49 E
	depth, 250m, enclosed by danger circle with legend, ODAS	14° 20'.37 S	145° 20'.62 E
Delete	depth, 198m	14° 42'.3 S	145° 38'.4 E

**894\* AUSTRALIA - QUEENSLAND - Eel Reef - Depths**  
UKHO (AA553054)

**Aus 834** [848/2011]

Insert	depth, 3 <sub>2</sub> m	12° 32'.40 S	143° 35'.24 E
	contour W to semi-enclose depth, 0 <sub>3</sub> m	12° 32'.4 S	143° 35'.6 E

**Aus 835** [791/2011]

Insert	<a href="#">accompanying block</a>	12° 30'.0 S	143° 32'.5 E
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**Aus 836** [87/2011]

Insert	depth, 3 <sub>2</sub> m	12° 32'.40 S	143° 35'.24 E
	contour W to semi-enclose depth, 0 <sub>3</sub> m	12° 32'.4 S	143° 35'.6 E

**895\* PAPUA NEW GUINEA - Bougainville Island - Depths westwards**  
Geoscience Australia (DHDB 1694140)

**Aus 397** [295/2011]

Insert	<a href="#">accompanying block</a>	6° 00'.0 S	154° 00'.0 E
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**896\* AUSTRALIA - TORRES STRAIT - Larpent Bank - Depth**  
HMAS *Benalla* (AA552923, AA552924)

**Aus 296** [795/2011]

Insert	depth, 9 <sub>2</sub> m, enclosed by contour	10° 34'.68 S	142° 05'.04 E
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**Aus 700** [632/2011]

Insert	depth, 9 <sub>2</sub> m, enclosed by contour	10° 34'.59 S	142° 05'.10 E
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**897\* AUSTRALIA - TIMOR SEA - Sahul Banks - Racon; AIS**  
Eni Australia (AA552867 - AA552870, AA553631)

**Aus 312** [850/2011]

Insert	magenta legend, <i>Racon (B) AIS</i>	10° 38'.3 S	126° 08'.5 E
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**AX 0312F** [850/2011]

Insert	magenta legend, <i>Racon (B) AIS</i>	10° 38'.3 S	126° 08'.5 E
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**898\* INDIAN OCEAN - Christmas Island - Smith Point - Mooring buoys**  
HMAS *Melville* (AA550994, AA550995)

**Aus 920 (plan, Flying Fish Cove)** [839/2010]

Insert	yellow cylindrical mooring buoy	10° 25'.979 S	105° 39'.703 E
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Move	mooring buoy	10° 26'.05 S	105° 39'.64 E
	to	10° 26'.064 S	105° 39'.676 E
	mooring buoy	10° 25'.90 S	105° 39'.69 E
	to	10° 25'.830 S	105° 39'.669 E
	mooring buoy	10° 25'.89 S	105° 39'.62 E
	to	10° 25'.951 S	105° 39'.490 E

Delete	depth, 2 <sub>9</sub> m	10° 25'.97 S	105° 39'.71 E
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**899\* AUSTRALIA - WESTERN AUSTRALIA - Broome - Depth**

Department of Transport WA (DHDB 1884773)

**Aus 50** [256/2010]Insert depth, 3<sub>4</sub>m, enclosed by contour 17° 57'.458 S 122° 10'.775 EDelete depth, 13<sub>1</sub>m 17° 57'.45 S 122° 10'.80 E**900\* AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Oil field decommissioned***Former Notice - 488(T)/2011 is cancelled*

Apache Energy Ltd (AA550140)

**Aus 327** [855/2011]

Insert accompanying block 19° 38'.0 S 116° 50'.0 E

**Aus 741** [855/2011]

Insert accompanying block 19° 41'.0 S 116° 43'.0 E

**Aus 4603 (INT 603)** [801/2011]

Delete lit platform 19° 42'.0 S 116° 43'.0 E

**Aus 4708 (INT 708)** [853/2011]

Delete lit platform 19° 42'.0 S 116° 43'.0 E

**Aus 4722 (INT 722)** [798/2011]

Delete lit platform and enclosing restricted area with legend, Legendre 19° 42'.0 S 116° 43'.0 E

**Aus 4723 (INT 723)** [857/2011]Amend legend to *Wanaea* 19° 36'.0 S 116° 37'.0 E

Delete lit platform with legend, Legendre 19° 42'.0 S 116° 43'.0 E

**AX 4603F** [801/2011]

Delete lit platform 19° 42'.0 S 116° 43'.0 E

**AX 4708F** [853/2011]

Delete lit platform 19° 42'.0 S 116° 43'.0 E

**AX 4722F** [798/2011]

Delete lit platform and enclosing restricted area with legend, Legendre 19° 42'.0 S 116° 43'.0 E

**AX 4723F** [857/2011]Amend legend to *Wanaea* 19° 36'.0 S 116° 37'.0 E

Delete lit platform with legend, Legendre 19° 42'.0 S 116° 43'.0 E

**901\* AUSTRALIA - WESTERN AUSTRALIA - Cape Preston - Port limit**  
 Department of Transport WA (AA550383, AA550384)

**Aus 327 [900/2011]**

Insert dashed magenta line with legend *Cape Preston Port Limit*, between

20° 52'.00 S	116° 11'.88 E
20° 52'.00 S	116° 08'.50 E
20° 43'.00 S	116° 05'.00 E
20° 35'.78 S	116° 05'.00 E
20° 35'.78 S	116° 15'.00 E
20° 45'.00 S	116° 15'.00 E
20° 45'.00 S	116° 14'.00 E
20° 48'.92 S	116° 14'.00 E
20° 48'.92 S	116° 16'.08 E
20° 52'.07 S	116° 16'.08 E

**Aus 742 [596/2011]**

Insert dashed magenta line with legend *Cape Preston Port Limit*, between

20° 52'.00 S	116° 11'.88 E
20° 52'.00 S	116° 08'.50 E
20° 43'.00 S	116° 05'.00 E
20° 35'.78 S	116° 05'.00 E
20° 35'.78 S	116° 15'.00 E
20° 45'.00 S	116° 15'.00 E
20° 45'.00 S	116° 14'.00 E
20° 48'.92 S	116° 14'.00 E
20° 48'.92 S	116° 16'.08 E
20° 52'.07 S	116° 16'.08 E

**Aus 743 [856/2011]**

Insert accompanying block

20° 50'.0 S	116° 10'.0 E
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**902\* AUSTRALIA - WESTERN AUSTRALIA - Point Murat to Point Maud - Chart limits**

Australian Hydrographic Service (AA550617)

**Aus 744 [744/2011]**

Insert	magenta limits, with legend <i>Aus 72</i> in NE corner, between	21° 50'.52 S	114° 10'.33 E
		21° 50'.52 S	114° 12'.50 E
		21° 47'.80 S	114° 12'.50 E
		21° 47'.80 S	114° 10'.33 E
		21° 50'.52 S	114° 10'.33 E
	magenta limits, with legend <i>Aus 72</i> in NW corner, between	21° 57'.91 S	114° 07'.80 E
		21° 57'.91 S	114° 09'.53 E
		21° 56'.77 S	114° 09'.53 E
		21° 56'.77 S	114° 07'.80 E
		21° 57'.91 S	114° 07'.80 E
Delete	plan, POINT MURAT WHARF	22° 08'.0 S	114° 52'.0 E
	plan, EXMOUTH BOAT HARBOUR	22° 25'.0 S	114° 52'.0 E
	magenta limits, with legend see Plan, centred on	21° 49'.0 S	114° 11'.5 E
	magenta limits, with legend see Plan, centred on	21° 57'.5 S	114° 08'.5 E

**Aus 745 [744/2011]**

Insert	magenta limits, with legend <i>Aus 72</i> in SW corner, between	22° 49'.00 S	113° 35'.40 E
		22° 49'.00 S	113° 46'.60 E
		22° 32'.00 S	113° 46'.60 E
		22° 32'.00 S	113° 35'.40 E
		22° 49'.00 S	113° 35'.40 E
	magenta limits, with legend <i>Aus 72</i> in NW corner, between	23° 08'.40 S	113° 50'.00 E
		22° 58'.25 S	113° 50'.00 E
		22° 58'.25 S	113° 43'.00 E
		23° 08'.40 S	113° 43'.00 E
	magenta limits, with legend <i>Aus 72</i> in SW corner, between	21° 50'.52 S	114° 10'.33 E
		21° 50'.52 S	114° 12'.50 E
		21° 47'.80 S	114° 12'.50 E
		21° 47'.80 S	114° 10'.33 E
		21° 50'.52 S	114° 10'.33 E
	magenta limits, with legend <i>Aus 72</i> in SW corner, between	21° 57'.91 S	114° 07'.80 E
		21° 57'.91 S	114° 09'.53 E
		21° 56'.77 S	114° 09'.53 E
		21° 56'.77 S	114° 07'.80 E
		21° 57'.91 S	114° 07'.80 E
Delete	magenta limits, with legend see Aus 744, centred on	21° 49'.0 S	114° 11'.5 E
	magenta limits, with legend see Aus 744, centred on	21° 57'.5 S	114° 08'.5 E
	magenta limits, with legend Aus 72, centred on	22° 37'.0 S	113° 39'.0 E
	magenta limits, with legend Aus 72, centred on	22° 44'.0 S	113° 41'.0 E
	magenta limits, with legend Aus 72, centred on	23° 03'.0 S	113° 47'.0 E

**Aus 746 [744/2011]**

Insert	magenta limits, with legend <i>Aus 72</i> in SW corner, between	23° 04'.60 S	113° 43'.00 E
		23° 11'.00 S	113° 43'.00 E
		23° 11'.00 S	113° 50'.00 E
Delete	magenta limits, with legend Aus 72, centred on	23° 06'.0 S	113° 46'.0 E

**903\* AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Beagle Rocks - Light beacon; bearing**  
 Australian Hydrographic Service (AA332244), The Chart and Map Shop (AA552340)

<b>Aus 112</b> [803/2011]		
Amend	light beacon to Q(2)6s	32° 03'.62 S 115° 43'.60 E
<b>Aus 117</b> [805/2011]		
Amend	light beacon to Q(2)6s	32° 03'.62 S 115° 43'.60 E
	bearing to 082.7°	32° 03'.46 S 115° 42'.10 E
<b>Aus 754</b> [858/2011]		
Delete	light beacon	32° 03'.6 S 115° 43'.6 E
<b>AX 0754E</b> [858/2011]		
Delete	light beacon	32° 03'.6 S 115° 43'.6 E
<b>AX 63112</b> [803/2011]		
Amend	light beacon to Q(2)6s	32° 03'.62 S 115° 43'.60 E
<b>AX 66002</b> [687/2011]		
Delete	light beacon	32° 03'.6 S 115° 43'.6 E
<b>AX 70117</b> [805/2011]		
Amend	light beacon to Q(2)6s	32° 03'.62 S 115° 43'.60 E
	bearing to 082.7°	32° 03'.46 S 115° 42'.10 E

**904\* AUSTRALIA - WESTERN AUSTRALIA - Cockburn Sound - Light buoys withdrawn**  
 Fremantle Ports Notice 16/2011 (AA551111)

<b>Aus 114</b> [805/2011]		
Delete	light buoy	32° 10'.20 S 115° 43'.72 E
<b>Aus 117</b> [903/2011]		
Delete	light buoy	32° 09'.50 S 115° 41'.84 E
	light buoy	32° 10'.20 S 115° 43'.72 E
<b>AX 70117</b> [903/2011]		
Delete	light buoy	32° 10'.20 S 115° 43'.72 E
	light buoy	32° 09'.50 S 115° 41'.84 E

**905\* AUSTRALIA - WESTERN AUSTRALIA - Oyster Harbour - Bayonet Head - Marine farm**  
 Australian Hydrographic Service (AA553310)

<b>Aus 110 (inset, Oyster Harbour)</b> [NE 12/8/2011]		
Delete	marine farm	34° 58'.9 S 117° 56'.8 E
<b>AX 0110E (inset, Oyster Harbour)</b> [689/2011]		
Delete	marine farm	34° 58'.9 S 117° 56'.8 E

**906\* AUSTRALIA - TASMANIA - River Derwent - Raft removed**  
 Former Notice - 331(T)/2011 is cancelled  
 Marine and Safety Tasmania (AA552475)

<b>Aus 172</b> [957/2010]		
Delete	raft	42° 51'.07 S 147° 20'.19 E

**907\* AUSTRALIA - VICTORIA - Port Phillip - Coles Channel - Light beacon established**  
Victorian Notice 98/2011 (AA552046)

**Aus 158** [NC 12/8/2011]

Substitute starboard lateral light beacon, *F(2)G.6s No1*, with  
topmark for beacon

38° 13'.78 S

144° 42'.49 E

**908(T)/2011 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Kurnell to La Perouse Point - Cable laying operations***Date - Until 31 December 2011*

Sydney Ports Corporation Notice 10/2011 (AA554332)

The barge *AP Recovery*, MT *Targa* and support vessels are laying power cables between Kurnell (34° 00'.39 S 151° 12'.93 E) and La Perouse Point (33° 59'.37 S 151° 13'.84 E).

The barge has deployed anchors marked by special light buoys. All vessels involved in the works are fitted with AIS and will display appropriate shapes.

An exclusion zone exists around the barge, which will be maintained by support vessels.

Channel closure will be promulgated through SHIPS and advised by Harbour Control on VHF Ch 13.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 198 - Aus 199**

**909(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Dredging operations***Former Notice - 461(T)/2011 is cancelled**Date - Until 31 October 2011*

Maritime Safety Queensland Notice 807(T)/2011 (AA552471)

The dredge *Port Frederick* is conducting dredging operations at the entrance to the Gold Coast Seaway (27° 56'.0 S 153° 26'.0 E).

The dredge will be operating between the entrance and Surfers Paradise beach (28° 00'.0 S 153° 26'.0 E) during the operations.

The dredge will monitor VHF Ch 16 and Ch 67.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 230 - Aus 814**

**910(T)/2011 AUSTRALIA - QUEENSLAND - Gold Coast Seaway - Shoaling***Former Notice - 810(T)/2011 is cancelled*

Maritime Safety Queensland Notice 806(T)/2011 (AA552472)

Available depths as at 26 August 2011:

	<i>Metres</i>
Centre line leads (255°)	3.8
Southern approach leads (291°)	2.9

A shoal area, with a least depth of 2.9m, is drifting northwards immediately east of the southern break wall towards the centreline leads.

Mariners are advised against using the southern approach leads (291°) when transiting the seaway and to keep the centre line leads (255°) open to the north to avoid the shoal area and breaking waves to the south. Deeper water to 5.4m is found to the north of the centre line leads.

**Chart temporarily affected - Aus 230**

**911(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information**

Former Notice - 869(T)/2011 is cancelled

Brisbane Port Corporation (AA555065)

Available depths and under keel clearances (UKC) at 8 September 2011:

<i>Berth</i>	<i>Metres</i>	<i>Remarks</i>
* Fisherman Islands No10	14.0	
* Fisherman Islands No9	14.0	
Fisherman Islands No8	14.0	
Fisherman Islands No7	14.1	
Fisherman Islands No6	13.4	
Fisherman Islands No5	14.0	
Fisherman Islands No4	14.1	
Fisherman Islands No3	14.0	
Fisherman Islands No2	14.0	
Fisherman Islands No1	14.0	
Fisherman Islands Grain and Woodchip	13.0	
* Caltex Fisherman Islands	14.7	
* Fisherman Islands Coal	14.2	
Fisherman Islands General Purpose	11.6	
BP Luggage Point	14.3	
Caltex Products	9.8	
* Cement Australia Co Wharf	9.8	
* BP Products	10.7	
* Shell	10.7	
Pacific Terminals	11.0	
Incitec North	10.0	
* Incitec South	10.3	
Pinkenba 1	10.4	
Pinkenba 2	10.4	
Riverside Marina	-	
Sugar Terminal	9.8	
Cairncross Fitting Out Wharf	8.2	
* Cairncross Breasting Wharf	6.5	
Brisbane Naval Wharf	-	
Maritime No3	5.6	(not maintained)
Maritime No2	7.8	
Maritime No1	9.0	
Hamilton No4	10.4	
* Hamilton No1	8.8	
Brisbane Cruise Ship Terminal	9.4	
	<i>Metres</i>	<i>UKC/Remarks</i>
<i>Moreton Bay :</i>		
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
<i>Brisbane River :</i>		
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**

**912(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Russell Island - Harbour works completed***Former Notice - 313(T)/2011 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 236****913(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Wreck salvaged***Former Notice - 262(T)/2011 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 236****914(T)/2011 AUSTRALIA - QUEENSLAND - Brisbane River - Mooring buoys recovered***Former Notice - 55(T)/2011 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 236 - Aus 237****915(T)/2011 AUSTRALIA - QUEENSLAND - Moreton Bay - Deception Bay - Obstruction removed***Former Notice - 712(T)/2010 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 236****916(T)/2011 AUSTRALIA - QUEENSLAND - Pumicestone Channel - Elimbah Creek - Beacon destroyed**

Maritime Safety Queensland Notice 811(T)/2011 (AA553624)

The special beacon (27° 01'.20 S 153° 05'.55 E) has been destroyed; a special light buoy, *Fl.Y.3s*, exists in situ.**Chart temporarily affected - Aus 235 - Aus 236****917(T)/2011 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling***Former Notice - 650(T)/2011 is cancelled*

Maritime Safety Queensland Notice 825(T)/2011 (AA553378)

Shoaling with a least depth of *1m* exists within the main entrance channel to Mooloolah River (26° 40'.75 S 153° 07'.91 E).The leading lights (26° 40'.97 S 153° 08'.17 E and 26° 40'.93 S 153° 08'.14 E) are temporarily unlit. A port lateral light buoy, *Q.R*, exists in position 26° 40'.76 S 153° 07'.88 E and marks the southwestern tip of the shoal.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 235**



**918(T)/2011 AUSTRALIA - QUEENSLAND - Gneering Shoals - Obstruction**

*Former Notice - 870(T)/2011 is cancelled*

Maritime Safety Queensland Notices 783(T)/2011; 828/2011 (AA551902, AA553382)

A lost anchor and cable exists in position 26° 39'.56 S 153° 16'.53 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 235 - Aus 815****919(P)/2011 AUSTRALIA - QUEENSLAND - Burnett River - Nav aids; shoaling**

*Former Notice - 520(P)/2011 is cancelled*

Maritime Safety Queensland Notice 208(T)/2011, 435(T)/2011 (AA520626, AA533810, AA554621, AA554622, AA554633)

Port lateral light buoys, *Fl.R.4s*, exist in situ for light beacons as follows:

<i>No</i>	<i>Position</i>
16	24° 45'.36 S 152° 23'.77 E
18	24° 45'.53 S 152° 23'.28 E
20	24° 45'.76 S 152° 23'.00 E
22	24° 45'.84 S 152° 22'.94 E.

Starboard lateral light buoys, *Fl.G.4*, exist in situ for light beacons as follows:

<i>No</i>	<i>Position</i>
19	24° 45'.61 S 152° 23'.05 E
23	24° 45'.82 S 152° 22'.83 E.

No27, 29 and 31 special light buoys have been temporarily withdrawn. Special light buoys, *Fl.Y.2-5s*, exist in the following positions:

24° 46'.36 S 152° 22'.85 E
24° 46'.25 S 152° 22'.81 E
24° 46'.15 S 152° 22'.77 E
24° 46'.12 S 152° 22'.73 E
24° 46'.04 S 152° 22'.74 E
24° 45'.97 S 152° 22'.76 E.

The starboard lateral light beacon No37, (24° 47'.88 S 152° 22'.28 E), has been altered to a port lateral light beacon, *Fl.R.2.5s*.

The starboard lateral light beacon No41, (24° 49'.32 S 152° 22'.22 E), has been altered to a port lateral light beacon, *Fl.R.6s*.

Buoy No32 (24° 49'.40 S 152° 22'.20 E) has been withdrawn.

Two starboard lateral light buoys have been established in the following positions

<i>Position</i>	<i>Light characteristic</i>
24° 49'.22 S 152° 22'.18 E	<i>Fl.G.3s</i>
24° 48'.78 S 152° 21'.70 E	<i>Fl.G.5s</i> .

All other buoys and beacons now have relevant day marks and lights affixed, nav aids will be renumbered shortly.

Shoaling with a least depth of *0.5m* exists in the vicinity of light beacon No41 (24° 49'.32 S 152° 22'.21 E).

Shoaling, with a least depth of *0.2m*, exists in the vicinity of 24° 46'.55 S 152° 22'.90 E.

*Note:* a new edition of Aus 242 is in production.

**Chart which will be affected - Aus 242**

**920(T)/2011 AUSTRALIA - QUEENSLAND - Gladstone - Barney Point to Grahams Creek - Dredging operations***Former Notice - 523(T)/2011 is cancelled*

Maritime Safety Queensland Notice 846(T)/2011 (AA554339)

Dredges and support vessels are conducting dredging operations between Barney Point (23° 50'.0 S 151° 16'.5 E) and Grahams Creek (23° 44'.5 S 151° 10'.0 E).

A 50m exclusion zone exists around all dredges associated with the operations.

All vessels will display appropriate lights and shapes and will monitor VHF Ch 13 and Ch 16.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 244 - Aus 245 - Aus 819**

**921(T)/2011 AUSTRALIA - QUEENSLAND - Great Keppel Island - Light beacon restored***Former Notice - 174(T)/2010 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 367 - Aus 819 - Aus 820 - AX 0367E - AX 0820E**

**922(T)/2011 AUSTRALIA - QUEENSLAND - Rosslyn Bay - Harbour works completed***Former Notice - 420(T)/2011 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 247**

**923(T)/2011 AUSTRALIA - QUEENSLAND - Hay Point - Harbour works completed***Former Notice - 705(T)/2011 is cancelled*

Maritime Safety Queensland (AA554975)

Cancel this notice on receipt.

**Chart formerly affected - Aus 249 - Aus 250 - AX 0249E**

**924(T)/2011 AUSTRALIA - QUEENSLAND - Dudgeon Point - Scientific instruments***Date - Until 29 February 2012*

Maritime Safety Queensland Notice 799(T)/2011 (AA552293)

Scientific instruments marked by special light buoys, Q.Y, exist in positions:

21° 14'.35 S 149° 16'.01 E

21° 14'.15 S 149° 17'.53 E

21° 11'.39 S 149° 15'.23 E.

**Chart temporarily affected - Aus 249 - Aus 250 - Aus 823 - AX 0249E – AX 0823E**

**925(T)/2011 AUSTRALIA - QUEENSLAND - Coral Point - Light beacon restored***Former Notice - 175(T)/2010 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 249 - Aus 823 - AX 0249E - AX 0823E**

**926(T)/2011 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Scientific instrument**

*Former Notice* - 114(T)/2008 is cancelled

*Date* - Until 30 June 2013

Australian Institute of Marine Science (AA546309)

A subsurface scientific instrument, depth 10m, exists in position 19° 18'.37 S 147° 37'.20 E.

**Chart temporarily affected - Aus 826 - Aus 827**

**927(T)/2011 AUSTRALIA - QUEENSLAND - Cleveland Bay - Scientific instrument recovered**

*Former Notice* - 526(T)/2011 is cancelled

Maritime Safety Queensland (AA552900)

Cancel this notice on receipt.

**Chart formerly affected - Aus 256 - Aus 257**

**928(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Scientific instruments recovered**

*Former Notice* - 707(T)/2011 is cancelled

Maritime Safety Queensland (AA554536)

Cancel this notice on receipt.

**Chart formerly affected - Aus 256 - Aus 257**

**929(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Light buoy withdrawn**

*Former Notice* - 718(T)/2010 is cancelled

Maritime Safety Queensland (AA554603)

Cancel this notice on receipt.

**Chart formerly affected - Aus 256 - Aus 257**

**930(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Harbour works***Former Notice - 825(T)/2011 is cancelled**Date - Until 31 December 2012**Maritime Safety Queensland Notices 413/2011, 418/2011, 694(T)/2011, 819(T)/2011 (AA533266, AA533290, AA547521, AA553394)*

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.

Piles have been established to protect the construction area on the southern side. *Fl.R.4.3s* lights have been established on three of the series of piles to indicate the southern extremity of the navigable channel within the works 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.

Vessels must not pass another vessel within the construction area where the width of the river has been reduced.

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****931(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Light buoy recovered***Former Notice - 1248(T)/2008 is cancelled**Maritime Safety Queensland Notice 847/2011 (AA554773)*

Cancel this notice on receipt.

**Chart formerly affected - Aus 256 - Aus 257****932(T)/2011 AUSTRALIA - QUEENSLAND - Townsville - Scientific instruments recovered***Former Notice - 1080(T)/2010 is cancelled**Maritime Safety Queensland (AA354606)*

Cancel this notice on receipt.

**Chart formerly affected - Aus 256 - Aus 257****933(T)/2011 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Scientific instruments recovered***Former Notice - 657(T)/2011 is cancelled**Maritime Safety Queensland (AA554606)*

Cancel this notice on receipt.

**Chart formerly affected - Aus 256**

**934(T)/2011 AUSTRALIA - QUEENSLAND - Magnetic Island - Scientific instrument recovered***Former Notice - 822(T)/2011 is cancelled*

Maritime Safety Queensland (AA554549)

Cancel this notice on receipt.

**Chart formerly affected - Aus 256 - Aus 827****935(T)/2011 AUSTRALIA - QUEENSLAND - Oyster Point - Exclusion zone removed***Former Notice - 169(T)/2011 is cancelled*

Maritime Safety Queensland Notice 847/2011 (AA554773)

Cancel this notice on receipt.

**Chart formerly affected - Aus 258****936(T)/2011 AUSTRALIA - QUEENSLAND - Cairns - Dredging operations completed***Former Notice - 828(T)/2011 is cancelled*

Maritime Safety Queensland Notice 739(T)/2011 (AA549219)

Cancel this notice on receipt.

**Chart formerly affected - Aus 262 - Aus 263 - Aus 264 - Aus 830 - AX 63262****937(T)/2011 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations***Date - Until 15 October 2011*

Maritime Safety Queensland Notice 734(T)/2011 (AA549218)

The dredge *Brisbane* and support vessels *Pacific Conquest* and *Investigator* are conducting dredging operations in Karumba Entrance Channel (17° 26'.1 S 140° 44'.2 E).

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 6****938(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Darwin - Frances Bay - Wreck***Former Notice - 711(T)/2011 is cancelled*

Darwin Port Corporation Notice 63(T)/2011 (AA553626)

A wreck, marked by two special light buoys Q.Y, exists in position 12° 28'.13 S 130° 51'.40 E.

A 100m exclusion exists around the wreck.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 24 - Aus 26 - Aus 28 - AX 72026****939(T)/2011 AUSTRALIA - NORTHERN TERRITORY - Darwin - Frances Bay - Mooring buoy***Date - Until 30 October 2011*

Darwin Port Corporation Notice 60(T)/2011 (AA553374)

A lit yellow cylindrical mooring buoy, *Fl.WR.2.5s*, exists in position 12° 28'.35 S 130° 51'.47 E.**Chart temporarily affected - Aus 24 - Aus 26 - Aus 28 - AX 72026**

**940(T)/2011 AUSTRALIA - TIMOR SEA - Sahul Banks - Drilling operations***Former Notice* - 663(T)/2011 is cancelled*Date* - Until 31 October 2011

PTTEP Australasia Pty Ltd (AA549110)

The drill rig *Ocean Patriot* and support vessels *MV Pacific Vigour*, *MV Pacific Wrestler* and *MV Coral* are conducting drilling operations in positions 11° 48'.41 S 125° 22'.64 E and 11° 55'.84 S 125° 16'.34 E.

A 500m exclusion zone exists around the drill rig.

**Chart temporarily affected - Aus 314 - AX 0314F**

**941(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Glomar Shoal - Scientific instruments westwards***Former Notice* - 574(T)/2011 is cancelled*Date* - Until 31 May 2012

MetOcean Engineers (AA552557)

Scientific instruments marked by special light buoys, *Fl(5)Y.20s*, exist in positions 19° 34'.97S 116° 28'.48E and 19° 35'.05S 116° 28'.47E.

**Chart temporarily affected - Aus 327 - Aus 741**

**942(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Scientific instrument recovered northwestwards***Former Notice* - 387(T)/2011 is cancelled

MetOcean Engineers (AA552557)

Cancel this notice on receipt.

**Chart formerly affected - Aus 327**

**943(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank - Scientific instruments northeastwards***Date* - Until 31 August 2012

MetOcean Engineers (AA552557)

Scientific instruments exist as follows:

*Position Remarks*

19° 34'.11 S 116° 09'.06 E	<i>Fl(5)Y.20s</i>
19° 34'.30 S 116° 09'.06 E	<i>Fl(5)Y.20s</i>
19° 34'.35 S 116° 09'.51 E	subsurface.

**Chart temporarily affected - Aus 327**

**944(T)/2011 AUSTRALIA - WESTERN AUSTRALIA - Fremantle - Owen Anchorage - Harbour works***Former Notice* - 778(T)/2011 is cancelled*Date* - Until 31 March 2012

Department of Transport WA Notice 108/2011 (AA553618)

Works associated with the construction of Port Coogee Marina are in progress (32° 06'.00 S 115° 45'.55 E).

An exclusion zone is marked by a silt curtain and special light buoys, *Q. Y.*

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 117 - AX 70117**

**945(T)/2011 AUSTRALIA - TASMANIA - North West Bay - Beacon restored***Former Notice - 72(T)/2011 is cancelled*

Marine and Safety Tasmania Notice M116/2011 (AA552399)

Cancel this notice on receipt.

**Chart formerly affected - Aus 171 - Aus 173 - Aus 174 - Aus 796****946(T)/2011 AUSTRALIA - TASMANIA - Hobart - Prince of Wales Bay - Harbour works***Date - Until 31 March 2012*

Marine and Safety Tasmania Notice M117/2011 (AA554803)

Harbour works associated with the construction of a new marina are in progress in an area bounded by the coast and special light buoys in the following positions:

42° 49'.75 S 147° 18'.15 E

42° 49'.68 S 147° 18'.12 E

42° 49'.63 S 147° 18'.14 E

42° 49'.57 S 147° 18'.22 E.

The barge will display appropriate lights and anchors deployed by the barge will be marked by orange light buoys.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 172****947(T)/2011 AUSTRALIA - TASMANIA - Pirates Bay - Light unlit***Date - Until 30 November 2011*

Marine and Safety Tasmania Notice M120/2011 (AA554978)

The light, *F.Bu* (43° 02'.03 S 147° 56'.75E), is unlit.

**Chart temporarily affected - Aus 796 - Aus 797****948(T)/2011 AUSTRALIA - VICTORIA - Port Phillip - Werribee River - Dredging operations***Date - Until 30 September 2011*

Victorian Notice 103(T)/2011 (AA553614)

Dredging operations are in progress in Werribee River (37° 58'.38 S 144° 41'.17 E).

Dredge spoil will be deposited in the adjacent foreshore area to the north and east of the channel.

The dredge will display appropriate lights and shapes.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 143 - Aus 155**

## HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
NSW- Dead Horse Bay	Nomenclature		A Bonato
WA- North West Cape	Light buoy	MV <i>Mermaid Sound</i>	



**NAVIGATION WARNINGS**

*The following radio messages have been received during the period to 9 September 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**

- 221 Starboard lateral light buoy, *Fl.G.5s*, established in position 14° 08'·3 S 144° 29'·0 E.
- 222 Cancelled.
- 223 Cancelled.
- 224 Special purpose vessel *Seisquest* conducting seismic survey towing eight 6000m cable in an area bounded by 19° 10'·0 S to 19° 36'·0 S and 115° 30'·0 E to 116° 02'·0 E. 5.0M clearance requested.
- 225 Cancelled.
- 226 Port Hedland light K1676.9 in position 20° 06'·49 S 118° 28'·12 E unreliable.

**NAVAREA X WARNINGS**

- 017 Confirmed 406 MHZ emergency beacon (EPIRB) registered to 12m sailing vessel *Tsarabanjina* detected vicinity 13° 36'·7 S 162° 12'·1 E at 062156UTC. Vessels approaching this area are requested to transit within 10M of beacon position, report present position and ETA to area. Lookout for signs of vessel in difficulty. Search operations underway. Reports to this station or RCC Australia via telephone +61262306811 INMARSAT through Les Burum (POR 212, IOR 312), special access code (SAC) 39, HF DSC 005030001, email: rccaus@amsa.gov.au or by fax +61262306868. Other vessels requested to monitor communications.

**Navigational warnings in force as at 090001UTC SEP 11.****Auscoast**

**2011** 190 199 202 206 208 210 211 214 216 221 224 226

**Navarea X**

**2011** 006 017

**Summary of mobile drilling rigs as at 090001UTC SEP 11.**

<i>Name</i>	<i>Position</i>
Ocean Patriot	11° 57'·33 S 124° 36'·30 E
Ocean America	13° 12'·58 S 122° 37'·20 E
Nan Hai 6	19° 28'·00 S 116° 38'·00 E
Okha	19° 35'·40 S 116° 26'·80 E
Ensco 109	20° 17'·39 S 116° 16'·52 E
Atwood Osprey	20° 31'·12 S 114° 49'·26 E
Atwood Eagle	20° 12'·20 S 114° 47'·90 E
Maersk Discoverer	19° 24'·94 S 114° 20'·66 E
Transocean Legend	20° 04'·95 S 113° 49'·93 E

**NAVAREA XIV WARNINGS**

- 085 Cancelled.
- 086 Cancelled.
- 087 Cancelled.
- 088 Cancelled.
- 089 Cancelled.

**Navarea XIV warnings in force as at 090001UTC SEP 11.**

**2011** 084