15 June 2012 **Edition 12**

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

AUSTRALIAN NOTICES TO MARINERS

Notices 581 – 622

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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581 AUSTRALIA - Product
Australian Hydrographic Service (AA604999, AA605025, AA605071)

New Electronic Navigation Chart (Seafarer ENC)

Cell Name	*Released*	*Title*	*Replaces Cell*
AU5015P2	June 2012	Northern Territory - North Coast - Gove Harbour	AU5X15P2
AU5032P1	June 2012	Western Australia - North Coast - Wyndham Wharf	AU5X32P1
AU5041P1	June 2012	Western Australia - North Coast - Cockatoo Island	AU5X41P1
AU5050P0	June 2012	Western Australia - North West Shelf - Broome	AU5XXX50
AU5056P0	June 2012	Western Australia - North West Shelf - Port Walcott	AU5XXX56
AU5081P1	June 2012	Western Australia - West Coast - Geraldton	AU5X81P1
AU5125P6	June 2012	South Australia - Gulf St Vincent - Port Vincent	
AU5200PE	June 2012	New South Wales - Central Coast - Port Jackson (East)	AU5X200E
AU5257P0	June 2012	Queensland - East Coast - Townsville Harbour and Ross River Entrance	AU5XX257

New Edition to be published shortly

Chart	*Title*	*Scale*	*Expected Publication Date*
Aus 751	Australia - West Coast - Western Australia - Houtman Abrolhos and Geelvink Channel	1:150 000	29 June 2012

New Miscellaneous Chart

Chart	Published	Title	Scale	Remarks	Chart withdrawn
AX 00201T	15/6/2012	Australia - East Coast - New South Wales - Port Jackson (Eastern Sheet)	1:7 500	Fleet use only	AX 6201F
AX 00202T	15/6/2012	Australia - East Coast - New South Wales - Port Jackson (Central Sheet) - Sydney Harbour	1:7 500	Fleet use only	AX 6202F
AX 00215T	15/6/2012	Australia - East Coast - New South Wales - Broken Bay	1:12 500	Fleet use only	AX 6215F
AX 06001S	15/6/2012			Fleet use only	AX 66022
AXA 0754S	15/6/2012			Fleet use only	AX 66002
AZ 06002T	15/6/2012	The Conundrum Island Group	1:25 000	Fleet use only	AZ 69002
AZ 06003T	15/6/2012	Approaches to Conundrum Island Group	1:75 000	Fleet use only	AZ 69003
AZ 06004T	15/6/2012	Safety Channel to Surveillance Channel including Caution Harbour	1:75 000	Fleet use only	AZ 69004
AZ 06005T	15/6/2012	Approaches to Caution Harbour	1:25 000	Fleet use only	AZ 69005
AZ 06006T	15/6/2012	Horseshoe Group to Fetlock Group	1:25 000	Fleet use only	AZ 69006
AZ 06007T	15/6/2012	Saddle Group to Tribulation Rock	1:25 000	Fleet use only	AZ 69007

Electronic Navigation Chart (Seafarer ENC) permanently withdrawn

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AU4TS02B
AU4TS003
AU4TS004
AU4TS005
AU4TS006
AU4TS007
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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.

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582* AUSTRALIA - TASMAN SEA - CORAL SEA - Cape Howe to Great Barrier Reef - Chart note
Australian Hydrographic Service (AA602708)

Aus 4601 (INT 601) [*408/2011*]			
Substitute	accompanying note for CN note	36º 35'.0 S	143º 30'.0 E
Aus 4602 (INT 602) [*149/2012*]			
Substitute	accompanying note for CN note	30º 40'.0 S	150º 40'.0 E
Aus 4620 (INT 620) [*1181/2011*]			
Substitute	accompanying note for CN note	19º 45'.0 S	141º 55'.0 E
Aus 4621 (INT 621) [*1181/2011*]			
Substitute	accompanying note for CN note	14º 20'.0 S	156º 00'.0 E
Aus 4635 (INT 635) [*845/2011*]			
Substitute	accompanying note for CN note	27º 00'.0 S	148º 50'.0 E
Aus 4643 (INT 643) [*1236/2011*]			
Substitute	accompanying note for CN note	28º 11'.0 S	150º 36'.0 E
AX 04620U [*NE 20/4/2012*]			
Substitute	accompanying note for CN note	19º 45'.0 S	141º 55'.0 E
AX 04621U [*NE 20/4/2012*]			
Substitute	accompanying note for CN note	14º 20'.0 S	156º 00'.0 E

583* AUSTRALIA - QUEENSLAND - Moreton Bay - West Channel - Light buoy
Maritime Safety Queensland Notice 578(T)/2012 (AA603403)

Aus 235 [*538/2012*]			
Move	light buoy	27º 00'.93 S	153º 15'.38 E
	to	27º 00'.87 S	153º 15'.43 E
Delete	depth, 13_9m	27º 00'.8 S	153º 15'.3 E
Aus 236 [*538/2012*]			
Move	light buoy	27º 00'.93 S	153º 15'.38 E
	to	27º 00'.87 S	153º 15'.43 E
Delete	depth, 13_9m	27º 00'.8 S	153º 15'.3 E

584* AUSTRALIA - QUEENSLAND - Gladstone - Targinie Channel - Light; light beacon
Maritime Safety Queensland Notice 542/2012 (AA602097)

Aus 244 (plan, Fishermans Landing Wharves) [*319/2012*]			
Insert	light, *Q.Bu (F Day (occas))*	23º 46'.947 S	151º 10'.118 E
Delete	light beacon	23º 46'.91 S	151º 10'.02 E
Aus 245 [*319/2012*]			
Insert	light, *Q.Bu (F Day (occas))*	23º 46'.947 S	151º 10'.118 E
Delete	light beacon	23º 46'.91 S	151º 10'.02 E

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585* AUSTRALIA - QUEENSLAND - Cape Cleveland - Light buoy
Maritime Safety Queensland Notice 586(T)/2012 (AA603896)

Aus 256 [*383/2012*]

Move	light buoy	19º 09'.57 S	147º 03'.46 E
	to	19º 09'.650 S	147º 03'.471 E

586* AUSTRALIA - TORRES STRAIT - Prince of Wales Channel - ZOC diagram
Australian Hydrographic Service (AA602525)

Aus 293 [*284/2012*]

Amend	legend to *A2*	10º 23'.73 S	142º 25'.53 E
	legend to *A2*	10º 23'.76 S	142º 24'.27 E
Delete	magenta dashed line, between	10º 23'.74 S	142º 26'.08 E
		10º 23'.74 S	142º 26'.41 E

587* AUSTRALIA - TORRES STRAIT - Hockings Patches - Depths
HMAS *Paluma* (DHDB 1842663)

Aus 301 [*323/2012*]

Insert	depth, *9_3m,* enclosed by contour	10º 35'.43 S	141º 36'.90 E

Aus 376 [*323/2012*]

Insert	depth, *9_3m,* enclosed by contour	10º 35'.43 S	141º 36'.90 E

Aus 4620 (INT 620) [*582/2012*]

Insert	depth, *7_8m*	10º 34'.7 S	141º 36'.3 E
Delete	depth, 8_6m	10º 35'.0 S	141º 34'.0 E

Aus 4720 (INT 720) [*139/2012*]

Substitute	depth, *7_8m,* for depth, 8_6m	10º 35'.0 S	141º 36'.0 E

AX 04620U [*582/2012*]

Insert	depth, *7_8m*	10º 34'.7 S	141º 36'.3 E
Delete	depth, 8_6m	10º 35'.0 S	141º 34'.0 E

AX 04720U [*NE 20/4/2012*]

Substitute	depth, *7_8m,* for depth, 8_6m	10º 35'.0 S	141º 36'.0 E

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588* AUSTRALIA - NORTHERN TERRITORY - Shepparton Shoal - Depths
HMAS *Melville* (DHDB 1787020)

Aus 309 [*389/2012*]
Substitute depth, *15_3m,*for depth, 15_8m 12º 06'.6 S 129º 55'.0 E

Aus 722 [*140/2012*]
Substitute depth, *15_3m,*for depth, 15_8m 12º 06'.6 S 129º 55'.0 E

Aus 4603 (INT 603) [*434/2012*]
Substitute depth, *14m,* for depth, 11m 12º 05'.0 S 129º 54'.0 E

Aus 4721 (INT 721) [*432/2012*]
Substitute depth, *14_6m,* for depth, 11_3m 12º 05'.0 S 129º 54'.0 E

AX 00309U [*NE 20/4/2012*]
Substitute depth, *15_3m,*for depth, 15_8m 12º 06'.6 S 129º 55'.0 E

AX 72309 [*389/2012*]
Substitute depth, *15_3m,*for depth, 15_8m 12º 06'.6 S 129º 55'.0 E

AX 72722 [*140/2012*]
Substitute depth, *15_3m,*for depth, 15_8m 12º 06'.6 S 129º 55'.0 E

AX 04603U [*434/2012*]
Substitute depth, *14m,* for depth, 11m 12º 05'.0 S 129º 54'.0 E

AX 04721U [*432/2012*]
Substitute depth, *14_6m,* for depth, 11_3m 12º 05'.0 S 129º 54'.0 E

589* AUSTRALIA - TIMOR SEA - Cartier Islet to Johnson Bank - Depths
HMAS *Melville* (DHDB 1793674)

Aus 314 [*431/2012*]
Delete depth, 35m, and enclosing contour 12º 30'.8 S 123º 32'.2 E
depth, 82m, and enclosing contour 12º 23'.7 S 123º 11'.3 E

Aus 319 [*1008/2011*]
Delete depth, 35m, and enclosing contour 12º 30'.8 S 123º 32'.2 E
depth, 82m, and enclosing contour 12º 23'.7 S 123º 11'.3 E

AX 00314U [*431/2012*]
Delete depth, 35m, and enclosing contour 12º 30'.8 S 123º 32'.2 E
depth, 82m, and enclosing contour 12º 23'.7 S 123º 11'.3 E

AX 00319U [*NE 20/4/2012*]
Delete depth, 35m, and enclosing contour 12º 30'.8 S 123º 32'.2 E
depth, 82m, and enclosing contour 12º 23'.7 S 123º 11'.3 E

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590* AUSTRALIA - WESTERN AUSTRALIA - Dampier - Depths
Van Oord (DHDB 2086390)

Aus 57 [*326/2012*]

Insert	depth, *7₆m*	20º 37'.33 S	116º 42'.07 E
Delete	depth, 7_9m	20º 37'.3 S	116º 42'.1 E

Aus 58 [*326/2012*]

Insert	depth, *7₆m*	20º 37'.325 S	116º 42'.071 E
	depth, *7₄m*	20º 37'.892 S	116º 42'.955 E
Delete	depth, 7_9m	20º 37'.29 S	116º 42'.09 E
	depth, 7_8m	20º 37'.83 S	116º 42'.92 E

Aus 59 [*326/2012*]

Insert	depth, *7₇m*	20º 37'.863 S	116º 42'.824 E
	depth, *7₄m*	20º 37'.892 S	116º 42'.955 E
Delete	depth, 8_2m	20º 37'.88 S	116º 42'.85 E
	depth, 7_9m	20º 37'.91 S	116º 42'.98 E

Aus 60 [*326/2012*]

Insert	depth, *7₈m*	20º 37'.254 S	116º 42'.103 E
	depth, *7₆m*	20º 37'.325 S	116º 42'.071 E
	depth, *7₇m*	20º 37'.863 S	116º 42'.824 E
	depth, *7₄m*	20º 37'.892 S	116º 42'.955 E
Delete	depth, 8_3m	20º 37'.24 S	116º 42'.13 E
	depth, 7_8m	20º 37'.34 S	116º 42'.06 E
	depth, 8_2m	20º 37'.88 S	116º 42'.84 E
	depth, 7_9m	20º 37'.91 S	116º 42'.98 E

591* AUSTRALIA - WESTERN AUSTRALIA - Exmouth Gulf - Chart note
M Trigar (AA601612)

Aus 744 [*492/2012*]

Insert	accompanying note	22º 02'.5 S	114º 50'.0 E

592* INDIAN OCEAN - Christmas Island - Depth
HMAS *Leeuwin* (DHDB 2115050)

Aus 400 [*438/2012*]

Delete	depth, 183m, and enclosing contour with legend ED	10º 22'.4 S	105º 42'.2 E

Aus 608 [*438/2012*]

Delete	depth, 183m, and enclosing contour with legend ED	10º 22'.4 S	105º 42'.2 E

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593* AUSTRALIA - WESTERN AUSTRALIA - TASMANIA - Cape Leeuwin to Cape Howe - Chart note
Australian Hydrographic Service (AA602708)

Aus 4644 (INT 644) [*1015/2011*]			
Substitute	accompanying note for CN note	42º 08'.0 S	146º 10'.0 E
Aus 4709 (INT 709) [1192/2011]			
Substitute	accompanying note for CN note	35º 10'.0 S	141º 10'.0 E
Aus 4726 (INT 726) [1192/2011]			
Substitute	accompanying note for CN note	33º 00'.0 S	119º 35'.0 E
Aus 4727 (INT 727) [*445/2012*]			
Substitute	accompanying note for CN note	32º 15'.0 S	123º 10'.0 E
Aus 4728 (INT 728) [*330/2012*]			
Substitute	accompanying note for CN note	34º 00'.0 S	143º 35'.0 E

594* AUSTRALIA - SOUTH AUSTRALIA - Thevenard - Chart limit
Australian Hydrographic Service (AA602820)

Aus 341 [*445/2012*]			
Insert	magenta limits with legend *Aus 120* in SW corner, between	32º 30'.7 S	133º 03'.8 E
		32º 30'.7 S	133º 57'.2 E
		32º 04'.2 S	133º 57'.2 E
		32º 04'.2 S	133º 03'.8 E
		32º 30'.7 S	133º 03'.8 E
Delete	magenta limits with legend Aus 120, centred on	32º 15'.0 S	133º 30'.0 E

595* AUSTRALIA - BASS STRAIT - King Island - Depth; legend
LADS Flight (AA601871, AA601872)

Aus 487 [*1015/2011*]			
Insert	depth, *15m,* enclosed by contour	40º 10'.06 S	143º 47'.32 E
Delete	depth, 18_3m, and enclosing contour	40º 09'.9 S	143º 48'.1 E
Aus 789 [*1014/2011*]			
Insert	depth, *15m,* enclosed by contour	40º 10'.06 S	143º 47'.32 E
Delete	legend, Rep (1984)	40º 11'.2 S	143º 46'.9 E
	depth, 18_3m, and enclosing contour	40º 09'.9 S	143º 47'.9 E
Aus 4601 (INT 601) [*582/2012*]			
Substitute	depth, *15m,* for depth 18m	40º 10'.0 S	143º 47'.0 E
Aus 4644 (INT 644) [*593/2012*]			
Substitute	depth, *15m,* for depth 18_3m	40º 10'.0 S	143º 47'.0 E
Aus 4709 (INT 709) [*593/2012*]			
Substitute	depth, *15m,* for depth 18m	40º 10'.0 S	143º 47'.0 E
Aus 4728 (INT 728) [*593/2012*]			
Substitute	depth, *15m,* for depth 18_3m	40º 10'.0 S	143º 47'.0 E

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596* AUSTRALIA - VICTORIA - Port Phillip - Davey Point - Beacon; aerobeacon
Former Notice - 478(T)/2012 is cancelled
Victorian Notice 92/2012 (AA602929)

Aus 143 [*549/2012*]

Move	beacon	38º 09'.7 S	145º 05'.1 E
	to	38º 09'.67 S	145º 05'.09 E
Delete	aeronautical radiobeacon	37º 58'.6 S	145º 05'.5 E

I

597(T)/2012 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information
Former Notice - 550(T)/2012 is cancelled
Newcastle Port Corporation (AA604450, AA604946)

Available depths as at 13 June 2012:

	Berth	*Metres*
	Western Basin 3	11.3
	Western Basin 4	11.3
	Eastern Basin 1	11.3
	Eastern Basin 2 North of Ch 450	11.6
	Eastern Basin 2 South of Ch 450	11.0
	Channel Berth	8.3
*	Dyke 1	12.1
*	Dyke 2	11.8
	Dyke 4	16.5
	Dyke 5	16.5
	Dyke 6	6.3
	Mayfield 4 Ch 27 to 266	12.0
	BHP Wharf 6 to Ch 1050	7.3
*	Kooragang 2	11.2
*	Kooragang 2 North Dolphin Ch 182 to 228	11.0
*	Kooragang 2 South Dolphin Ch -92 to 00	11.0
	Kooragang 3	12.8
*	Kooragang 4	16.5
*	Kooragang 5	16.5
	Kooragang 6	16.5
	Kooragang 7	16.5
	Kooragang 8	16.5
	Kooragang 9	16.3
	Kooragang Ship Receival KSR	7.5
	Throsby 1	8.4
	Carrington Wharf	To be sounded as and when required
	Foreshore Park Berth	5.9
	Elgo Wharf	To be sounded as and when required
	Channels	
	Entrance Approach	17.7
	Entrance Channel (18.0m)	18.0
	Entrance Channel (17.4m)	17.4
	Entrance Channel (16.8m)	16.8
	Entrance Channel (16.2m)	16.2
	Entrance Channel to Horseshoe	15.2
	Horseshoe	15.0
	Steelworks Channel to Swinging Basin	15.0
*	Swinging Basin	15.0
*	Hunter River South Arm (Kooragang 6 to buoy 16)	15.0
	Hunter River South Arm (buoy 16 to buoy 18)	14.9
	Basin Cutting	12.6
	Basin Area to Eastern & Western Basin Berths	12.3
	Basin Area to 1 Throsby	9.4
	Stockton Crossing	3.6

* Indicates revised entry.

Chart temporarily affected – Aus 207 – Aus 208

I

598(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Brisbane River - Depth information
Former Notice - 552(T)/2012 is cancelled
Brisbane Port Corporation (AA604517)

Available depths and under keel clearances (UKC) at 12 June 2012:

	Berth	*Metres*	*Remarks*
	Fisherman Islands No10	14.0	
*	Fisherman Islands No9	14.1	
	Fisherman Islands No8	14.1	
	Fisherman Islands No7	14.0	
	Fisherman Islands No6	14.1	
*	Fisherman Islands No5	14.0	
*	Fisherman Islands No4	14.1	
	Fisherman Islands No3	14.0	
	Fisherman Islands No2	14.0	
	Fisherman Islands No1	14.1	
*	Fisherman Islands Grain and Woodchip	13.3	
	Caltex Fisherman Islands	14.5	
	Fisherman Islands Coal	14.0	
	Fisherman Islands General Purpose	11.5	
	BP Luggage Point	14.4	
	Caltex Products	10.1	
	Cement Australia Co Wharf	9.7	
*	BP Products	10.9	
	Shell	10.9	
	Pacific Terminals	10.8	
	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	7.0	
	Brisbane Naval Wharf	4.3	
	Maritime No3	5.6	(not maintained)
	Maritime No2	7.6	
	Maritime No1	9.0	
	Hamilton No4	10.5	
	Hamilton No1	8.7	
	Brisbane Cruise Ship Terminal	9.0	

	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	6.0	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 Bar Cutting	13.8	1.46
Fisherman Islands Swing Basin	13.8	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	8.7	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

599(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer
Former Notice - 397(T)/2012 is cancelled
Date - Until 31 July 2012
Maritime Safety Queensland Notice 583(T)/2012 (AA603572)

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

Chart temporarily affected – Aus 236

600(T)/2012 AUSTRALIA - QUEENSLAND - Moreton Bay - Scarborough - Shoaling
Maritime Safety Queensland Notice 609(T)/2012 (AA604629)

Shoaling with a least depth of *1.7m* exists on the northern toeline adjacent to beacon No8 (27° 11'·62 S 153° 06'·18 E). A least depth of *2m* exists between the entrance beacons (27° 10'.96 S 153° 06'.15 E) and the western boat ramp.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 236

601(T)/2012 AUSTRALIA - QUEENSLAND - Mooloolaba - Shoaling; dredging operations
Former Notice - 554(T)/2012 is cancelled
Maritime Safety Queensland Notice 585(T)/2012 (AA604463)

Shoaling with a least depth of *2.7m* exists within the main channel to Mooloolah River; a least depth of *1.1m* exists adjacent to the eastern breakwater (26° 40'.76 S 153° 07'.95 E) and a shoal least depth *0.5m* exists between positions 26° 40'.81 S 153° 07'.93 E and 26° 40'.82 S 153° 07'.83 E.

The dredge *Saibai* and support vessels *Bula* and *Sigma* are 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.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 235

602(T)/2012 AUSTRALIA - QUEENSLAND - Curtis Channel - Wreck
Maritime Safety Queensland Notice 579(T)/2012 (AA603887)

A wreck exists in position 24° 08'.89 S 152° 12'.12 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 818

I

603(T)/2012 AUSTRALIA - QUEENSLAND - Gladstone - Drilling operations
Date - Until 16 September 2012
Maritime Safety Queensland Notice 562(T)/2012 (AA603058)

Jack-up barges *Sealift 3, Sealift 2,* and *The Shine* and support vessels *Sea Cat, Sea Rib* and *Abyss Dive* are conducting drilling operations in areas bounded by the following positions:

23º 47'.22 S 151º 12'.49 E
23º 47'.22 S 151º 12'.69 E
23º 47'.48 S 151º 12'.69 E
23º 47'.48 S 151º 12'.49 E
23º 47'.22 S 151º 12'.49 E, and

23º 47'.47 S 151º 13'.68 E
23º 47'.65 S 151º 14'.08 E
23º 47'.80 S 151º 14'.08 E
23º 47'.79 S 151º 13'.59 E
23º 47'.71 S 151º 13'.59 E
23º 47'.47 S 151º 13'.68 E, and

23º 47'.80 S 151º 13'.63 E
23º 47'.80 S 151º 13'.87 E
23º 48'.69 S 151º 14'.04 E
23º 48'.79 S 151º 14'.04 E
23º 48'.79 S 151º 13'.84 E
23º 48'.63 S 151º 13'.69 E
23º 48'.07 S 151º 13'.41 E
23º 47'.80 S 151º 13'.63 E, and

23º 48'.80 S 151º 13'.78 E
23º 48'.81 S 151º 13'.94 E
23º 48'.93 S 151º 13'.84 E
23º 49'.38 S 151º 13'.21 E
23º 49'.68 S 151º 13'.23 E
23º 49'.76 S 151º 13'.23 E
23º 49'.87 S 151º 13'.28 E
23º 49'.83 S 151º 13'.10 E
23º 49'.37 S 151º 12'.96 E
23º 48'.80 S 151º 13'.78 E.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 245

604(T)/2012 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing
Former Notice - 557(T)/2012 is cancelled
Date - Until 24 July 2012
Maritime Safety Queensland Notice 610(T)/2012 (AA604441)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 10 June to 23 July 2012.

A marine danger area extends to all to all internal waters bounded by the following positions:

22° 23'.84 S 150° 18'.02 E
22° 35'.87 S 150° 28'.80 E
22° 40'.00 S 150° 38'.00 E
22° 24'.18 S 150° 40'.05 E
22° 19'.92 S 150° 45'.05 E
22° 09'.00 S 150° 37'.00 E
22° 09'.00 S 150° 25'.00 E
22° 14'.76 S 150° 20'.31 E
22° 21'.11 S 150° 17'.03 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 260 – Aus 261 – Aus 367 – Aus 820 – Aus 822 – AX 60260 – AX 67261 – AX 00260S – AX 00367S – AX 00820S – AX 00822S

605(T)/2012 AUSTRALIA - QUEENSLAND - Bowen - Wreck
Former Notice - 509(T)/2012 is cancelled
Maritime Safety Queensland Notice 608(T)/2012 (AA604444)

A wreck marked by a special spar buoy exists in position 20° 01'.4 S 148° 15'.5 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 268

I

606(T)/2012 AUSTRALIA - QUEENSLAND - Cape Bowling Green - Light buoys
Former Notice - 406(T)/2012 is cancelled
Date - Until 15 November 2012
Australian Institute of Marine Science (AA603983, AA603998, AA603999), Maritime Safety Queensland Notice 606(T)/2012 (AA604440)

The isolated danger light buoy, *Fl(2)5s* (19° 18'.10 S 147° 37'.03 E), is off station.

A special pillar light buoy, *Fl.5s,* exists in position 19° 18'.26 S 147° 37'.19 E.

Chart temporarily affected – Aus 826 – Aus 827

607(T)/2012 AUSTRALIA - QUEENSLAND - Magnetic Island - Nobby Head - Wreck salvaged
Former Notice - 407(T)/2012 is cancelled
Maritime Safety Queensland Notice 571/2012 (AA603039)

Cancel this notice on receipt.

Chart formerly affected – Aus 256 – Aus 827

608(T)/2012 AUSTRALIA - QUEENSLAND - Mourilyan - Dredging completed
Former Notice - 562(T)/2012 is cancelled
Maritime Safety Queensland Notice 580(T)/2012 (AA604617)

Cancel this notice on receipt.

Chart formerly affected – Aus 258

609(P)/2012 PAPUA NEW GUINEA - Caution Bay - Navaids to be established
Date - On or about 1 November 2012
ExxonMobil Australia (AA604216, AA604217)

Light beacons and light buoys will be established as follows:

Name	*Position*	*Characteristic*	*Remarks*
R1	9° 17'.90 S 146° 55'.75 E	*Fl.R.3s*	
R3	9° 18'.10 S 146° 57'.26 E	*Fl.R.3s*	
R5	9° 18'.43 S 146° 58'.35 E	*Q.R*	
R7	9° 19'.12 S 146° 58'.78 E	*Fl.R.3s*	
R9	9° 19'.62 S 146° 58'.94 E	*Fl.R.3s*	
G2	9° 18'.31 S 146° 55'.72 E	*Fl.G.3s*	
G4	9° 18'.54 S 146° 57'.25 E	*Fl.G.3s*	
G6	9° 18'.82 S 146° 58'.10 E	*Fl.G.3s*	
G8	9° 19'.34 S 146° 58'.45 E	*Fl.G.3s*	
G10	9° 19'.76 S 146° 58'.57 E	*Fl.G.3s*	
Y11	9° 20'.07 S 146° 59'.10 E	*Fl.Y.3s*	special buoy
Y12	9° 20'.15 S 146° 58'.64 E	*Fl.Y.3s*	special buoy
TB1	9° 20'.40 S 146° 58'.72 E	*Q.Y*	special buoy
TB2	9° 20'.71 S 146° 59'.01 E	*Q.Y*	special buoy
RL1	9° 18'.58 S 146° 59'.47 E	*Iso.4s*	
RL2	9° 17'.98 S 146° 58'.19 E	*F.Bu*	
FL1	9° 18'.54 S 146° 59'.16 E	*Q*	
FL2	9° 18'.05 S 146° 58'.21 E	*F.Bu*	

Chart which will be affected – Aus 379

I

610(T)/2012 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations
Date - Until 18 July 2012
Maritime Safety Queensland Notice 580(T)/2012 (AA604617)

The vessel *Pacific Conquest* is 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

611(T)/2012 AUSTRALIA - NORTHERN TERRITORY - Troubadour Shoals - Scientific instruments
Former Notice - 950(T)/2004 is cancelled
Woodside Energy Ltd (AA603326)

Cancel this notice on receipt.

Chart formerly affected – Aus 309 – Aus 311 – Aus 315

612(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Scott Reef - Seismic survey
Date - Until 25 July 2012
Woodside Energy Ltd (AA591661, AA591662)

MV *Geo Atlantic* and support vessel *Cassandra 6* on 25 June will commence a survey in the area bounded by the following positions:
14° 36'.1 S 121° 00'.9 E
14° 20'.4 S 121° 17'.5 E
14° 20'.5 S 121° 31'.9 E
14° 38'.9 S 121° 31'.8 E
14° 52'.6 S 121° 17'.4 E

Chart temporarily affected – Aus 322 – Aus 4722 (INT 722) – AX 00322U – AX 04722U

613(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Rowley Shoals - Seismic survey
Date - Until 1 February 2013
Woodside Energy Ltd (AA596324, AA604503, AA604504)

SV *Polarcus Alima* with a 6000m towed array and support vessels *Sealink 161* and *Empress* are conducting a survey in the area bounded by the following positions:
15° 49'.92 S 119° 53'.37 E
15° 49'.92 S 120° 15'.08 E
16° 10'.89 S 120° 15'.08 E
17° 24'.92 S 118° 29'.30 E
17° 24'.92 S 118° 25'.11 E
17° 05'.73 S 118° 10'.08 E
16° 34'.92 S 118° 10'.08 E
16° 34'.92 S 118° 16'.46 E
16° 48'.50 S 118° 27'.07 E.

Chart temporarily affected – Aus 325 – Aus 4722 (INT 722) – AX 04722U

I

614(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Pipeline
Former Notice - 522(T)/2012 is cancelled
Date - Until 15 November 2012
Department of Transport WA (AA601233)

SPV *Java Constructor* and support vessels are conducting pipe laying operations between the following positions:
20° 48'.29 S 115° 29'.12 E
20° 49'.09 S 115° 28'.88 E
20° 49'.76 S 115° 28'.99 E
20° 51'.93 S 115° 28'.73 E
20° 53'.71 S 115° 30'.36 E
21° 05'.40 S 115° 42'.21 E
21° 10'.47 S 115° 49'.49 E
21° 11'.58 S 115° 50'.64 E.

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

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 62 – Aus 327 – Aus 328 – Aus 742 – Aus 743

615(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Montebello Islands - Drill rig northwestwards
Date - Until 9 September 2012
Apache Energy Ltd (AA604835, AA604836)

Drill rig *Atwood Falcon* is conducting drilling operations in position 20° 01'.83 S 115° 12'.10 E.

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

616(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards
Former Notice - 470(T)/2012 is cancelled
Date - Until 1 August 2012
Chevron Australia Pty Ltd (AA596226)

Drill rig *Atwood Osprey* is conducting drilling operations in position 20° 27'.62 S 114° 50'.53 E.

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

617(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Barrow Island - Drill rig northwestwards
Former Notice - 523(T)/2012 is cancelled
Date - Until 31 July 2012
Australian Maritime Safety Authority Auscoast Warning 151/2012 (AA603540)

Drill rig *Jack Bates* is conducting drilling operations in position 20° 28'.74 S 113° 55'.65 E.

Chart temporarily affected – Aus 328 – Aus 329 – Aus 4723 (INT 723) – AX 04723U

618(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Exmouth Plateau - Seismic survey
Date - Until 1 August 2012
Searcher Seismic AA604940, AA604941

MV *Aquila Explorer* with a 8000m towed array is conducting a survey in the area bounded by the following positions:
18° 48'.0 S 110° 30'.0 E
20° 00'.0 S 110° 30'.0 E
20° 00'.0 S 111° 12'.0 E
19° 18'.0 S 111° 30'.0 E
19° 18'.0 S 112° 30'.0 E
18° 48'.0 S 112° 30'.0 E

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

I

619(T)/2012 AUSTRALIA - WESTERN AUSTRALIA - Locker Island to Murion Island - Pipeline
Date - Until 15 December 2012
BHP Billliton (AA604285, AA604286)

DB30, dredge *Baldur* and support vessels MV *Statum* and MV *Ocean Spirit* are conducting pipe laying operations between the following positions:

21° 34'.37 S 114° 11'.79 E	21° 33'.04 S 114° 16'.05 E
21° 32'.19 S 114° 23'.43 E	21° 32'.78 S 114° 32'.03 E
21° 34'.18 S 114° 34'.09 E	21° 35'.28 S 114° 34'.47 E
21° 39'.59 S 114° 38'.33 E	21° 40'.63 S 114° 45'.30 E
21° 42'.31 S 114° 47'.65 E	21° 42'.96 S 114° 48'.42 E
21° 43'.64 S 114° 49'.47 E	21° 44'.32 S 114° 50'.77 E.

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

A 1000m exclusion zone exists either side of the pipeline route.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 328 – Aus 329 – Aus 743 – Aus 744

620(T)/2012 AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Snake Island - Light relit
Former Notice - 573(T)/2012 is cancelled
Marine and Safety Tasmania Notice 55/2012 (AA603571)

Cancel this notice on receipt.

Chart formerly affected – Aus 173

621(T)/2012 AUSTRALIA - TASMANIA - River Tamar - Egg Island - Beacon destroyed
Marine and Safety Tasmania Notice 60/2012 (AA605017)

The port lateral beacon (41° 14'.37 S 146° 57'.66 E) has been destroyed.

Chart temporarily affected – Aus 168

622(T)/2012 AUSTRALIA - CORAL SEA - Light buoy off station
Former Notice - 580(T)/2012 is cancelled
Bureau of Meteorology (AA604984)

The light buoy, *Fl.Y.2s,* (14° 47'.8 S 153° 34'.7 E), is drifting and currently in position 12° 14'.78 S 145° 35'.60 E (13 June 2012).

Chart temporarily affected – Aus 4620 (INT 620) – Aus 4621 (INT 621) – AX 04620U – AX 04621U

HYDROGRAPHIC REPORTS

Locality	*Report*	*Ship/Authority*	*Observer*
WA – Point Murat	ESSA limit		M Trigar
SA- Port Lincoln	Obstruction	MV *Friendly Seas*	

NAVIGATION WARNINGS

The following radio messages have been received during the period to 15 June 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

145 Special purpose vessel *Polarcus Alima* conducting seismic survey towing 4M cable in an area bounded by 16º 30'·0 S to 17º 40'·0 S and 118º 00'·0 E to 119º 10'·0 E. 8M clearance requested.
146 Special purpose vessel *Geo Atlantic* conducting seismic survey in an area bounded by 17º 50'·0 S to 18º 46'·0 S and 118º 00'·0 E to 120º 08'·0 E. 6M clearance requested.
147 Cancelled.
148 Cancelled.
149 Cancelled.
150 Cancelled.
151 Drill rig *Jack Bates* in position 20º 28'·44 S 113º 55'·39 E. 2·5M clearance requested.
152 Cancelled.
153 8 new yellow 7m x 4m buoys established within area bounded by 19º 34'·0 S to 19º 36'·0 S and 116º 06'·5 E to 116º 09'·5 E.
154 Submerged turret production buoy in position 12º 39'·35 S 124º 32'·41 E.
155 Cancelled.
156 Cancelled.
157 Scientific instrument deployed in position 15º 09'·13 S 124º 51'·11 E at 090500UTC JUN 12. Instrument consists of one 6m tide pole marked by four yellow floats. Request 1M clearance.
158 Cancelled.
159 Drill rig *Ensco 104* in position 20º 29'·00 S 115º 42'·78 E. 2·5M clearance requested.
160 Cancelled.
161 Drill rig *Atwood Osprey* in position 20º 27'·37 S 114º 50'·32 E. 2·5M clearance requested.
162 Submerged mooring established in position 20º 26'·06 S 116º 51'·01 E.

NAVAREA X WARNINGS

011 Cancelled.
012 Cancelled.
013 Cancelled.

Navigational warnings in force as at 150001UTC JUN 12.

Auscoast
2011 337
2012 102 103 112 118 121 126 129 136 137 140 141 143 145 146 151 153 154 157 161 162

Navarea X
2012 005 008

Summary of mobile drilling rigs as at 150001UTC JUN 12.

Name	*Position*
Ocean Patriot	11º 59'·22 S 124º 35'·55 E
Ensco 109	12º 40'·20 S 124º 32'·22 E
Transocean Legend	13º 39'·24 S 122º 17'·52 E
Ocean America	19º 08'·80 S 115º 59'·10 E
Ensco 104	20º 29'·00 S 115º 42'·78 E
Atwood Eagle	20º 20'·47 S 114º 52'·55 E
Atwood Osprey	20º 27'·37 S 114º 50'·32 E
Deepwater Frontier	19º 49'·84 S 114º 34'·17 E
Jack Bates	20º 28'·44 S 113º 55'·39 E
Stena Clyde	39º 06'·50 S 142º 57'·01 E

NAVAREA XIV WARNINGS

045 Cancelled.
047 Cancelled.
048 Cancelled.
049 Cancelled.

Navarea XIV warnings in force as at 150001UTC JUN 12.

028 044

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4601 (INT 601).

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart AX 04620U.

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4602 (INT 602).

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart AX 04621U.

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4620 (INT 620).

To accompany Australian Notice to Mariners 591/2012

ENVIRONMENTALLY SENSITIVE SEA AREA (ESSA)

Areas of this chart are Environmentally Sensitive Sea Areas (ESSA). Areas within this marine protected area have restrictions on access and activities. See Australian Seafarers Handbook AHP 20.

Note for chart Aus 744.

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4621 (INT 621).

To accompany Australian Notice to Mariners 593/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4644 (INT 644).

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4635 (INT 635).

To accompany Australian Notice to Mariners 593/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4709 (INT 709).

To accompany Australian Notice to Mariners 582/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4643 (INT 643).

To accompany Australian Notice to Mariners 593/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4726 (INT 726).

To accompany Australian Notice to Mariners 593/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4727 (INT 727).

To accompany Australian Notice to Mariners 593/2012

COASTAL NAVIGATION

This chart has been produced for route planning and ocean transit purposes. Certain lights and other aids to navigation have been omitted. For coastal navigation the largest scale Australian navigation charts must be used.

Note for chart Aus 4728 (INT 728).