



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

AUSTRALIAN NOTICES TO MARINERS

Notices 689 - 741 

Published fortnightly by the Australian Hydrographic Service

Commodore R. NAIRN RAN
Hydrographer of Australia

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- SECTIONS.**
- I. **Australian Notices to Mariners, including blocks and notes.**
 - II. **Hydrographic Reports.**
 - III. **Navigational Warnings.**

For Notices affecting Admiralty List of Lights and Fog Signals; List of Radio Signals; and Sailing Directions see **British Notices to Mariners.**

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.*

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

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IMPORTANT NOTICE

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NUMERICAL INDEX OF NOTICES TO MARINERS

Edition No 12

Notices	Aus Chart, INT Chart, ENC Cell, AHP
689.....	Aus 141, 822, AX 0249E, 0260E, 0367E, 0820E, 0822E, 0823E
690.....	Amendment to Australian National Tide Tables 2009
691.....	Aus 197, 221, 806, 807, 808, 810, 811, 812, 813, AX 0808E
692.....	Aus 219
693.....	Aus 236
694.....	Aus 364
695.....	Aus 366, 367, 819, 820
696.....	Aus 260, 367, 426, AX 60260
697.....	Aus 256, 257
698.....	Aus 257
699.....	Aus 264
700.....	Aus 833, 834
701.....	Aus 840
702.....	Aus 386, 387, 673
703.....	Aus 299
704.....	Aus 18, 308, 721
705.....	Aus 26, 29, 308, 722, AX 72026, 72722
706.....	Aus 317, AX 0317F
707.....	Aus 4708, INT 708, AX 4708F
708.....	Aus 50
709.....	Aus 53
710.....	Aus 327
711.....	Aus 329
712.....	Aus 140
713.....	Aus 349, 786
714.....	Aus 143
715(T).....	Aus 198, 199, AU 5198X9
716(T).....	Aus 207, 208, AU 5XX208
717(T).....	Aus 813, 814
718(T).....	Aus 236
719(T).....	Aus 236
720(T).....	Aus 238, AU5237X8
721(T).....	Aus 245, AU5244X5
722(T).....	Aus 248, 260, 261, 367, 820, 822, AX 60260, 67248, 67261, AU423150, 5261P1, 5261P2, 5XX248
723(T).....	Aus 260, 261, 367, 822, AX 60260, 67261, AU423150, 5261P2
724(T).....	Aus 250, AU5250P1
725(T).....	Aus 263, 264, AU5262X4
726(T).....	Aus 830, AU417145
727(T).....	Aus 830, 831
728(T).....	Aus 701
729(T).....	Aus 4, 701, AU413141
730(P).....	Aus 715
731(T).....	Aus 52, 53, 54, 326, 739, 740
732(T).....	Aus 53, 739, 740
733(T).....	Aus 52, 53, 326, 739, 740
734(P).....	Aus 57, 58, 59, 327, 328, 415, 416, 741, 742, AX 0415F, AU320115, 421115, 421116
735(T).....	Aus 64, 743, 744, AU417145
736(T).....	Aus 143, 144, 158, AU439144
737(P).....	Aus 143, 144, 158, AU5143P4
738(T).....	Aus 143, 158, AU439144
739(T).....	Aus 143, 155, AU438144
740(T).....	Aus 182
741(T).....	Aus 182

NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 12

Aus Chart	Notices	Aus Chart	Notices
Aus 4.....	729(T)	Aus 721	704
Aus 18.....	704	Aus 722	705
Aus 26.....	705	Aus 739	731(T), 732(T), 733(T)
Aus 29.....	705	Aus 740	731(T), 732(T), 733(T)
Aus 50.....	708	Aus 741	734(P)
Aus 52.....	731(T), 733(T)	Aus 742	734(P)
Aus 53.....	709, 731(T), 732(T), 733(T)	Aus 743	735(T)
Aus 54.....	731(T)	Aus 744	735(T)
Aus 57.....	734(P)	Aus 786	713
Aus 58.....	734(P)	Aus 806	691
Aus 59.....	734(P)	Aus 807	691
Aus 64.....	735(T)	Aus 808	691
Aus 140.....	712	Aus 810	691
Aus 141.....	689	Aus 811	691
Aus 143.....	714, 736(T), 737(P), 738(T), 739(T)	Aus 812	691
Aus 144.....	736(T), 737(P)	Aus 813	691, 717(T)
Aus 155.....	739(T)	Aus 814	717(T)
Aus 158.....	736(T), 737(P), 738(T)	Aus 819	695
Aus 182.....	740(T), 741(T)	Aus 820	695, 722(T)
Aus 197.....	691	Aus 822	689, 722(T), 723(T)
Aus 198.....	715(T)	Aus 830	726(T), 727(T)
Aus 199.....	715(T)	Aus 831	727(T)
Aus 207.....	716(T)	Aus 833	700
Aus 208.....	716(T)	Aus 834	700
Aus 219.....	692	Aus 840	701
Aus 221.....	691	Aus 4708	707
Aus 236.....	693, 718(T), 719(T)	AX 0249E	689
Aus 238.....	720(T)	AX 0260E	689
Aus 245.....	721(T)	AX 0367E	689
Aus 248.....	722(T)	AX 0820E	689
Aus 250.....	724(T)	AX 0822E	689
Aus 256.....	697	AX 0823E	689
Aus 257.....	697, 698	AX 0317F	706
Aus 260.....	696, 722(T), 723(T)	AX 0415F.....	734(P)
Aus 261.....	722(T), 723(T)	AX 0808E	691
Aus 263.....	725(T)	AX 4708F.....	707
Aus 264.....	699, 725(T)	AX 60260.....	696, 722(T), 723(T)
Aus 299.....	703	AX 67248.....	722(T)
Aus 308.....	704, 705	AX 67261.....	722(T), 723(T)
Aus 317.....	706	AX 72026.....	705
Aus 326.....	731(T), 733(T)	AX 72722.....	705
Aus 327.....	710, 734(P)		
Aus 328.....	734(P)		
Aus 329.....	711	INT Chart	Notices
Aus 349.....	713	INT 708.....	707
Aus 364.....	694		
Aus 366.....	695		
Aus 367.....	695, 696, 722(T), 723(T)		
Aus 386.....	702		
Aus 387.....	702		
Aus 415.....	734(P)		
Aus 416.....	734(P)		
Aus 426.....	696		
Aus 673.....	702		
Aus 701.....	728(T), 729(T)		
Aus 715.....	730(P)		

ENC Cell	Notices
AU320115	734(P)
AU413141	729(T)
AU417145	726(T), 735(T)
AU421115	734(P)
AU421116	734(P)
AU423150	722(T), 723(T)
AU438144	739(T)
AU439144	736(P), 738(T)
AU5143P4.....	737(P)
AU5198X9.....	715(T)
AU5237X8.....	720(T)
AU5244X5.....	721(T)
AU5250P1.....	724(T)
AU5261P1.....	722(T)
AU5261P2.....	722(T), 723(T)
AU5262X4.....	725(T)
AU5XX208	716(T)
AU5XX248	722(T)

690 AUSTRALIA - Product - Amendment to Australian National Tide Tables 2009
 Australian Hydrographic Service (AA410874)

Page xxxiv	
<i>Insert</i>	Port Alma To Chart Datum AUS 265 NC 27 MAR 2009 0.0
Page xxxvi	
<i>Amend</i>	Urangan To Chart Datum to AUS 241 NC 10 APR 2009 0.0
Page xxxviii	
<i>Insert</i>	Yamba To Chart Datum AUS 812 NC 10 APR 2009 0.0
<i>Insert</i>	Yamba To Chart Datum AUS 813 NC 24 APR 2009 0.0
Page 358	
<i>Amend</i>	UNGOWA To Chart Datum to 0.0
<i>Amend</i>	BOONLYE POINT To Chart Datum to 0.0
<i>Amend</i>	ELBOW POINT To Chart Datum to 0.0
Page 360	
<i>Amend</i>	POINT DANGER To Chart Datum to 0.0
<i>Amend</i>	TWEED R. To Chart Datum to 0.0
<i>Amend</i>	KINGSCLIFF To Chart Datum to 0.0

691* AUSTRALIA - NEW SOUTH WALES - Twofold Bay to Cape Byron - Fish aggregating devices
 Department of Primary Industries (AA402185, AA404303)

Aus 197 [1065/2008]

<i>Amend</i>	legend to <i>(Sep - Jun)</i>	33° 30'.1 S	151° 38'.4 E
	legend to <i>(Sep - Jun)</i>	33° 35'.6 S	151° 34'.8 E
	legend to <i>(Sep - Jun)</i>	33° 47'.0 S	151° 23'.0 E
	legend to <i>(Sep - Jun)</i>	33° 59'.6 S	151° 27'.0 E
	legend to <i>(Sep - Jun)</i>	33° 59'.3 S	151° 20'.6 E

Aus 221 [641/2009]

<i>Amend</i>	legend to <i>(Sep - Jun)</i>	29° 52'.7 S	153° 26'.3 E
	legend to <i>(Sep - Jun)</i>	30° 14'.9 S	153° 21'.8 E

Aus 806 [350/2009]

<i>Amend</i>	legend to <i>(Sep - Jun)</i>	36° 58'.7 S	150° 16'.9 E
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Aus 807 [585/2009]

<i>Delete</i>	light buoy	34° 58'.3 S	150° 57'.7 E
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Aus 808 [133/2009]

<i>Insert</i>	special conical light buoy, <i>Fl.Y.5s (Sep - Jun)</i> , with topmark	34° 56'.20 S	150° 58'.20 E
<i>Amend</i>	legend to <i>(Sep - Jun)</i>	33° 59'.7 S	151° 27'.3 E
	legend to <i>(Sep - Jun)</i>	33° 59'.4 S	151° 21'.5 E
	legend to <i>(Sep - Jun)</i>	34° 07'.8 S	151° 23'.9 E
	legend to <i>(Sep - Jun)</i>	34° 27'.5 S	151° 04'.9 E
	legend to <i>(Sep - Jun)</i>	34° 41'.1 S	151° 00'.0 E
<i>Delete</i>	light buoy	34° 58'.3 S	150° 57'.7 E

691* AUSTRALIA - NEW SOUTH WALES - Twofold Bay to Cape Byron - Fish aggregating devices (continued)**Aus 810** [355/2009]

Amend	legend to (Sep - Jun)	32° 13'.3 S	152° 41'.0 E
	legend to (Sep - Jun)	32° 47'.1 S	152° 25'.0 E

Aus 811 [638/2009]

Amend	legend to (Sep - Jun)	30° 50'.6 S	153° 12'.4 E
	legend to (Sep - Jun)	31° 24'.7 S	153° 05'.3 E
	legend to (Sep - Jun)	31° 39'.7 S	152° 56'.8 E

Aus 812 [641/2009]

Amend	legend to (Sep - Jun)	29° 52'.8 S	153° 26'.6 E
	legend to (Sep - Jun)	30° 14'.9 S	153° 22'.1 E

Aus 813 [NC 24/4/2009]

Insert	legend, (Nov - May)	28° 35'.07 S	153° 37'.87 E
Amend	legend to (Sep - Jun)	28° 54'.6 S	153° 41'.8 E
	legend to (Sep - Jun)	29° 06'.9 S	153° 37'.9 E

AX 0808E [133/2009]

Insert	special conical light buoy, Fl.Y.5s (Sep - Jun), with topmark	34° 56'.20 S	150° 58'.20 E
Amend	legend to (Sep - Jun)	33° 59'.7 S	151° 27'.3 E
	legend to (Sep - Jun)	33° 59'.4 S	151° 21'.5 E
	legend to (Sep - Jun)	34° 07'.8 S	151° 23'.9 E
	legend to (Sep - Jun)	34° 27'.5 S	151° 04'.9 E
	legend to (Sep - Jun)	34° 41'.1 S	151° 00'.0 E
Delete	light buoy	34° 58'.3 S	150° 57'.7 E

692* AUSTRALIA - NEW SOUTH WALES - Hastings River - Buoys established
NSW Maritime (AA408397, AA408398)**Aus 219 (plan, Hastings River)** [590/2009]

Insert	special spar buoy, without topmark	31° 25'.192 S	152° 52'.602 E
	special spar buoy, without topmark	31° 25'.099 S	152° 52'.315 E
	special spar buoy, without topmark	31° 24'.780 S	152° 52'.019 E

693* AUSTRALIA - QUEENSLAND - North Stradbroke Island - Point Lookout - Light

Australian Hydrographic Service (AA408297)

Aus 236 [642/2009]

Amend	light range to 16M	27° 25'.9 S	153° 32'.4 E
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694* AUSTRALIA - QUEENSLAND - Moreton Island - North Point - Light

Australian Hydrographic Service (AA408296)

Aus 364 [640/2009]*On certain copies only*

Amend	light to Q.WR.9/8M	27° 01'.4 S	153° 27'.3 E
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695* AUSTRALIA - QUEENSLAND - Double Head - Depth
Maritime Safety Queensland (DHDB 1241966)

Aus 366 [183/2009]			
Substitute	depth, 2 ₁ fm, for depth, 1 ₅ fm	23° 09'.2 S	150° 47'.6 E
Aus 367 [183/2009]			
Substitute	depth, 4 ₂ m, for depth, 3 ₄ m	23° 09'.1 S	150° 47'.8 E
Aus 819 [183/2009]			
Substitute	depth, 4 ₁ m, for depth 3 ₃ m	23° 09'.1 S	150° 47'.8 E
Aus 820 [183/2009]			
Substitute	depth, 4 ₁ fm, for depth 3 ₃ m	23° 09'.1 S	150° 47'.8 E

696* AUSTRALIA - QUEENSLAND - Pier Head - Historic wreck; chart note
Queensland Museum (AA402912, AA403371)

Aus 260 [1269/2008]			
Insert	accompanying Historic Wreck note	22° 22'.2 S	150° 08'.5 E
Substitute	magenta legend, <i>Historic Wk (see Note)</i> for legend, Wk	22° 05'.0 S	150° 03'.8 E
Aus 367 [695/2009]			
Insert	accompanying Historic Wreck note	23° 10'.5 S	150° 33'.0 E
Substitute	magenta legend, <i>Historic Wk (see Note)</i> for legend, Wk	22° 05'.0 S	150° 04'.4 E
Aus 426 [1269/2008]			
Substitute	magenta legend, <i>Historic Wk (see Note)</i> for legend, Wk	22° 04'.2 S	150° 06'.0 E
AX 60260 [1269/2008]			
Insert	accompanying Historic Wreck note	22° 22'.7 S	150° 08'.5 E
Substitute	magenta legend, <i>Historic Wk (see Note)</i> for legend, Wk	22° 05'.0 S	150° 03'.8 E

697* AUSTRALIA - QUEENSLAND - Townsville - Ross River - Lights discontinued
Maritime Safety Queensland Notice 369/2009 (AA410912)

Aus 256 [473/2009]			
Delete	light	19° 16'.7 S	146° 49'.7 E
	light	19° 17'.0 S	146° 49'.4 E
	dashed and continuous line with legend, emanating from light	19° 17'.0 S	146° 49'.4 E
Aus 257 [473/2009]			
Delete	light beacon	19° 16'.69 S	146° 49'.69 E
	light	19° 16'.99 S	146° 49'.43 E
	dashed and continuous line with legend, emanating from light	19° 16'.99 S	146° 49'.43 E

698* AUSTRALIA - QUEENSLAND - Townsville - Infrastructure; depths

Maritime Safety Queensland (DHDB 1262385)

Aus 257 [697/2009]

Insert accompanying block 19° 15'.3 S 146° 49'.5 E

699* AUSTRALIA - QUEENSLAND - Cairns - Trinity Inlet - Light buoy established

Maritime Safety Queensland Notice 392/2009 (AA410642, AA412485)

Aus 264 [43/2009]Insert lit mooring buoy, *Fl.3s* 16° 57'.756 S 145° 47'.637 E**700* AUSTRALIA - QUEENSLAND - Lads Passage - Depths**

LADS Flight (DHDB 1058486)

Aus 833 [646/2009]Insert depth, *14m*, enclosed by contour 13° 37'.78 S 143° 55'.82 ESubstitute depth, *4m* for depth, *5m* 13° 53'.37 S 144° 08'.80 E**Aus 834** [408/2009]

Insert accompanying block 13° 45'.0 S 144° 05'.0 E

unsurveyed boundary, between 13° 37'.15 S 143° 54'.85 E

13° 38'.06 S 143° 55'.31 E

701* AUSTRALIA - TORRES STRAIT - Kokope Reef - DepthsHMAS *Mermaid* and *Paluma* (DHDB 707525)**Aus 840** [476/2009]

Insert accompanying block 9° 20'.0 S 143° 16'.0 E

702* PAPUA NEW GUINEA - Massmass Island - Light beacon established

National Maritime Safety Authority PNG Notice 37/2009 (AA411248)

Aus 386 [535/2009]Insert light beacon, *Q.R.4M*, without topmark 5° 58'.53 S 148° 07'.08 E

Delete light beacon 5° 58'.4 S 148° 07'.1 E

Aus 387 [535/2009]Insert light beacon, *Q.R.4M*, without topmark 5° 58'.53 S 148° 07'.08 E

Delete light beacon 5° 58'.4 S 148° 07'.1 E

Aus 673 [903/2008]Insert light beacon, *Q.R.7m 4M*, without topmark 5° 58'.53 S 148° 07'.08 E

Delete light beacon 5° 58'.4 S 148° 07'.1 E

703* AUSTRALIA - TORRES STRAIT - Thursday Island Harbour - Depths; reef delineation; infrastructure

Former Notice - 671(T)/2009 is cancelled

Maritime Safety Queensland, HMAS *Leeuwin* (DHDB 1241905)**Aus 299 [NE 24/4/2009]**

Insert	accompanying block	10° 35'.5 S	142° 13'.5 E
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704* AUSTRALIA - NORTHERN TERRITORY - Port Essington - Pearl culturesAustralian Customs Vessel *Corio Bay* (AA407076), Department of Planning and Infrastructure NT (AA410990, AA410992, DHDB 1276754)**Aus 18 [300/2009]**

Insert	dashed magenta line, between	11° 14'.11 S	132° 06'.87 E
		11° 17'.90 S	132° 08'.28 E
	magenta legend, <i>Pearl Culture</i> (see Note)	11° 15'.6 S	132° 07'.0 E
	dashed magenta line, between	11° 12'.08 S	132° 10'.92 E
		11° 14'.54 S	132° 10'.90 E
	magenta legend, <i>Pearl Culture</i> (see Note)	11° 12'.6 S	132° 11'.4 E
Delete	dashed magenta line, between	11° 17'.2 S	132° 06'.9 E
		11° 17'.9 S	132° 08'.2 E

Aus 308 [598/2009]

Insert	dashed magenta line, between	11° 14'.2 S	132° 06'.8 E
		11° 18'.0 S	132° 08'.2 E
	magenta legend, <i>Pearl Culture</i>	11° 12'.8 S	132° 11'.0 E
Delete	dashed magenta line, between	11° 17'.2 S	132° 06'.8 E
		11° 17'.8 S	132° 08'.2 E

Aus 721 [1013/2008]

Insert	dashed magenta line, between	11° 14'.11 S	132° 06'.87 E
		11° 17'.90 S	132° 08'.28 E
	dashed magenta line, between	11° 12'.08 S	132° 10'.92 E
		11° 14'.54 S	132° 10'.90 E
Delete	dashed magenta line, between	11° 17'.2 S	132° 06'.9 E
		11° 17'.9 S	132° 08'.2 E

705* AUSTRALIA - NORTHERN TERRITORY - Darwin to Shepparton Shoal - Submarine cable

Australian Hydrographic Service (AA408286)

Aus 26 [599/2009]

Insert	disused submarine cable, between	12° 22'.98 S	130° 50'.49 E
		12° 17'.53 S	130° 37'.38 E
		12° 16'.30 S	130° 34'.19 E

Aus 29 [1124/2008]

Insert	disused submarine cable, between	12° 18'.00 S	130° 38'.62 E
		12° 18'.53 S	130° 40'.00 E

Aus 308 [704/2009]

Insert	disused submarine cable, between	12° 23'.07 S	130° 50'.42 E
		12° 17'.16 S	130° 36'.00 E

Aus 722 [484/2009]

Insert	disused submarine cable, between	12° 22'.98 S	130° 50'.49 E
		12° 17'.53 S	130° 37'.38 E
		12° 13'.73 S	130° 27'.50 E
		12° 11'.96 S	130° 20'.30 E
		12° 07'.96 S	129° 59'.61 E
		12° 06'.80 S	129° 51'.00 E

AX 72026 [599/2009]

Insert	disused submarine cable, between	12° 22'.98 S	130° 50'.49 E
		12° 17'.53 S	130° 37'.38 E
		12° 16'.30 S	130° 34'.19 E

AX 72722 [484/2009]

Insert	disused submarine cable, between	12° 22'.98 S	130° 50'.49 E
		12° 17'.53 S	130° 37'.38 E
		12° 13'.73 S	130° 27'.50 E
		12° 11'.96 S	130° 20'.30 E
		12° 07'.96 S	129° 59'.61 E
		12° 06'.80 S	129° 51'.00 E

706* INDIAN OCEAN - Pulau Sawu to Ashmore Reef - ZOC area

Australian Hydrographic Service (AA408279)

Aus 317 [785/2008]

Delete	ZOC area D, centred on	12° 16'.0 S	120° 28'.6 E
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AX 0317F [NC 26/9/2008]

Delete	ZOC area D, centred on	12° 16'.0 S	120° 28'.6 E
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707 INDONESIA - Jawa Sea - Wreck

BA Notice 24/3019/2009 (AA410767)

Aus 4708 (INT 708) [417/2009]

Insert	dangerous wreck	5° 50'.1 S	109° 00'.9 E
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Delete	depth, 48m	5° 50'.0 S	108° 58'.0 E
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AX 4708F [417/2009]

Insert	dangerous wreck	5° 50'.1 S	109° 00'.9 E
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Delete	depth, 48m	5° 50'.0 S	108° 58'.0 E
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708* AUSTRALIA - WESTERN AUSTRALIA - Broome - Anchorages

Broome Port Authority (AA406391)

Aus 50 [249/2009]Insert [accompanying block](#) 18° 01'.0 S 122° 15'.0 E**Aus 50 (plan, Broome Harbour)**Insert [accompanying block](#) 18° 01'.2 S 122° 13'.5 E**709* AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Light beacons repositioned**

Australian Maritime Safety Authority (AA409164, AA409165)

Aus 53 [602/2009]

Move	light beacon	19° 59'.7 S	118° 26'.4 E
	to	19° 59'.70 S	118° 26'.36 E
	light beacon	20° 06'.4 S	118° 28'.2 E
	to	20° 06'.44 S	118° 28'.21 E

710* AUSTRALIA - WESTERN AUSTRALIA - Dampier Archipelago - Well northwestwards

Apache Energy Ltd (AA410103)

Aus 327 [1282/2008]Insert depth, 28fm, enclosed by danger circle with legend
Well 20° 01'.53 S 116° 18'.50 EDelete depth, 29fm
danger circle with legend 20° 01'.0 S 116° 18'.1 E
20° 00'.9 S 116° 18'.5 E**711* AUSTRALIA - WESTERN AUSTRALIA - Muiron Islands - Production wells; production platform established northwestwards**

Apache Energy Ltd (AA395640, AA395641, AA395643, AA395645 - AA395647)

Aus 329 [61/2009]Insert [accompanying block](#) 21° 15'.0 S 114° 10'.0 E**712* AUSTRALIA - VICTORIA - Portland - Light beacon established**

Victorian Notice 76/2009 (AA411117)

Aus 140 (plan, Portland) [380/2008]Insert light beacon, *F(2)5s*, without topmark 38° 20'.663 S 141° 36'.808 E

Amend light elevation to 22m 38° 20'.67 S 141° 37'.46 E

713* AUSTRALIA - VICTORIA - Warrnambool - Lights altered

Victorian Notice 72/2009 (AA409121)

Aus 349 [612/2009]Amend light to *Ldg Iso.Bu.6s & Iso.Bu.2s 5M* 38° 23'.5 S 142° 29'.1 E**Aus 786 [380/2008]**Amend light to *Ldg Iso.Bu.6s & Iso.Bu.2s 5M* 38° 23'.5 S 142° 29'.1 E

714* AUSTRALIA - VICTORIA - Port Phillip - Geelong - Point Richards Channel - Nav aids
 Victorian Notice 127/2007 (AA292289)

Aus 143 [612/2009]

Insert	north cardinal light beacon, <i>Q.9M</i> , without topmark	38° 04'.95 S	144° 39'.94 E
	starboard lateral light beacon, <i>F Iso.G.4s No1</i> , without topmark	38° 05'.07 S	144° 38'.56 E
	port lateral light beacon, <i>Iso.R.4s No4</i> , without topmark	38° 05'.26 S	144° 37'.74 E
Delete	light	38° 05'.1 S	144° 38'.5 E
	light beacon	38° 04'.9 S	144° 39'.9 E
	light beacon	38° 05'.0 S	144° 38'.5 E
	depth, 7 ₉ m	38° 05'.4 S	144° 37'.6 E

715(T)/2009 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Light buoys moved*Former Notice - 318(T)/2009 is cancelled*

Sydney Ports Corporation (AA391264, AA411070)

The following light buoys have been repositioned to:

<i>Buoy</i>	<i>New position</i>
No8 (33° 58'.89 S 151° 12'.22 E)	33° 59'.04 S 151° 12'.39 E
No10 (33° 58'.81 S 151° 12'.21 E)	33° 58'.86 S 151° 12'.27 E
No12 (33° 58'.53 S 151° 12'.12 E)	33° 58'.58 S 151° 12'.19 E
No14 (33° 58'.26 S 151° 12'.19 E)	33° 58'.35 S 151° 12'.16 E
No16 (33° 58'.22 S 151° 12'.34 E)	33° 58'.23 S 151° 11'.85 E.

Chart temporarily affected – Aus 198 – Aus 199 - AU5198X9**716(T)/2009 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information***Former Notice - 498(T)/2009 is cancelled*

Newcastle Port Corporation (AA411749)

Available depths as at 12 June 2009:

<i>Berth</i>	<i>Metres</i>
Western Basin 3	11.6
Western Basin 4	11.6
* Eastern Basin 1	11.3
Eastern Basin 2 North of Ch 450	11.6
Eastern Basin 2 South of Ch 450	11.3
Dockyard 2 (Dredge)	3.9
* Channel Berth (formerly Dockyard 4)	8.0
* Dyke 1	12.8
Dyke 2	12.8
Dyke 4	16.5
Dyke 5	16.4
Dyke 6	6.5
* BHP Wharf 6 to Ch 1050	7.6
Kooragang 2	11.6
Kooragang 2 North Dolphin	11.0
* Kooragang 2 South Dolphin	11.0
Kooragang 3	13.0
* Kooragang 4	16.2
* Kooragang 5	16.4
* Kooragang 6	16.2
Kooragang Ship Receiving KSR	8.0
Throsby 1	9.5
Carrington wharf	To be sounded as and when required
Tug berth 4	6.5
Elgo wharf	To be sounded as and when required
<i>Channels</i>	
Entrance Approach	17.4
* Entrance Channel (18.0m)	16.6
Entrance Channel (17.4m)	17.1
* Entrance Channel (16.8m)	16.3
Entrance Channel (16.2m)	16.1
* Entrance Channel to Horseshoe	15.2
Horseshoe	15.0
Steelworks Channel to Swinging Basin	15.0
Swinging Basin	15.0
* Swinging Basin to Mayfield 4	9.7
Basin Cutting	12.8
Basin Area to Eastern & Western Basin Berths	12.4
Basin Area to 1 Throsby	10.0
Stockton Crossing	3.6
* Indicates revised entry.	

Chart temporarily affected – Aus 207 – Aus 208 - AU5XX208

19 June 2009

717(T)/2009 AUSTRALIA - QUEENSLAND - Point Danger to Point Lookout - Scientific instruments*Former Notice - 618(T)/2009 is cancelled*

Maritime Safety Queensland Notice 383(T)/2009 (AA412011)

Special light buoys, *F(5)Y.20s*, exist in positions (WGS84 datum):

28° 10'.84 S 153° 34'.58 E

27° 57'.93 S 153° 26'.53 E

27° 28'.13 S 153° 37'.55 E.

Mariners are not to use these buoys as moorings.

Chart temporarily affected – Aus 813 – Aus 814**718(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - Ship to ship transfer completed***Former Notice - 83(T)/2009 is cancelled*

Maritime Safety Queensland Notice 1/2009 (AA379317)

Cancel this notice on receipt.

Chart formerly affected – Aus 236**719(T)/2009 AUSTRALIA - QUEENSLAND - Moreton Bay - North Stradbroke Island - Amity - Harbour works***Date - Until 31 October 2009*

Maritime Safety Queensland Notice 282(T)/2009, 315(T)/2009 (AA405402, AA411788)

Construction works on the boat ramp (27° 24'.02 S 153° 26'.23 E) are in progress.

The boat ramp is closed to all vessels during this period.

Chart temporarily affected – Aus 236**720(T)/2009 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Kangaroo Point - Wreck**

Maritime Safety Queensland Notice 343(T)/2009 (AA409122)

A wreck exists in position 27° 27'.93 S 153° 02'.04 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 238 - AU5237X8**721(T)/2009 AUSTRALIA - QUEENSLAND - Gladstone - Calliope River - Scientific instruments***Date - Until 30 April 2010*

Maritime Safety Queensland Notice 371(T)/2009 (AA411214)

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

23° 49'.46 S 151° 12'.97 E

23° 50'.00 S 151° 12'.25 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 245 - AU5244X5

722(T)/2009 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing*Date - Until 27 July 2009*

Maritime Safety Queensland Notice 309(T)/2009 (AA406347)

Live firing activities will be conducted in the Shoalwater Bay training area during the period 5 to 26 July 2009.

A marine danger area extends to all waters south of the line defined by the following positions (WGS84 datum):

22° 21'.20 S	150° 10'.52 E
22° 20'.35 S	150° 12'.00 E
22° 16'.94 S	150° 12'.07 E
22° 14'.92 S	150° 20'.06 E
22° 14'.76 S	150° 20'.31 E
22° 12'.28 S	150° 25'.00 E
22° 09'.00 S	150° 25'.00 E
22° 09'.00 S	150° 37'.00 E
22° 14'.38 S	150° 37'.00 E
22° 19'.92 S	150° 45'.05 E
22° 29'.13 S	150° 49'.71 E
22° 40'.48 S	150° 55'.05 E
22° 46'.87 S	150° 53'.01 E
22° 46'.20 S	150° 48'.51 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 248 – Aus 260 – Aus 261 – Aus 367 – Aus 820 – Aus 822 - AX 60260 - AX 67248 - AX 67261 - AU423150 - AU5261P1 - AU5261P2 - AU5XX248

723(T)/2009 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Live firing completed*Former Notice - 664(T)/2009 is cancelled*

Maritime Safety Queensland Notice 308(T)/2009 (AA406348)

Cancel this notice on receipt.

Chart formerly affected – Aus 260 – Aus 261 – Aus 367 – Aus 822 - AX 60260 - AX 67261 - AU423150 - AU5261P2

724(T)/2009 AUSTRALIA - QUEENSLAND - Mackay - Harbour works

Maritime Safety Queensland Notice 378(T)/2009 (AA411761)

Demolition works in the vicinity of Loves Jetty (21° 06'.55 S 149° 13'.58 E) are in progress.

The barge *Sheerlegs* and support vessel *Louisianne* are onsite and will monitor VHF Ch 16.

Mariners are advised to navigate with caution in the vicinity.

Chart temporarily affected – Aus 250 - AU5250P1

725(T)/2009 AUSTRALIA - QUEENSLAND - Cairns - Smiths Creek - Dredging operations*Former Notice - 629(T)/2009 is cancelled**Date - Until 20 July 2009*

Maritime Safety Queensland Notice 373(T)/2009 (AA411244)

Dredging operations are in progress at Commercial Fishermans Base No1 between jetty B (16° 56'.45 S 145° 46'.64 E) and C (16° 56'.45 S 145° 46'.60 E).

A special light buoy, Q, exists in the vicinity of position 16° 56'.50 S 145° 46'.60 E.

Mariners are advised that entry to this area is prohibited during this period.

Chart temporarily affected – Aus 263 – Aus 264 - AU5262X4

726(T)/2009 AUSTRALIA - QUEENSLAND - Double Island - Scientific instrument*Former Notice* - 216(T)/2009 is cancelled

Maritime Safety Queensland Notice 383(T)/2009 (AA412011)

A special light buoy, *Fl(5)Y.20s*, exists in position 16° 43'.97 S 145° 42'.68 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 830 - AU417145**727(T)/2009 AUSTRALIA - QUEENSLAND - Low Islets - Sector light trial completed***Former Notice* - 833(T)/2007 is cancelled

Australian Maritime Safety Authority (AA412072)

Cancel this notice on receipt.

Chart formerly affected – Aus 830 – Aus 831**728(T)/2009 AUSTRALIA - QUEENSLAND - Port Musgrave - Scientific instruments***Date* - Until 31 July 2009

Maritime Safety Queensland Notice 355(T)/2009 (AA410650)

Subsurface scientific instruments exist in positions (WGS84 datum):

11° 55'.87 S 141° 46'.88 E

11° 55'.74 S 141° 53'.65 E

12° 00'.86 S 141° 58'.53 E

12° 02'.60 S 142° 02'.01 E.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 701**729(T)/2009 AUSTRALIA - QUEENSLAND - Albatross Bay - Scientific instruments***Former Notice* - 218(T)/2009 is cancelled

Maritime Safety Queensland Notice 383(T)/2009 (AA412011)

A special light buoy, *Fl(5)Y.20s*, exists in position 12° 41'.27 S 141° 41'.10 E.

Mariners are not to use this buoy as a mooring.

Chart temporarily affected – Aus 4 – Aus 701 - AU413141**730(P)/2009 AUSTRALIA - NORTHERN TERRITORY - North East Bromby Islet - Light buoy to be withdrawn***Date* - On or about 21 June 2009

Australian Maritime Safety Authority (AA412017)

The east cardinal light buoy (11° 48'.20 S 136° 43'.58 E) will be withdrawn.

Chart which will be affected - Aus715**731(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Drilling operations completed***Former Notice* - 410(T)/2008 is cancelled

Port Hedland Port Authority (AA412383)

Cancel this notice on receipt.

Chart formerly affected – Aus 52 – Aus 53 – Aus 54 – Aus 326 – Aus 739 – Aus 740

732(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Obstruction removed

Former Notice - 506(T)/2008 is cancelled
 Port Hedland Port Authority (AA412383)

Cancel this notice on receipt.

Chart formerly affected – Aus 53 – Aus 739 – Aus 740

733(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Port Hedland - Scientific instruments recovered; diving operations completed

Former Notice - 560(T)/2008 is cancelled
 Port Hedland Port Authority (AA412383)

Cancel this notice on receipt.

Chart formerly affected – Aus 52 – Aus 53 – Aus 326 – Aus 739 – Aus 740

734(P)/2009 AUSTRALIA - WESTERN AUSTRALIA - Rankin Bank to Dampier - Production wells; platform; pipeline to be established

Former Notice - 515(T)/2009 is cancelled
 Date - Until 31 October 2009

Dampier Port Authority (AA401074), Woodside Energy Ltd (AA384702, AA384703, AA384705 - AA384707, AA384803, AA384804, AA385860)

Pluto platform will be established in position 19° 59'.78 S 115° 22'.09 E (WGS84 datum).

A production well will be established in position 19° 54'.85 S 115° 07'.92 E.

A pipeline will be laid by PV *Audacia* and pipeline barge *Tog Mor* between:

19° 54'.85 S 115° 07'.92 E
 19° 58'.14 S 115° 11'.16 E
 19° 59'.78 S 115° 22'.09 E
 19° 58'.90 S 115° 25'.77 E
 20° 02'.13 S 115° 28'.32 E
 20° 02'.99 S 115° 31'.90 E
 20° 08'.18 S 115° 54'.94 E
 20° 10'.27 S 115° 59'.67 E
 20° 10'.35 S 116° 04'.83 E
 20° 12'.58 S 116° 17'.86 E
 20° 17'.31 S 116° 32'.33 E
 20° 19'.01 S 116° 39'.89 E
 20° 24'.52 S 116° 45'.86 E
 20° 26'.77 S 116° 46'.55 E
 20° 30'.84 S 116° 46'.19 E
 20° 33'.08 S 116° 45'.64 E
 20° 35'.35 S 116° 44'.55 E
 20° 36'.42 S 116° 45'.38 E

A 0.5M exclusion zone exists on each side of the pipeline from the shore crossing to position 20° 24'.52 S 116° 45'.86 E.

Chart which will be affected – Aus 57 – Aus 58 – Aus 59 – Aus 327 – Aus 328 – Aus 415 – Aus 416 – Aus 741 – Aus 742 - AX 0415F - AU320115 - AU421115 - AU421116

735(T)/2009 AUSTRALIA - WESTERN AUSTRALIA - Thevenard Island to Ashburton Road - Scientific instruments*Former Notice* - 516(T)/2009 is cancelled*Date* - Until 31 May 2010

MetOcean Engineers (AA411742)

Scientific instruments exist as follows:

<i>Position</i>	<i>Remarks</i>
21° 21'.86 S 114° 51'.20 E	5 poly floats
21° 22'.08 S 114° 50'.91 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 22'.08 S 114° 51'.00 E	5 poly floats
21° 30'.12 S 115° 02'.92 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 31'.40 S 114° 54'.90 E	lit buoy, <i>Fl(5)Y.20s</i>
21° 31'.67 S 115° 07'.07 E	5 poly floats
21° 33'.41 S 115° 00'.92 E	5 poly floats
21° 39'.29 S 115° 00'.68 E	5 poly floats
21° 39'.34 S 115° 00'.80 E	5 poly floats

Chart temporarily affected – Aus 64 – Aus 743 – Aus 744 - AU417145**736(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Light altered***Former Notice* - 342(P)/2009 is cancelled

Australian Hydrographic Service Notice 10/612/2009 (AA407227)

Cancel this notice on receipt.

Chart formerly affected – Aus 143 – Aus 144 – Aus 158 - AU439144**737(P)/2009 AUSTRALIA - VICTORIA - Port Phillip - Queenscliff - Light established***Date* - On or about 18 June 2009

Victorian Notice 83/2009 (AA412497)

A directional light (*F.WG*) has been established in position 38° 15'.90 S 144° 40'.23 E as follows:

<i>Green</i>	040.7° - 042.5° (1.8°)
<i>White</i>	042.5° - 044.2° (1.7°)

Note: charts will be updated in Edition 13/2009**Chart which will be affected – Aus 143 – Aus 144 – Aus 158 - AU5143P4****738(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Rosebud - Harbour works***Date* - Until 31 October 2009

Victorian Notice 79(T)/2009 (AA412175)

Works associated with the refurbishment of the jetty (38° 21'.10 S 144° 54'.46 E) are in progress.

The light (38° 20'.99 S 144° 54'.44 E) has been repositioned to 38° 21'.19 S 144° 54'.42 E.

Chart temporarily affected – Aus 143 – Aus 158 - AU439144

739(T)/2009 AUSTRALIA - VICTORIA - Port Phillip - Werribee River - Dredging operations

Date - Until 7 July 2009

Victorian Notice 77(T)/2009 (AA411747)

The dredge *Darwin* is conducting dredging operations in the Werribee River (37° 58'.38 S 144° 41'.17 E).

All hazards to navigation will display appropriate lights and signals.

The dredge can be contacted on VHF Ch 14 and Ch 16 or mobile phone 0418 657 400.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 143 – Aus 155 - AU438144

740(T)/2009 AUSTRALIA - VICTORIA - Lakes Entrance - Dredging operations

Date - Until 31 July 2009

Victorian Notice 78(T)/2009 (AA411745)

The dredge *Pelican* is conducting dredging operations on The Bar and in the channels.

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

Chart temporarily affected – Aus 182

741(T)/2009 AUSTRALIA - VICTORIA - Lakes Entrance - Cunninghame Arm - Harbour works

Date - Until 6 September 2009

Victorian Notice 74/2009 (AA412225)

Harbour works are in progress at the jetty (37° 52'.95 S 147° 58'.90 E).

A barge and associated vessels will be onsite.

During the works berths will be restricted or unavailable.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus182

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
WA-Dampier	Pipeline		P Dunn

NAVIGATION WARNINGS

The following radio messages have been received during the period to 19 June 2009. 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

- 136 Cancelled.
 137 Drill rig *Songa Venus* in position 13° 00'·33 S 124° 24'·22 E. 2.5M clearance requested.
 138 Special purpose vessel *Geo Atlantic* conducting seismic survey towing 4M cable in area 20° 28'·00 S to 21° 37'·00 S and 111° 57'·00 E to 114° 51'·00 E. 5M clearance requested.
 139 Drill rig *Ocean Epoch* in position 21° 34'·03 S 114° 10'·00 E. 2.5M clearance requested.
 140 Cancelled.
 141 Cancelled.
 142 Cancelled.
 143 Cancelled.
 144 Drill rig *West Atlas* in position 12° 30'·26 S 124° 27'·45 E. 2.5M clearance requested.
 145 Drill rig *Songa Mercur* in position 14° 12'·47 S 122° 53'·38 E. 2.5M clearance requested.
 146 Special purpose vessel *Tyco Durable* conducting cable laying operations between 33° 26'·10 S 152° 56'·40 E and 28° 17'·60 S 155° 03'·20 E. 2.5M clearance requested.
 147 Sugar Ran Reef light K1890 (9° 53'·80 S 143° 13'·06 E) unlit.

NAVAREA X WARNINGS

- 009 When participating in AUSREP, mariners are reminded that polling is the required method of position reporting in accordance with the amended navigation act 1912 and marine orders (Part 63).

A master of a ship in the AUSREP area is to make the ship available to be polled by RCC Australia using INMARSAT-C. Masters are asked not to send manual position reports unless polling is unavailable or they are directed by RCC Australia to do so.

Masters of ships being polled will still be required to send sailing plans, deviation reports and final reports.

Masters are reminded that when sending sail plans that the word 'Poll' be entered in the field 'N' (eg: N/ Poll). This enables the AUSREP system to automatically assign polling to the vessel.

Masters are required to set up their INMARSAT-C terminals address book with the special access code (SAC) 1243 via Perth LES 212 (Pacific Ocean) or 312 (Indian Ocean). When setting up the address book entry for sending to SAC 1243, ASCII, 7-bit or IA5 needs to be selected for data presentation or character code.

Navigational warnings in force as at 190001UTC JUN 09.**Auscoast**

086 089 096 102 127 128 133 134 137 138 139 144 145 146 147

Navarea X

009

Summary of mobile drilling rigs as at 190001UTC JUN 09.

<i>Name</i>	<i>Position</i>
Ocean Shield	13° 53'·70 S 128° 29'·00 E
West Atlas	12° 30'·26 S 124° 27'·45 E
Songa Venus	13° 00'·33 S 124° 24'·22 E
Songa Mercur	14° 12'·47 S 122° 53'·38 E
Atwood Eagle	19° 54'·48 S 115° 07'·55 E
Stena Clyde	20° 04'·18 S 115° 10'·45 E
Ensco 7500	19° 52'·00 S 114° 31'·00 E
Ocean Epoch	21° 34'·03 S 114° 10'·00 E

NAVAREA XIV WARNINGS

029 Cancelled.
030 Cancelled.
031 Cancelled.

Navarea XIV warnings in force as at 190001UTC JUN 09.

2009 Nil.