




Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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 Notices 520 -558

Published fortnightly by the Australian Hydrographic Service

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Hydrographer of Australia

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

British Admiralty Notices to Mariners
New Zealand 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 000° (North) to 359°: those relating to lights are given as seen by an observer from seaward. The range quoted for a light is its nominal range. Fog signals are sounded only during thick or foggy weather, unless otherwise stated. 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 South Coast Mail Centre, NSW 2521 (Fax 02-4221 8599, 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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Edition No 17

23 August 2002

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522* AUSTRALIA - Miscellaneous correction.

AHS (02/4938). (AH99/243)

Aus 259 [43/2002]

Insert	magenta limits, with legend <i>Aus 258</i> in NW corner		
	North	18° 16'.34 S	
	South	18° 17'.24 S	
	East		146° 03'.46 E
	West		146° 02'.47 E

Aus 828 [76/2002]

Insert	magenta limits, with legend <i>Aus 258</i> in SE corner		
	South	17° 59'.89 S	
	East		146° 13'.64 E
	West		146° 03'.72 E

Delete	magenta limits, with legend <i>Aus 258</i> , centred on	18° 05'.0 S	146° 13'.0 E
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Aus 829 [470/2002]

Insert	magenta limits, with legend <i>Aus 258</i> in NE corner		
	North	17° 50'.04 S	
	South	17° 59'.89 S	
	East		146° 13'.64 E
	West		146° 03'.72 E
	magenta limits, with legend <i>Aus 258</i> in NE corner		
	North	17° 30'.09 S	
	South	17° 47'.12 S	
	East		146° 14'.94 E
	West		146° 02'.94 E

Delete	plan, Mourilyan Harbour, centred on	17° 58'.0 S	145° 31'.0 E
	plan, Gladys Inlet, centred on	17° 38'.0 S	145° 21'.0 E
	plan, Dunk Island Anchorage, centred on	17° 22'.0 S	145° 20'.0 E
	magenta limits, with legend <i>Aus 258</i> , centred on	17° 58'.0 S	146° 13'.0 E
	magenta limits, with legend See Plan, centred on	17° 57'.0 S	146° 07'.0 E
		17° 36'.0 S	146° 08'.0 E
		17° 31'.0 S	146° 05'.0 E

Note: Reliability Diagram will be updated by block correction.

523* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Johnstons Bay - Lights; leads.

Sydney Ports Corporation Notice 7/2002 (02/4396). (AH99/19-03)

Aus 200 [494/2002]

Insert	accompanying block	33° 51'.5 S	151° 11'.3 E
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Aus 202 [494/2002]

Insert	pecked line in direction 335.4° for 400m, with legend 155.4°, emanating from	33° 51'.935 S	151° 11'.449 E
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Delete	pecked line, with legend 157.4° emanating from	33° 51'.94 S	151° 11'.45 E
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524* AUSTRALIA - NEW SOUTH WALES - Pittwater - Buoy.

NSW Waterways (02/4207). (AH99/18)

Aus 204 [463/2002]*On certain copies only*

Substitute	special spar buoy, without topmark, for conical buoy	33° 35'.66 S	151° 18'.35 E
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Note: Notice 462/2002 quoted incorrect latitude.

525* AUSTRALIA - NEW SOUTH WALES - Newcastle - Dredged limits; light.
 Newcastle Port Corporation (02/4836 & 02/4951). (AH99/19-03, AH00/383)

Aus 207 [426/2002]

Insert	pecked line between	32° 54'.845 S	151° 48'.246 E
		32° 54'.715 S	151° 48'.142 E
	pecked line between	32° 54'.920 S	151° 48'.062 E
		32° 54'.810 S	151° 47'.975 E
	pecked line between	32° 54'.950 S	151° 47'.986 E
		32° 54'.850 S	151° 47'.905 E
	pecked line between	32° 54'.980 S	151° 47'.910 E
		32° 54'.889 S	151° 47'.837 E
	legend, 18.0m, centred on	32° 54'.81 S	151° 48'.11 E
	legend, 17.4m, centred on	32° 54'.88 S	151° 47'.99 E
	legend, 16.8m, centred on	32° 54'.91 S	151° 47'.91 E
	legend, 16.2m, centred on	32° 54'.96 S	151° 47'.83 E
	light, F. G. 29m 6M	(a) 32° 54'.836 S	151° 47'.296 E
	pecked line emanating from light (a) extending in a direction 085° for 1490m, thence a firm line for 3000m, with legend 265°		
Substitute	legend, 17.7m, for Maintained depth 17.7m centred on	32° 54'.6 S	151° 48'.5 E

Aus 208 [426/2002]

Insert	pecked line between	32° 54'.845 S	151° 48'.246 E
		32° 54'.715 S	151° 48'.142 E
	pecked line between	32° 54'.920 S	151° 48'.062 E
		32° 54'.810 S	151° 47'.975 E
	pecked line between	32° 54'.950 S	151° 47'.986 E
		32° 54'.850 S	151° 47'.905 E
	pecked line between	32° 54'.980 S	151° 47'.910 E
		32° 54'.889 S	151° 47'.837 E
	legend, 18.0m, centred on	32° 54'.81 S	151° 48'.11 E
	legend, 17.4m, centred on	32° 54'.88 S	151° 47'.99 E
	legend, 16.8m, centred on	32° 54'.91 S	151° 47'.91 E
	legend, 16.2m, centred on	32° 54'.96 S	151° 47'.83 E
	light, F. G. 29m 6M	(a) 32° 54'.836 S	151° 47'.296 E
	pecked line emanating from light (a) extending in a direction 085° for 1490m, thence a firm line for 565m, with legend 265°		

526* AUSTRALIA - NEW SOUTH WALES - Birudi Point - Wreck.
 NUSHIP Yarra (02/4950). (AH98/291)

Aus 362 [496/2002]

Insert	depth, 14fm, enclosed by danger circle, with legend <i>Wk</i>	32° 48'.35 S	152° 03'.51 E
Delete	depth 12fm	32° 48'.1 S	152° 03'.2 E
	depth 19fm	32° 49'.0 S	152° 03'.8 E

Aus 809 [296/2002]

Insert	depth, 27m, enclosed by danger circle, with legend <i>Wk</i>	32° 48'.24 S	152° 03'.53 E
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527* AUSTRALIA - NEW SOUTH WALES - Port Macquarie - Hastings River - Buoyage.List of Lights Vol K/2002 -- 2793.00
NSW Waterways (02/4946). (AH99/19-03)**Aus 219 (plan, Hastings River) [103/2002]**

Insert	starboard lateral beacon, with topmark	31° 24'.09 S	152° 53'.27 E
Substitute	port lateral cylindrical light buoy, <i>Fl. R.</i> 3s, without topmark, for port lateral buoy	31° 24'.40 S	152° 54'.29 E
	starboard lateral beacon, with topmark, for light	31° 25'.50 S	152° 54'.80 E
Delete	starboard lateral buoy	31° 24'.31 S	152° 54'.35 E

Aus 219 (plan, Port Macquarie)

Substitute	starboard lateral beacon, with topmark, for light	31° 25'.50 S	152° 54'.80 E
Move	starboard lateral buoy	31° 25'.68 S	152° 54'.37 E
	to	31° 25'.658 S	152° 54'.388 E

528* AUSTRALIA - QUEENSLAND - Brisbane River - Maintained depths.

Queensland Transport Notice 284(T)/2002 (02/4909). (AH99/323)

Aus 237 [497/2002]

Insert	legend, 13.0m	27° 22'.93 S	153° 09'.71 E
	legend, 13.3m	27° 23'.11 S	153° 09'.62 E
	legend, 14.3m	27° 23'.03 S	153° 09'.29 E
	legend, 13.5m	27° 23'.29 S	153° 09'.52 E

Aus 238 [213/2002]

Amend	legend, 7.9m to 7.1m	27° 26'.75 S	153° 04'.40 E
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Aus 238 (plan, Hamilton Reach)

Amend	legend, 7.9m to 7.1m	27° 26'.75 S	153° 04'.40 E
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529* AUSTRALIA - QUEENSLAND - Mooloolaba - Light beacons.

Queensland Transport Notices 257 & 262/2002 (02/4476 & /4489). (AH00/107)

Aus 235 (plan, Mooloolaba Harbour) [467/2002]

Move	starboard lateral light beacon, No 9	26° 41'.17 S	153° 08'.02 E
	to	26° 41'.169 S	153° 08'.030 E
Delete	special light beacon, No 7	26° 41'.13 S	153° 08'.03 E
	depth 2 ₆ m	26° 41'.18 S	153° 08'.03 E

530* AUSTRALIA - QUEENSLAND - Bundaberg - Buoyage.List of Lights Vol K/2002 – 2956.11, 2956.12, 2956.13, 2956.14, 2956.3, 2956.4, 2958.0, 2958.01, 2958.361, 2958.366
Queensland Transport Notice 274/2002 (02/4727). (AH00/107)**Aus 243 [428/2002]**

Insert	east cardinal light beacon, Q(3) 10s, with topmark	24° 45'.297 S	152° 28'.051 E
	light beacon, <i>Fl. R.</i> 2s, with cylindrical topmark	24° 45'.407 S	152° 28'.051 E
	light beacon, <i>Fl. R.</i> 4s, with cylindrical topmark	24° 45'.409 S	152° 27'.015 E
	light beacon, <i>Fl. G.</i> 4s, with triangular topmark	24° 45'.299 S	152° 27'.015 E
		24° 45'.300 S	152° 25'.978 E
	legend, <i>PORT ALTERATIONS</i> (see Note), centred on	24° 45'.3 S	152° 29'.0 E
	accompanying note	24° 47'.0 S	152° 21'.5 E

Substitute	light beacon, <i>Fl. R.</i> 4s, with cylindrical topmark, for port lateral light beacon	24° 45'.4 S	152° 26'.0 E
	legend, <i>Dir 270°</i> , for 270° centred on	24° 45'.3 S	152° 27'.7 E

Amend	light to <i>F. WR (occas)</i> & <i>F. WG (occas)</i>	24° 45'.3 S	152° 23'.4 E
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Delete	light	24° 45'.4 S	152° 23'.8 E
	starboard lateral light beacon	24° 45'.3 S	152° 26'.0 E

Aus 243 (plan, Port Bundaberg)

Insert	legend, <i>PORT ALTERATIONS</i> (see Note), centred on	24° 45'.45 S	152° 25'.25 E
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Substitute	legend, <i>Dir 270°</i> , for 270° centred on	24° 45'.36 S	152° 25'.26 E
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Amend	light to <i>F. WR (occas)</i> & <i>F. WG (occas)</i>	24° 45'.3 S	152° 23'.4 E
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Delete	starboard lateral light beacon	24° 45'.4 S	152° 23'.8 E
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Aus 366 [468/2002]

Insert	east cardinal light beacon, Q(3) 10s, with topmark	24° 45'.30 S	152° 28'.05 E
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Delete	starboard lateral light beacon	24° 45'.3 S	152° 26'.0 E
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Aus 817 [428/2002]

Insert	east cardinal light beacon, Q(3) 10s, with topmark	24° 45'.30 S	152° 28'.05 E
	light beacon, <i>Fl. R.</i> 4s, with cylindrical topmark	24° 45'.41 S	152° 27'.01 E

Substitute	light beacon, <i>Fl. G.</i> 4s, with triangular topmark, for starboard lateral light beacon	24° 45'.3 S	152° 26'.0 E
	legend, <i>Dir 270°</i> , for 270° centred on	24° 45'.3 S	152° 31'.8 E

Amend	light to <i>F. WR</i> & <i>F. WG</i>	24° 45'.4 S	152° 23'.4 E
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Delete	light	24° 45'.4 S	152° 23'.8 E
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Aus 818 [428/2002]

Insert	east cardinal light beacon, Q(3) 10s, with topmark	24° 45'.30 S	152° 28'.05 E
	light beacon, <i>Fl. R.</i> 4s, with cylindrical topmark	24° 45'.41 S	152° 27'.01 E

Substitute	light beacon, <i>Fl. G.</i> 4s, with triangular topmark, for starboard lateral light beacon	24° 45'.4 S	152° 26'.0 E
	legend, <i>Dir 270°</i> , for 270° centred on	24° 45'.3 S	152° 29'.6 E

Amend	light to <i>F. WR</i> & <i>F. WG</i>	24° 45'.4 S	152° 23'.4 E
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Delete	light	24° 45'.4 S	152° 23'.8 E
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531* AUSTRALIA - QUEENSLAND - Rockingham Bay - Survey.
 HMAS' *Mermaid* and *Paluma* HI 316 (02/4869). (AH99/175-02)

Aus 828 [522/2002]

Delete	legend, INADEQUATELY SURVEYED (see Note), centred on	18° 01'.8 S	146° 05'.5 E
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532* AUSTRALIA - QUEENSLAND - Howick Group - Depths.

HMAS' *Shepparton* & *Benalla* (02/4954), AHS MMI 3-1-21303. (AH99/175-02)

Aus 270 (plan, Howick Group) [500/2002]

Insert	depth, 9 ₈ m	14° 30'.476 S	144° 52'.362 E
	contour between	14° 30'.26 S	144° 52'.15 E
		14° 30'.50 S	144° 52'.55 E
	contour between	14° 30'.42 S	144° 52'.07 E
		14° 30'.71 S	144° 52'.61 E
Delete	contour between	14° 30'.26 S	144° 52'.15 E
		14° 30'.42 S	144° 52'.07 E
	contour between	14° 30'.50 S	144° 52'.55 E
		14° 30'.71 S	144° 52'.61 E

533* AUSTRALIA - QUEENSLAND - Wharton Reef to Noddy Reef - Depths.

AHS (02/5246). (AH99/175-02)

Aus 280 (plan, Magpie Reef to Eden Reef) [299/2002]

Insert	depth, 20m, enclosed by contour	14° 05'.62 S	143° 59'.45 E
Substitute	depth, 0 ₄ m, for 0 ₈ m	13° 43'.1 S	143° 45'.7 E

AU4_834

Note: the ENC cell will be amended in the September monthly update service.

534* AUSTRALIA - QUEENSLAND - Yule Rock - Contour.

AHS (02/5246). (AH99/175-02)

Aus 834 [NE 8/3/2002]

Insert	contour enclosing depth 7 ₉ m	13° 53'.5 S	143° 45'.3 E
	contour value, 15m	13° 53'.6 S	143° 45'.6 E

535* AUSTRALIA - QUEENSLAND - Pandora Entrance - Depths.

LADS HI 285 (02/4947), AHS MMI 3-1-20948. (AH99/175-02)

Aus 375 [127/2002]

Insert	depth, 6 ₂ fm, enclosed by contour	11° 30'.86 S	144° 00'.78 E
	depth, 8fm, enclosed by contour	11° 24'.42 S	143° 50'.16 E
	depth, 7 ₃ fm, enclosed by contour	11° 18'.76 S	143° 45'.71 E
	rock which covers and uncovers, enclosed by danger circle	11° 18'.63 S	144° 02'.63 E
		11° 18'.72 S	144° 00'.82 E
Substitute	depth, 4 ₅ fm, enclosed by contour, for 27fm and extend 10fm contour N to enclose	11° 35'.3 S	143° 54'.9 E
Delete	depth 7fm and enclosing contour	11° 22'.7 S	143° 53'.3 E
	depth 24fm	11° 18'.4 S	143° 45'.9 E

Note: charts Aus 836 and Aus 837 will be updated by block correction.

536* AUSTRALIA - TORRES STRAIT - Gabba Island - Depths; topography.
 AHS (02/4940). (AH99/175-02)

Aus 376 [127/2002]

Insert	depth, 3 ₂ m	(a)	9° 40'.16 S	142° 39'.74 E
	depth, 0 ₈ m, enclosed by contour		9° 41'.42 S	142° 42'.54 E
	depth, 1 ₅ m, enclosed by contour		9° 39'.64 S	142° 41'.32 E
	upright sounding, 1 ₄ m, enclosed by broken contour		9° 38'.09 S	142° 42'.40 E
	contour enclosing (a) between		9° 38'.5 S	142° 39'.3 E
			9° 41'.0 S	142° 40'.2 E
Substitute	depth, 1 ₈ m, for 3 ₃ m Rep (1994)		9° 39'.2 S	142° 34'.4 E
	legend, <i>Nicholls Cay</i> , for Bass Reef		9° 42'.5 S	142° 42'.8 E
Delete	reef, enclosing danger circle and legend <i>Nicholls Cay</i>		9° 41'.0 S	142° 40'.0 E
	legend, Rep to lie 0.5 miles SW (1987) centred on		9° 49'.6 S	142° 45'.4 E

537* PAPUA NEW GUINEA - Cape Nelson - Surveyed boundary.
 AHS (02/4934). (AH01/15)

Aus 384 [397/2002]

Insert	magenta pecked line between		9° 31'.6 S	149° 54'.1 E
			9° 13'.0 S	149° 26'.9 E
	magenta pecked line between		9° 27'.5 S	149° 53'.8 E
			9° 06'.3 S	149° 25'.5 E
	magenta pecked line between		9° 44'.0 S	150° 03'.5 E
			9° 51'.0 S	150° 06'.5 E
Delete	magenta pecked line between		9° 31'.6 S	149° 54'.1 E
			9° 27'.5 S	149° 53'.8 E
	magenta pecked line between		9° 13'.0 S	149° 26'.9 E
			9° 06'.3 S	149° 25'.5 E
	magenta pecked line between		9° 44'.0 S	150° 03'.5 E
			9° 51'.0 S	150° 15'.8 E
Move	legend, UNSURVEYED (see Note), centred on		9° 15'.5 S	149° 38'.5 E
	to		9° 25'.0 S	149° 37'.5 E

Note: boundary has been incorporated in new edition of Aus 519 presently in production.

538* AUSTRALIA - TIMOR SEA - Ashmore Reef - Shoal disproved.
 HMAS *Melville* (02/4868). (AH97/95)

Aus 44 [NC 08/02/2002]

Delete	depth 42m, enclosing contour and legend ED		12° 12'.1 S	122° 55'.1 E
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Aus 314 [474/2002]

Delete	depth 42m, enclosing contour and legend ED		12° 12'.1 S	122° 55'.1 E
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539* AUSTRALIA - VICTORIA - Port Welshpool - Lewis Channel - Light beacon altered in position.

List of Lights Vol K/2002 -- 2505.00
 Victorian Notice 45/2002 (02/4912). (AH99/21-02)

Aus 182 (plan, Lewis Channel) [482/2002]

Move	starboard lateral light beacon No 1		38° 45'.05 S	146° 26'.14 E
	to		38° 45'.035 S	146° 26'.138 E

540(T)/2002 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information.

Former Notice – 509(T)/2002 is cancelled
 Newcastle Port Corporation. (02/4836). (AH00/383)

Available depths as at 15 July 2002

<i>Berth</i>	<i>Metres</i>
Western Basin 1	8.3
Western Basin 3	11.5
Western Basin 4	11.4
Eastern Basin 1	11.4
Eastern Basin North of Ch 450	11.4
Eastern Basin South of Ch 450	10.8
Dockyard 2	3.9
Dockyard 4	8.2
Dyke 1	11.9
Dyke 2	12.7
Dyke 4	16.5
Dyke 5	16.5
Dyke 6	7.0
BHP Wharf 6 to Ch 1050	7.2
Kooragang 2	11.2
Kooragang 3	13.0
Kooragang 4	16.5
Kooragang 5	16.5
Kooragang 6	16.5
Kooragang Ship Reveal KSR	7.0

<i>Channels</i>	<i>Metres</i>
Entrance Approach	17.0
* Entrance Channel (18.0m)	17.1
* Entrance Channel Outer (17.4m)	17.0
* Entrance Channel Outer (16.8m)	16.2
Entrance Channel Outer (16.2m)	15.8
Entrance Channel to Horseshoe	15.0
Horseshoe	15.0
Steelworks Channel to Swinging Basin	15.0
Swinging Basin	15.0
Swinging Basin to BHP	10.5
Basin Cutting	12.4
Basin Area to Eastern & Western Basin Berths	12.3
Basin Area to 4 & 5 Lee	9.5
Basin Area to 1 Throsby	10.2
Basin Area (for vessels in excess of 265 metres)	9.8
Stockton Crossing	3.6

* Indicates new or revised entry.

Chart temporarily affected – Aus 207 – Aus 208.**541(T)/2002 AUSTRALIA - QUEENSLAND - Moreton Bay and Brisbane River - Depth information and keel clearances.**

Former Notice - 346(T)/2002 is cancelled
 Queensland Transport Notice 284(T)/2002 (02/4909). (AH99/323)

Available depths as at 24 July 2002:

	<i>Metres</i>
Moreton Bay:	
* North East Channel	5.5
North West Channel	14.0
Spitfire Channel	14.0
Main Channel	9.7
East Knoll Bypass Channel	6.9
East Channel	14.0

Brisbane River:	
* Entrance Beacons to Fisherman Islands Swing Basin	14.0
Pelican Banks Reach to Hamilton Reach	9.1

Keel clearances are required for approach channels as follows:

North West Channel	1.6
For vessels with a beam of 35 metres or more	1.8
Spitfire Channel	1.2
East Knoll Bypass Channel	1.4
East Channel	1.2
Entrance Beacons to Swing Basin	1.0
Pelican Banks Reach to Hamilton Reach	0.6 to 0.9
Alongside all berths	0.3

*Indicates new or revised entry.

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

542(T)/2002 AUSTRALIA - QUEENSLAND - Brisbane River - Depth information.

Former Notice - 711(T)/2001 is cancelled

Queensland Transport Notice 285(T)/2002 (02/4909). (AH99/323)

Available depths as at 24 July 2002:

<i>Berth</i>	<i>Metres</i>
Fisherman Islands No7	12.3
Fisherman Islands No6	13.0
Fisherman Islands No5	13.0
* Fisherman Islands No4	13.1
* Fisherman Islands No3	13.7
* Fisherman Islands No2	14.0
* Fisherman Islands No1	13.9
* Fisherman Islands Grain	13.0
* Caltex Fisherman Islands	13.3
* BP Luggage Point	13.8
* Fisherman Islands Coal	13.5
* Caltex Products	10.3
* QCL	10.4
* BP Products	11.1
* Shell	11.0
* Pacific Terminals	9.0
Incitec North	10.1
Incitec South	10.6
* Pinkenba 1	10.8
* Pinkenba 2	10.4
Sugar Terminal	9.9
* Mobil	8.1
Cairncross Fitting Out Wharf	8.5
* Cairncross Breasting Wharf	5.5
Maritime No3	10.4
* Maritime No2	10.2
Maritime No1	9.1
* Hamilton No4	10.1
* Hamilton No3	10.0
* Hamilton No2	10.5
* Hamilton No1	10.4
* Hamilton Cold Stores (to be developed)	4.5
ANL Newstead	7.4

*Indicates new or revised entry.

Chart temporarily affected – Aus 237 – Aus 238.

543(T)/2002 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Entrance Channel - Light buoys withdrawn.

Former Notice - 712(T)/2001 is cancelled

Queensland Transport Notice 292(T)/2002 (02/4910). (AH99/14)

Cancel this notice on receipt.

Chart formerly affected – Aus 241 – Aus 817

544(P)/2002 AUSTRALIA - QUEENSLAND - Bundaberg - Buoyage.

Former Notice - 609(P)/2001 is cancelled

Queensland Transport Notice 166/2002 (02/3274). (AH00/107)

1. Light beacons have been established as follows:

Number	Position	Characteristic
7	24° 45'.307 S 152° 25'.385 E	Fl. G. 4s
8	24° 45'.404 S 152° 25'.385 E	Fl. R. 4s
9	24° 45'.315 S 152° 24'.792 E	Fl. G. 4s
10	24° 45'.398 S 152° 24'.793 E	Fl. R. 4s
11	24° 45'.315 S 152° 24'.375 E	Fl. G. 4s
12	24° 45'.398 S 152° 24'.375 E	Fl. R. 4s
13	24° 45'.316 S 152° 24'.078 E	Fl. G. 4s
14	24° 45'.399 S 152° 24'.086 E	Fl. R. 2s
15	24° 45'.378 S 152° 23'.682 E	Fl. G. 4s
16	24° 45'.458 S 152° 23'.704 E	Fl. R. 4s
17	24° 45'.528 S 152° 23'.160 E	Fl. G. 4s
18	24° 45'.619 S 152° 23'.219 E	Fl. R. 2s
19	24° 45'.700 S 152° 22'.989 E	Fl. G. 4s
20	24° 45'.850 S 152° 22'.933 E	Fl. R. 4s
21	24° 45'.790 S 152° 22'.870 E	Fl. G. 4s
22	24° 45'.927 S 152° 22'.885 E	Fl. R. 4s
23	24° 45'.913 S 152° 22'.762 E	Fl. G. 4s
24	24° 46'.090 S 152° 22'.829 E	Fl. R. 4s
25	24° 46'.030 S 152° 22'.706 E	Fl. G. 4s

2. Directional lights, which are lit on demand (call Gladstone Harbour Control on VHF Ch 16), have been established as follows:

Sea Reach (North) 270°	24° 45'.352 S 152° 23'.423 E	Dir F. WG (occas)
Sea Reach (South) 270°	24° 45'.356 S 152° 23'.423 E	Dir F. WR (occas)
Middle Reach (Inbound) 252.2°	24° 45'.638 S 152° 22'.923 E	Dir F. WRG (occas)
Middle Reach (Outbound) 072.2°	24° 45'.315 S 152° 24'.032 E	Dir F. WRG (occas)
Inner Reach (Inbound) 229°	24° 45'.690 S 152° 22'.688 E	Dir F. WRG (occas)
Inner Reach (Outbound) 049°	24° 45'.400 S 152° 23'.433 E	Dir F. WRG (occas)

3. Special light buoys have been repositioned as follows:

B1	24° 46'.160 S 152° 22'.665 E	Fl. Y. 2.5s	Old No 21
B2	24° 46'.315 S 152° 22'.632 E	Fl. Y. 2.5s	Old No 23

4. Buoyage between the port and the city of Bundaberg has been renumbered, this will be incorporated in new chart Aus 242 (Port Bundaberg (scale 1:7 500) and Burnett River (scale 1:10 000)) which is in production. The current chart Aus 243 is being reschemed at a scale of 1:50 000.

Chart which will be affected – Aus 243.**545(T)/2002 AUSTRALIA - QUEENSLAND - Gladstone - Clinton Channel - Dredging operations completed.**

Former Notice - 85(T)/2002 is cancelled

Queensland Transport Notice 293/2002 (02/4910). (AH99/217)

Cancel this notice on receipt.

Chart formerly affected – Aus 244 – Aus 245**546(T)/2002 AUSTRALIA - QUEENSLAND - Rossllyn Bay - Dredging operations completed.**

Former Notices - 714(T)/2001 & 145(T)/2002 are cancelled

Queensland Transport Notice 291/2002 (02/4910). (AH99/142)

Cancel this notice on receipt.

Chart formerly affected – Aus 247

547(T)/2002 AUSTRALIA - QUEENSLAND - Townsville - Depth information.

Former Notice - 250(T)/2002 is cancelled

Queensland Transport Notice 312(T)/2002 (02/5070). (AH99/252)

Available depths as at 2 July 2002:

	<i>Metres</i>	<i>Remarks</i>
Sea Channel	11.7	
Platypus Channel	11.6	
Outer Harbour:		
* Arrival Channel	7.8	
* Departure Channel	11.2	
Inner Harbour:		
Harbour	11.7	
Berths:		
No 1	12.0	
* No 2	11.8	Not beyond 785 metre mark
* No 3	11.2	
* No 4	10.5	
* No 7	11.0	
No 8	10.2	
No 9	12.1	
* No 10	9.6	
* No 11	11.9	
* Between No 7 and No 8	10.1	Seaward of zero mark at No 7 berth
Between No 9 and No 10	10.1	Seaward of zero mark at No 10 berth
Ross River Channel	1.4	

* Indicates new or revised entry.

Chart temporarily affected – Aus 256 – Aus 257.

548(T)/2002 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Dredging.

Former Notice - 587(T)/2001 is cancelled

Queensland Transport Notice 298(T)/2002 (02/4942). (AH99/252)

The dredge *Darwin* has commenced dredging operations adjacent to No 11 Berth, Outer Harbour (19° 14'.6 S 140° 50'.2 E). The dredge will maintain a listening watch on VHF Radio Ch 12 and 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 256 – Aus 257.

549(T)/2002 AUSTRALIA - QUEENSLAND - Magnetic Island - Nelly Bay - Lit pile established.

Queensland Transport Notice 299(T)/2002 (02/4942). (AH00/137-02)

A lit pile, *Fl.3s*, with east cardinal topmark, has been established in position 19° 19'.09 S 146° 51'.30 E.

Note: Notice to Mariners 122(T)/2001 refers.

Chart temporarily affected – Aus 256.

550(T)/2002 AUSTRALIA - QUEENSLAND - Cairns - Depth information.

Former Notice - 448(T)/2002 is cancelled

Queensland Transport Notice 295(T)/2002 (02/4942). (AH99/393)

Available depths as at 26 July 2002:

	<i>Metres</i>
* Entrance Channel	8.3
Crystal Swing Basin at:	
360 metre diameter	6.8
380 metre diameter	6.2
Swing Basin at:	
310 metre diameter	8.1
320 metre diameter	7.2
Marlin Marina	2.1
Berths:	
No 1	8.3
No 2	8.2
No 3	8.2
No 4	8.2
No 5	8.0
No 6	7.4
No 7	10.0
No 8	10.0
No 10	9.3
No 12	10.5
Smith Creek 1	5.5

* Indicates new or revised entry.

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

551(T)/2002 AUSTRALIA - QUEENSLAND - Karumba - Light beacon destroyed.

Queensland Transport Notice 305(T)/2002 (02/5070). (AH00/137-02)

No 17 light beacon (17° 26'.65 S 140° 46'.93 E) has been destroyed.

1

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 6.

552(T)/2002 AUSTRALIA - NORTHERN TERRITORY - Troubadour Shoals - Scientific instruments.

Former Notice - 254(T)/2002 is cancelled

WNI Oceanographers and Meteorologists (02/5143). (AH98/148)

Scientific instruments exist in positions (WGS 84) as follows:

<i>Position</i>	<i>Remarks</i>
11° 32'.76 S 128° 14'.54 E	White float
11° 32'.46 S 128° 14'.43 E	White float
11° 09'.78 S 128° 10'.90 E	White float
11° 09'.88 S 128° 10'.70 E	White float
10° 25'.46 S 128° 13'.59 E	White float
10° 25'.49 S 128° 13'.32 E	White float
9° 49'.63 S 128° 10'.18 E	White float
9° 49'.62 S 128° 09'.92 E	White float
9° 36'.72 S 128° 07'.36 E	Lit white float <i>Fl(5) Y. 20s</i>
9° 38'.27 S 128° 07'.50 E	White float
9° 38'.27 S 128° 07'.19 E	White float
*9° 36'.21 S 128° 08'.05 E	Sub-surface, depth 160m
*9° 35'.87 S 128° 07'.68 E	Sub-surface, depth 205m

* Indicates new or revised position.

Mariners are not to use the buoys as mooring.

Chart temporarily affected – Aus 309 – Aus 311 – Aus 315.

553(T)/2002 WESTERN AUSTRALIA - Sahul Banks - Scientific instruments recovered.

Former Notice - 257(T)/2002 is cancelled
WNI Science & Engineering (02/5141). (AH99/212)

Cancel this notice on receipt.

Chart formerly affected – Aus 314

554(T)/2002 WESTERN AUSTRALIA - Geraldton - Light buoy.

Geraldton Port Authority (02/5163). (AH99/30)

A starboard lateral spherical light buoy, Q. G , without topmark, has been established in position 28° 46'.28 S 114° 36'.20 E.

Chart temporarily affected – Aus 81.

555(P)/2002 SOUTH AUSTRALIA - Evans Island - Light range to be altered.

Date - On or about 15 September 2002
List of Lights Vol K/2002 -- 1820.00
AMSA ATH 2002/37 (02/5137). (AH99/35)

The range of light (32° 22'.8 S 133° 28'.6 E) will be altered to 17M.

Chart which will be affected – Aus 120 – Aus 341 – Aus 4727.

556(P)/2002 SOUTH AUSTRALIA - North Neptunes - Light to be discontinued.

Date - On or about 6 September 2002
List of Lights Vol K/2002 -- 1872.30
AMSA ATH 2002/36 (02/5138). (AH99/35)

The light (35° 14'.0 S 136° 03'.5 E) will be discontinued.

Chart which will be affected – Aus 343 – Aus 345 – Aus 444.

557(T)/2002 AUSTRALIA - TASMANIA - Frederick Henry Bay - Obstructions.

Date - Until 13 September 2002
MHQAUST (02/5142). (AH99/177)

Ground mine and buoyant midwater shapes have been laid in the following (WGS 84) positions:

42° 57'.75 S 147° 35'.60 E
42° 58'.02 S 147° 35'.61 E
42° 57'.89 S 147° 35'.75 E
42° 57'.89 S 147° 35'.46 E
42° 57'.85 S 147° 35'.66 E
42° 57'.92 S 147° 35'.55 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 171 – Aus 795.

558(T)/2002 AUSTRALIA - VICTORIA - Corner Inlet and Port Albert - Pile maintenance.

Victorian Notices 44(T)/2002 (02/4911). (AH99/147)

Work barge *Gippslander* is removing old pile structures in Lewis, Toora and Franklin Channels from 0700 to 1600 Monday to Friday. When anchored overnight a flashing yellow light is displayed.

Gippsland Ports vessel *Waterloo* is in attendance and can be contacted by radio on VHF Ch 16.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 181 – Aus 182.

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 9 August 2002. 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

- 227 Cancelled.
- 228 SE Coast. Drill rig *Ocean Bounty* in position 38° 15'.2 S 147° 48'.4 E. 2.5M clearance requested.
- 229 Cancelled.
- 230 Cancelled.
- 231 Cancelled.
- 232 Cancelled.
- 233 Cancelled.
- 234 Cancelled.
- 235 Cancelled.
- 236 NW Coast. Drill rig *Sedco 703* in position 14° 20'.8 S 122° 15'.0 E. 2.5M clearance requested.
- 237 Cancelled.
- 238 SW Coast. Defence sonar trials within 20M of an E/W line from position 30° 50'.0 S 114° 00'.0 E to 30° 50'.0 S 114° 46'.0 E.
- 239 Cancelled.
- 240 E Coast. MT Pacific Chieftain towing HMS Nottingham from Lord Howe Island 060300UTC to Newcastle ETA 082100UTC.
- 241 S Coast. Coast Radio Adelaide is out of operation until further notice.

NAVAREA X WARNINGS

- 006 N Coast. Drill rig *Energy Searcher* in position 9° 20'.2 S 130° 21'.1 E. 2.5M clearance requested.

Navigational warnings in force as at 080001UTC AUG 02.

Auscoast

142 168 200 201 206 210 216 217 224 225 226 228 236 238 240 241.

Navarea X

001 006.

Summary of mobile drilling rigs as at 080001UTC AUG 02.

<i>Name</i>	<i>Position</i>
Energy Searcher	9° 20'.2 S 130° 21'.1 E
Charles Explorer	11° 01'.0 S 126° 35'.0 E
Sedco 703	14° 20'.8 S 122° 15'.0 E
Ensco 56	20° 40'.4 S 115° 35'.1 E
Sedco 702	20° 55'.1 S 114° 54'.3 E
Ocean Bounty	38° 15'.2 S 147° 48'.4 E

NAVAREA XIV WARNINGS

- 119 Cancelled.
- 120 Cancelled.
- 121 Cancelled.
- 122 Cancelled.
- 123 Cancelled.

Navarea XIV warnings in force as at 080001UTC AUG 02.

118.

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
NSW- Stockton Beach	Wreck	NUSHIP <i>Yarra</i>	
NT- Clarence Strait Darwin	Piles Water tank	HMAS <i>Bunbury</i>	