



Australian Notices to Mariners are the authority for correcting Australian Charts

# AUSTRALIAN NOTICES TO MARINERS

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Notices 210-231

## List of Temporary and Preliminary Notices in Force Cumulative List – April 2002

Published fortnightly by the Australian Hydrographic Service

B. J. KAUFER,  
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 [hni.hydro@navy.gov.au](mailto:hni.hydro@navy.gov.au) or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – [www.hydro.gov.au](http://www.hydro.gov.au)), immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email [rccaus@amsa.gov.au](mailto:rccaus@amsa.gov.au)).**

Copies of these notices can be obtained from the AUSTRALIAN HYDROGRAPHIC OFFICE, 8 Station Street, Wollongong, and Agents for the sale of charts and hydrographic publications.

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Edition No 7

5 April 2002

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**210 AUSTRALIA – Publications.**

AHS (02/1736), (02/1820) (AH99/226-02, AH99/229-02)

**New chart**

Chart	Published	Title, limits and description of amendments	Scale	Folio	Index Chart	Price
Aus 44	08/02/2002	Timor Sea – Ashmore Reef 12° 06' 42" S – 12° 20' 00" S 122° 52' 00" E - 123° 13' 24" E New chart Aus 44 providing improved coverage of Ashmore Reef. Chart datums are referred to WGS84 and LAT. Note: the plan Ashmore Reef Anchorage on Aus 314 has been cancelled on publication of Aus 44.	1:37 500	2	Aus 65000	\$25.65

Chart	Published	Title, limits and description of amendments	Scale	Folio	Index Chart	Price
Aus 824	08/02/2002	Australia – East Coast – Queensland – Penrith Island to Whitsunday Island 20° 09' 24" S – 21° 05' 18" S 148° 37' 00" E - 150° 10' 54" E New metric chart of Aus 824, with general updating throughout. Chart datums are referred to WGS84 and LAT.	1:150 000	8	Aus 65000 Aus 65001	\$25.65

**Admiralty publication**

NP No	Title	Date	RRP(UK)	Remarks
NP 288	Admiralty List of Radio Signals. Satellite Navigation Systems.	14/03/02	£12.00	The 2001/02 edition of NP 288 is thereby cancelled.

**Admiralty digital publication**

DP No	Title	Date	RRP(UK)	Remarks
DP 550-02	TotalTide 2002.	14/03/02	£130.00 £70.00 £56.00	For the calculation program only. For each data set. For each area data set update (existing users only). DP 550-01 is hereby withdrawn.

**Chart permanently withdrawn**

Chart	On publication of new chart
Aus 824	Aus 824

**211 AUSTRALIA - QUEENSLAND - Cairns - Agents for the sale of Charts and Hydrographic Publications.**

Australian Hydrographic Service (02/1729) (AH02/69)

The following business has revised agent's details:

CAIRNS  
 \*Cairns Navigation Centre  
 370 Mulgrave Road  
 CAIRNS 4875  
 Phone (07) 4033-1344  
 Fax (07) 4033-1355  
 E-mail: info@sharplift.com.au  
 Internet: www.sharplift.com.au

**212 AUSTRALIA - Miscellaneous correction.**

AHS (02/1732), (01/6618). (AH99/243, AH00/153)

**Aus 370 [726/2001]**

Amend	Limits, with legend Aus 824 in SE corner, as follows		
	South	21° 05'.4 S	150° 10'.90 E
	East		

Delete	legend Aus 824	20° 10'.0 S	150° 08'.5 E
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**Aus 378 [142/2001]**

Substitute	<a href="#">accompanying note</a>	7° 50'.0 S	143° 08'.5 E
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**Aus 383 [44/2000]**

Substitute	<a href="#">accompanying note</a>	8° 46'.0 S	152° 40'.0 E
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**Aus 395 [287/2000]**

Substitute	<a href="#">accompanying note</a>	5° 39'.5 S	151° 41'.0 E
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**Aus 449 [473/2001]**

Substitute	<a href="#">accompanying note</a>	68° 02'.0 S	57° 05'.0 E
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**Aus 450 [107/1994]**

Substitute	<a href="#">accompanying note</a>	69° 12'.0 S	67° 42'.0 E
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**Aus 451 [628/1997]**

Substitute	<a href="#">accompanying note</a>	69° 57'.0 S	80° 03'.0 E
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**Aus 502 [405/1993]**

Substitute	<a href="#">accompanying note</a>	7° 38'.5 S	145° 12'.2 E
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**Aus 505 [219/2001]**

Substitute	<a href="#">accompanying note</a>	9° 36'.8 S	147° 32'.5 E
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**Aus 506 [208/2000]**

Substitute	<a href="#">accompanying note</a>	10° 06'.5 S	148° 37'.5 E
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**Aus 514 [65/1996]**

Substitute	<a href="#">accompanying note</a>	8° 56'.7 S	153° 03'.8 E
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**Aus 519 [314/2000]**

Substitute	<a href="#">accompanying note</a>	9° 13'.8 S	149° 43'.5 E
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**Aus 523 [433/2001]**

Substitute	<a href="#">accompanying note</a>	6° 41'.8 S	147° 22'.5 E
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**Aus 567 [349/2001]**

Substitute	<a href="#">accompanying note</a>	10° 36'.5 S	150° 17'.0 E
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**Aus 570 [313/2000]**

Substitute	<a href="#">accompanying note</a>	8° 23'.8 S	151° 20'.8 E
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**Aus 573 [467/1995]**

Substitute	<a href="#">accompanying note</a>	7° 49'.8 S	147° 33'.6 E
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**213\* AUSTRALIA - QUEENSLAND - Brisbane River - Hamilton Reach - Nomenclature.**

Australia Pilot Vol 3, 1999 - p 136

Queensland Transport (02/1726). (AH99/317)

**Aus 238 (plan, Hamilton Reach) [187/2002]**

Amend	name Keppel to, <i>Forgacs</i> , centred on	27° 26'.52 S	153° 04'.50 E
		27° 26'.92 S	153° 04'.47 E

**214\* AUSTRALIA - TIMOR SEA - Ashmore Reef - Depths.**

Australia Pilot Vol 5, 1992 - p 107 & Supp No 3 - 2001

AHS (02/1819). (AH97/95)

**Aus 314 [563/2001]**

Substitute [accompanying block](#), for plan Ashmore Reef Anchorage 12° 30'.0 S 123° 00'.0 E

Insert [accompanying block](#) 11° 11'.0 S 125° 44'.0 E  
[accompanying note](#) 12° 52'.5 S 125° 47'.5 E

**Aus 319 [98/2002]**

Insert [accompanying block](#) 12° 30'.0 S 123° 05'.0 E  
[accompanying block](#) 13° 48'.0 S 123° 02'.0 E

**215 INDONESIA - Sumbawa - Badas - Light altered.**

List of Lights Vol K/2002 -- 1307.50

Indonesian Notice to Mariners Notice 40/310/2001 (02/1341). (AH99/65)

**Aus 414 [633/2001]**

Amend light characteristics to *Fl. 2s 10M* 8° 28'.2 S 117° 22'.8 E

**216\* WESTERN AUSTRALIA - Camden Sound - Islet.**

Australia Pilot Vol 5, 1992 - p 153 & Supp No 3 - 2001

HMAS Bunbury (02/1636). (AH97/95)

**Aus 320 [49/2002]**

Insert islet 15° 22'.60 S 124° 23'.20 E

**Aus 730 [49/2002]**

Insert islet, with legend *Rep (2002)* 15° 22'.60 S 124° 23'.20 E

Delete depth 2m 15° 22'.6 S 124° 23'.2 E

**217\* SOUTH AUSTRALIA - Thevenard - Marine farms.**

Australia Pilot Vol 1, 1992 - p 72 & Supp No 3 - 2001

Aquaculture SA (01/7325). (AH99/453)

**Aus 120 [154/2002]**

Insert	marine farm centred on	32° 08'.81 S	133° 34'.79 E
		32° 09'.73 S	133° 33'.56 E
		32° 15'.33 S	133° 39'.67 E
		32° 12'.11 S	133° 42'.71 E
		32° 18'.55 S	133° 52'.56 E
		32° 19'.31 S	133° 53'.93 E
		32° 20'.55 S	133° 54'.63 E
		32° 23'.07 S	133° 54'.21 E
		32° 23'.42 S	133° 54'.15 E
	pecked line, with legend <i>Marine Farm</i> (see Note), between	32° 12'.90 S	133° 41'.89 E
		32° 12'.91 S	133° 41'.95 E
		32° 13'.24 S	133° 41'.90 E
		32° 13'.51 S	133° 41'.68 E
		32° 13'.43 S	133° 41'.57 E
		32° 13'.05 S	133° 41'.80 E
	pecked line, with legend <i>Marine Farm</i> (see Note), between	32° 06'.83 S	133° 34'.83 E
		32° 06'.90 S	133° 35'.01 E
		32° 07'.84 S	133° 35'.03 E
		32° 08'.10 S	133° 35'.26 E
		32° 08'.29 S	133° 35'.22 E
		32° 08'.42 S	133° 35'.15 E
		32° 08'.42 S	133° 35'.06 E
		32° 08'.10 S	133° 35'.09 E
		32° 07'.83 S	133° 34'.79 E
	pecked line, with legend <i>Marine Farm</i> (see Note), between	32° 09'.12 S	133° 34'.22 E
		32° 08'.99 S	133° 34'.44 E
		32° 09'.03 S	133° 34'.47 E
		32° 09'.21 S	133° 34'.27 E
		32° 09'.75 S	133° 34'.32 E
		32° 09'.73 S	133° 34'.26 E
		32° 09'.44 S	133° 34'.07 E
	pecked line, with legend <i>Marine Farm</i> (see Note), between	32° 22'.65 S	133° 52'.23 E
		32° 22'.68 S	133° 52'.73 E
		32° 22'.98 S	133° 53'.50 E
		32° 23'.06 S	133° 53'.49 E
		32° 23'.26 S	133° 53'.37 E
		32° 23'.26 S	133° 53'.31 E
		32° 23'.04 S	133° 53'.29 E
		32° 22'.83 S	133° 52'.21 E
	<a href="#">accompanying note</a>	32° 09'.2 S	133° 18'.5 E
Delete	depth 2 <sub>7</sub> m	32° 09'.6 S	133° 34'.3 E
	depth 3 <sub>6</sub> m	32° 08'.4 S	133° 34'.9 E
	depth 1 <sub>8</sub> m	32° 18'.5 S	133° 52'.6 E

**218\* SOUTH AUSTRALIA - Port Pirie - Light established in position.**

Australia Pilot Vol 1, 1992 - p 105 & Supp No 3 - 2001

Transport SA Notice 7/2002 & 8/2002 (02/249), (02/1745). (AH99/35)

**Aus 136 (plan, Port Pirie) [137/2002]**

Insert	light beacon, <i>Fl.</i> 3s, with St Andrews Cross topmark	33° 06'.42 S	138° 01'.69 E
Move	stranded wreck	33° 06'.47 S	138° 01'.83 E
	to	33° 06'.44 S	138° 01'.68 E

**219 AUSTRALIA - Publication - Cumulative List of Australian Notices to Mariners - April 2002.**

AHS (02/1860). (AH99/232)

The Cumulative List of Australian Notices to Mariners - April 2002 is issued as an accompanying supplement. It lists all permanent notices affecting charts in the Area of Australian Charting Responsibility published in the preceding two years since Edition 8 of 2000 dated 14 April 2000, and includes Edition 7 of 2002 dated 5 April 2002.

**220(T)/2002 AUSTRALIA - NEW SOUTH WALES - Botany Bay - Light buoy.**

*Date - Until further notice*

NSW Notice 4/2002 (02/1457). (AH99/18)

A lit waverider buoy, *F(5) Y. 20s*, exists in position (WGS 84) 33° 58'.342 S 151° 11'.993 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 199.**

**221(T)/2002 AUSTRALIA - QUEENSLAND - Moreton Bay - Koopa Channel - Dredging; lit mooring buoy withdrawn.**

*Former Notice - 580(T)/2001 is cancelled*

Queensland Transport Notice 92/2002 (02/1929). (AH99/14)

The dredge *Ken Harvey* is currently operating in the Inner Bar Reach adjacent to Koopa Channel ( 27° 21'.6 S 153° 10'.3 E ).

The dredge will operate during daylight hours only and will maintain a listening watch on VHF Ch 12.

The lit mooring buoy in position 27° 21'.47 S 153° 10'.27 E has been withdrawn.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 236 – Aus 237.**

**222(T)/2002 AUSTRALIA - QUEENSLAND - Brisbane River - South Brisbane Reach - Bridge construction complete; light buoys withdrawn.**

*Former Notice - 583(T)/2001 is cancelled*

AHS (02/85). (AH99/207)

Cancel this notice on receipt.

**Chart formerly affected – Aus 238**

**223(T)/2002 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information.**

*Former Notice - 662(T)/2000 is cancelled*

Queensland Transport Notice 89/2002 (02/1901). (AH99/343)

Available depth as at 15 March 2002:

	<i>Metres</i>	
	<i>LAT</i>	<i>ISLW (Chart Datum)</i>
* Sea Reach	9.5	9.7
* Middle reach	9.5	9.7
* Inner Reach	9.5	9.7
* Departure Channel	9.5	9.7
Swing Basin	7.2	7.4
Oil Berth	9.6	9.8
* BST Berth	9.6	9.8

\* Indicates new or revised entry.

**Chart temporarily affected – Aus 243.**

**224(T)/2002 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Swing Basin - Dredging operations.**

*Former Notice - 61(T)/2002 is cancelled*

Queensland Transport Notices 74 & 75/2002 (02/1644). (AH99/343)

The dredge *John G Francis* is operating between 24° 46'.16 S 152° 22'.89 E (adjacent the oil berth) and 24° 46'.19 S 152° 22'.72 E (across the river).

The channel will be periodically blocked by the dredge which can be contacted on VHF Ch 12 and 16.

Mariners are advised to navigate with caution in the area.

*Note:* Notice to mariners 609(P)/2001 refers.

**Chart temporarily affected – Aus 243.**

**225(T)/2002 AUSTRALIA - QUEENSLAND - Gladstone - Depth information.**

*Former Notice - 610(T)/2001 is cancelled*

Queensland Transport Notice 83/2002 (02/1848). (AH99/217)

Available depths (LAT) as at 12 March 2002:

	<i>Metres</i>
Sea Channels:	
Wild Cattle Cutting	16.3
Boyne Island Cutting	16.3
Boyne Island Extension Channel	9.0
Golding Cutting	16.3
Golding Bypass Channel	7.3
Gatcombe Cutting	16.3
Gatcombe Bypass Channel	12.5
Inner Channels:	
Auckland Channel	15.8
Auckland Bypass Channel	6.8
Clinton Channel	16.0
Clinton Bypass Channel	8.9
Clinton Swing Basin	10.4
Targinnie Channel	8.9
Targinnie Swing Basin	8.9
Berths:	
Boyne Smelter Wharf	15.0
South Trees East Wharf	12.8
South Trees West Wharf	12.8
Barney Point Wharf	15.0
* Auckland Point No 1 Wharf	11.3
Auckland Point No 2 Wharf	11.3
Auckland Point No 3 Wharf	11.3
Auckland Point No 4 Wharf	11.4
Clinton No 1 Wharf	18.8
Clinton No 2 Wharf	18.8
Fishermans Landing Wharf	11.2
Bulk Liquids Wharf	11.2

\* Indicates new or revised entry.

**Chart temporarily affected – Aus 244 – Aus 245 – Aus 246.**

**226(T)/2002 AUSTRALIA - QUEENSLAND - Mackay - Depth information.**

*Former Notice - 611(T)/2001 is cancelled*

Queensland Transport Notice 88/2002 (02/1849). (AH99/438)

Available depths (LAT) as at 14 March 2002:

	<i>Metres</i>
Entrance Channel	8.2
* Swing Basin	8.0
Berth No 1	10.6
Berth No 2	10.1
Berth No 3	12.8
Berth No 4	10.5
Berth No 5	12.2

\* Indicates new or revised entry.

**Chart temporarily affected – Aus 250.**

**227(T)/2002 PAPUA NEW GUINEA - Admiralty Islands - Scientific instrument northward.**

*Date - Until further notice*

Hydrographic Department of Japan (01/10510) (AH99/195)

An observation buoy has been established in position (WGS 84) 00° 10.3' S 146° 59'.5 E.

**Chart temporarily affected – Aus 462 – Aus 4622.**

**228(T)/2002 WESTERN AUSTRALIA - North West Cape - Scientific instruments.**

Former Notice - 94(T)/2002 is cancelled

WNI Oceanographers & Meteorologists (02/1897). (AH99/212)

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

<i>Position</i>	<i>Remarks</i>
18° 45'.84 S 117° 07'.75 E	HPR light buoy <i>Fl(5) Y. 20s</i>
19° 30'.05 S 116° 59'.99 E	HPR light buoy <i>Fl(5) Y. 20s</i>
19° 36'.49 S 116° 07'.28 E	Waverider light buoy <i>Fl(5) Y. 20s</i>
21° 26'.23 S 114° 03'.31 E	White floats
21° 29'.83 S 113° 57'.19 E	White floats

\*Indicates new or revised entry.

Mariners are not to use the buoys as a mooring.

Buoys in positions 21° 36'.10 S 114° 02'.72 E and 21° 37'.05 S 114° 02'.72 E have been recovered.

**Chart temporarily affected – Aus 327 – Aus 328 – Aus 329 – Aus 744.**

**229(T)/2002 SOUTH AUSTRALIA – Port Adelaide - Mooring buoys westward.**

*Date* - Until further notice

South Australia Notice 13/2000 (02/1944). (AH99/36)

White pillar light buoys, *Fl. Y. 5s*, without topmarks, exist in positions (WGS 84) as follows:

34° 46'.869 S 138° 19'.210 E  
34° 47'.801 S 138° 19'.187 E

The buoys are being used in conjunction with submarine trim dive operations.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected – Aus 780 – Aus 781.**

**230(T)/2002 AUSTRALIA - VICTORIA - Point Ricardo - Submarine pipeline; prohibited area westward.**

*Date* - Until 8 June 2002

Victorian Notice 15/2002 (02/1695). (AH99/178)

Support vessels *Albatross* and *Sea Pride* are conducting survey and underwater operations in position (AGD 66) 37° 48'.49 S 148° 26'.13 E.

A restricted area, radius of 1M centred on the above position, has been established. Entry into this area is prohibited at all times.

Unlit buoys exist within the area.

Vessels can be contacted on VHF channel 16 or by mobile telephone as follows:

*Albatross* 0408 460 528  
*Sea Pride* 0427 512 149

**Chart temporarily affected – Aus 357A – Aus 358.**

**231(T)/2002 AUSTRALIA - Temporary and Preliminary Notices.**

Former Notice - 68(T)/2002 is cancelled

AHS (02/2015). (AH99/253)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
		<b>BASS STRAIT</b>
		<i>Five Mile Bluff to Ninety Mile Beach</i>
718/2001	Aus167-356-357-357A-422-445A-799	Pipeline
		<b>CORAL SEA</b>
		<i>Lihou Reef</i>
653/2001	Aus614 .....	Shoals
		<b>NEW SOUTH WALES</b>
		<i>Botany Bay</i>
220/2002	Aus199 .....	Light buoy
		<i>Green Cape to Point Danger</i>
183/2001	Aus806-807-808-812-813	Scientific instruments
		<i>Jervis Bay</i>
140/2002	Aus193-807-808 .....	Obstructions
		<i>Point Perpendicular</i>
172/2002	Aus193-360-423-807-808	Light to be altered
		<i>Tweed River</i>
111/2002	Aus813-814 .....	Scientific Instrument
		<b>NORTHERN TERRITORY</b>
		<i>Beagle Bay to Troubadour Shoals</i>
505/2001	Aus309-310-311-411-413-722	Scientific instruments
		<i>Darwin</i>
283/1999	Aus26 .....	Obstruction; light buoys
87/2001	Aus26 .....	Artificial reef; buoy
147/2002	Aus26-28 .....	Shoaling; light buoy
201/2002	Aus28 .....	Depth information
		<i>Sahul Banks</i>
655/2001	Aus310 .....	Scientific instruments
		<b>QUEENSLAND</b>
		<i>Brisbane River</i>
51/2000	Aus237 .....	Dredging operations
154/2001	Aus238 .....	Light buoy
411/2001	Aus237 .....	Pipeline; mooring buoy removed
680/2001	Aus236-237 .....	Harbour works
681/2001	Aus237-238 .....	Harbour works
711/2001	Aus237-238 .....	Depth information
82/2002	Aus238 .....	Harbour Works
144/2002	Aus236-237 .....	Light buoy
		<i>Bundaberg</i>
609/2001	Aus243-366-817-818 .....	Buoyage
682/2001	Aus243 .....	Shoal
223/2002	Aus243 .....	Depth information
224/2002	Aus243 .....	Dredging operations
		<i>Cairns</i>
174/2002	Aus262-263-264-830 .....	Depth information
		<i>Cairns to White Cliffs</i>
503/2001	Aus830 .....	Sea trials
		<i>Cape Flattery</i>
504/2001	Aus832 .....	Harbour works

<b>272/2001</b>	Aus372 .....	<i>Chicken Reef</i> Scientific instrument northeastward
<b>380/2001</b> <b>686/2001</b>	Aus831 .....	<i>Cooktown</i> Light beacon destroyed; light buoy Depth information
<b>249/2000</b> <b>85/2002</b> <b>225/2002</b>	Aus244-245 .....	<i>Gladstone</i> Harbour works Dredging operations Depth information
<b>606/2000</b>	Aus373-831 .....	<i>Great Barrier Reef</i> Scientific instrument eastward
<b>712/2001</b>	Aus241-817 .....	<i>Great Sandy Strait</i> Light buoys
<b>448/2001</b>	Aus250 .....	<i>Hay Point</i> Depth information
<b>86/2001</b> <b>688/2001</b>	Aus6 .....	<i>Karumba</i> Light beacon destroyed; light buoy Depth information
<b>613/2001</b>	Aus259 .....	<i>Lucinda</i> Obstruction
<b>173/2002</b> <b>226/2002</b>	Aus249-250 .....	<i>Mackay</i> Harbour works Depth information
<b>635/2000</b> <b>122/2001</b>	Aus256-827 .....	<i>Magnetic Island</i> Works in progress Dredging; light beacons
<b>333/2001</b> <b>409/2001</b> <b>438/2001</b> <b>710/2001</b> <b>221/2002</b>	Aus236 .....	<i>Moreton Bay</i> Light beacon destroyed; light buoy Leading light destroyed; light buoy Wreck Dredging Dredging; lit mooring buoy withdrawn
<b>499/2001</b>	Aus235-236-237-238-814	<i>Moreton Bay and Brisbane River</i> Depth information and keel clearances
<b>157/2001</b>	Aus236 .....	<i>Moreton Island</i> Light beacon destroyed; light buoy
<b>685/2001</b>	Aus829 .....	<i>Mourilyan</i> Depth information
<b>482/2001</b>	Aus822 .....	<i>Percy Isles</i> Rocks
<b>63/2002</b>	Aus268 .....	<i>Pioneer Bay</i> Reclamation works
<b>87/2002</b>	Aus249 .....	<i>Pioneer River</i> Obstructions marked by light buoys
<b>273/2001</b>	Aus828 .....	<i>Pith Reef</i> Scientific instrument northwestward
<b>112/2002</b>	Aus4-236-247-249-251-256-258-365-814-829-830	<i>Point Danger to Weipa</i> Scientific instruments
<b>539/2000</b>	Aus247 .....	<i>Port Alma</i> Depth information
<b>636/2000</b>	Aus830 .....	<i>Port Douglas</i> Depth information

<b>714/2001</b>	Aus247 .....	<i>Roslyn Bay</i> Shoaling
<b>145/2002</b>	Aus247 .....	Dredging operations
<b>687/2001</b>	Aus293-299 .....	<i>Thursday Island</i> Depth information
<b>270/1998</b>	Aus256-257 .....	<i>Townsville</i> Shoaling
<b>587/2001</b>	Aus256-257 .....	Dredging
<b>89/2002</b>	Aus256-257 .....	Depth information
<b>405/2000</b>	Aus251 .....	<i>Victor Creek</i> Light beacon destroyed; light buoy
<b>545/2000</b>	Aus4.....	<i>Weipa</i> Depth information
<b>SOUTH AUSTRALIA</b>		
<b>161/2001</b>	Aus781 .....	<i>Barcoo</i> Obstruction
<b>302/2001</b>	Aus125-781 .....	<i>Glenelg</i> Light buoys
<b>690/2001</b>	Aus4727 .....	<i>Great Australian Bight</i> Scientific instruments
<b>229/2002</b>	Aus345-781 .....	<i>Gulf of St Vincent</i> Light buoys
<b>178/2002</b>	Aus345-444-781 .....	<i>Long Spit</i> Light to be established
<b>179/2002</b>	Aus127-347 .....	<i>Margaret Brock Reef</i> Light to be established
<b>176/2002</b>	Aus345-444-780 .....	<i>Marion Reef</i> Light to be established
<b>589/2001</b>	Aus137-781 .....	<i>North Haven</i> Dredging operations; light buoys
<b>95/2002</b>	Aus137 .....	<i>Port Adelaide</i> Shoaling
<b>716/2001</b>	Aus780-781 .....	<i>Port Vincent</i> Yachting buoys
<b>700/2000</b>	Aus120 .....	<i>Thevenard</i> Light beacon altered; light buoy
<b>177/2002</b>	Aus125-345-444-780 .....	<i>Troubridge Island</i> Light to be discontinued
<b>300/2001</b>	Aus127-778-781 .....	<i>Yarraville Shoal to Cape Jaffa</i> Lights
<b>175/2002</b>	Aus344-444-778 .....	<i>Yarraville Shoal</i> Light to be established
<b>TASMANIA</b>		
<b>254/2000</b>	Aus173 .....	<i>D'Entrecasteaux Channel</i> Fish farm
<b>207/2002</b>	Aus164 .....	<i>Devonport</i> Dredging
<b>110/2000</b>	Aus172 .....	<i>Hobart</i> Depth information

<b>339/1997</b>	Aus167 .....	<i>Port Dalrymple</i> Shoal depth
<b>111/2000</b>	Aus170 .....	<i>Spring Bay</i> Depth information
<b>202/2002</b>	Aus312-4603 .....	<b>TIMOR SEA</b> <i>Sahul Banks</i> Gas field
<b>66/2002</b>	Aus357-357A-358-422-445A	<b>VICTORIA</b> <i>Bass Strait</i> Traffic separation scheme adjustment
<b>206/2002</b>	Aus349 .....	Scientific instruments
<b>118/2002</b>	Aus140-786 .....	<i>Cape Sir William Grant</i> Obstruction; light buoys
<b>342/1997</b>	Aus181 .....	<i>Corner Inlet</i> Shoaling
<b>304/2001</b>	Aus358-359-806 .....	<i>Gabo Island</i> Fish farm westward; buoy
<b>515/2001</b>	Aus182-357-357A.....	<i>Lakes Entrance</i> Leading lights
<b>67/2002</b>	Aus148-150-179-181-182-191-193-356-357-357A-359-360-422-423-445A-445B-798-801-802-806-807-808-4060-4074-4601-4602	<i>Mallacoota</i> Differential global positioning system
<b>230/2002</b>	Aus357A-358 .....	<i>Point Ricardo</i> Submarine pipeline; prohibited area westward
<b>420/1998</b>	Aus157-158 .....	<i>Port Phillip</i> Beacon destroyed
<b>774/1998</b>	Aus143-157 .....	Buoy off station
<b>211/2001</b>	Aus157 .....	Shoaling
<b>238/2001</b>	Aus154 .....	Harbour works
<b>559/2001</b>	Aus157 .....	Depth information
<b>658/2001</b>	Aus143-158 .....	Prohibited area; special buoy
<b>64/2002</b>	Aus157 .....	Light buoys
<b>97/2002</b>	Aus143-144-158 .....	Shoaling
<b>119/2002</b>	Aus143-155 .....	Light buoy relocated
<b>120/2002</b>	Aus143-154-155 .....	Dredging
<b>121/2002</b>	Aus154 .....	Harbour works
<b>150/2002</b>	Aus143-144-158 .....	Shoaling; light buoy
<b>151/2002</b>	Aus143-157 .....	Prohibited area; beacons
<b>181/2002</b>	Aus154 .....	Depth information
<b>208/2002</b>	Aus143-158 .....	Lights
<b>590/2001</b>	Aus140 .....	<i>Portland</i> Depth information
<b>139/1997</b>	Aus151-152 .....	<i>Western Port</i> Depth information
<b>91/2001</b>	Aus150-151 .....	Shoaling
<b>560/2001</b>	Aus150 .....	Light beacon destroyed; light buoy
<b>616/2000</b>	Aus109 .....	<b>WESTERN AUSTRALIA</b> <i>Albany</i> Harbour works
<b>63/2001</b>	.....	<i>Cockburn Sound</i> Harbour works
		<i>Esperance</i>

539/2001	Aus119.....	Harbour works
		<i>Fremantle</i>
482/2000	Aus113.....	Light buoys; light moved
512/2000	Aus113.....	Depth information
		<i>Geraldton</i>
510/2001	Aus81 .....	Scientific instrument
538/2001	Aus81 .....	Pile driving operations
617/2001	Aus81 .....	Light buoys
148/2002	Aus81 .....	Light buoy
		<i>Jervoise Bay</i>
387/2001	Aus114-117.....	Dredging
		<i>Jurien Bay to Albany</i>
484/2001	Aus109-110-112-753-754-756	Scientific instruments
		<i>Murion Island</i>
203/2002	Aus328-329-744.....	Scientific instruments
		<i>Ningaloo Reef</i>
205/2002	Aus329-745.....	Scientific instruments
		<i>North West Cape</i>
228/2002	Aus327-328-329-744.....	Scientific instruments
		<i>Point Murat</i>
204/2002	Aus328-329-744-745.....	Scientific instruments
		<i>Port Walcott</i>
126/2001	Aus55-56.....	Dredging; light buoy
117/2002	Aus55 .....	Buoys
		<i>Rankin Bank</i>
656/2001	Aus327 .....	Oilfield development northeastward
		<i>Rottnest Island</i>
149/2002	Aus334-754.....	Scientific instruments westward
		<i>Sahul Banks</i>
92/2002	Aus314.....	Scientific instruments
		<b>PAPUA NEW GUINEA</b>
		<i>Admiralty Islands</i>
227/2002	Aus462-4622 .....	Scientific instrument northward
		<i>Bougainville Island</i>
570/1999	Aus399-461-683-684-4622	Buoyage
		<i>Cape Girgir to Muschu Island</i>
197/2000	Aus388-389-651 .....	Lights unlit
		<i>Cape Nelson</i>
654/2001	Aus384-385-519-520.....	Lights unlit
		<i>Cape Nelson to Cape Ward Hunt</i>
255/2001	Aus385-520-572-4620-4621-4622	Buoyage
		<i>Daru to Bristow Island</i>
198/2000	Aus376-378-840.....	Lights unlit
		<i>Kwato Eina Kaba Kwasi Shoal</i>
588/2001	Aus625.....	Beacon destroyed
		<i>Lae</i>
566/1999	Aus523.....	Depth
194/2000	Aus385-523-4622 .....	Light unlit
		<i>Manus Island</i>

<b>572/1999</b>	Aus462-576-662-4622 .....	Lights destroyed
		<i>New Britain</i>
<b>670/1997</b>	Aus680 .....	Siltation
<b>568/1999</b>	Aus547 .....	Light beacon destroyed
<b>195/2000</b>	Aus547 .....	Light beacons unlit
<b>115/2002</b>	Aus674 .....	Light beacons unlit
		<i>New Ireland</i>
<b>571/1999</b>	Aus666-667 .....	Light beacons destroyed
		<i>Parsee Point</i>
<b>338/2001</b>	Aus385-523-4620-4622.....	Light unlit
		<i>Raven Channel</i>
<b>337/2001</b>	Aus628 .....	Light beacon unlit
		<i>Redscar Bay to Port Moresby</i>
<b>193/2000</b>	Aus379-380-505-620 .....	Lights unlit and racon non operational
		<i>Rothery Passage</i>
<b>564/1999</b>	Aus380-506 .....	Light beacon destroyed

III

**NAVIGATION WARNINGS**

The following radio messages have been received during the period to 22 March 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**

- 076 Cancelled.
- 077 Cancelled.
- 078 Cancelled.
- 079 Cancelled.
- 080 NW Coast. Drill rig *Ocean Bounty* in position 12° 41'.8 S 124° 24'.1 E. 2.5M clearance requested.
- 081 NW Coast. Underwater operations underway for the installation of pipelines and platforms. Restricted zone exists bounded by co-ordinates 11° 01'.0 S to 11° 05'.0 S and 126° 35'.0 E to 126° 42'.0 E.
- 082 Cancelled.
- 083 Cancelled.
- 084 Cancelled.
- 085 SE Coast. Pipelaying vessel *lorelay* laying a gas pipeline in between 39° 27'.0 S 147° 02'.0 E to 38° 30'.0 S 147° 18'.0 E and then to 38° 22'.0 S 147° 12'.0 E.
- 086 Cancelled.
- 087 E Coast. Point Perpendicular light K2588 (35° 05'.7 S 150° 48'.2 E) altered to *Fl. 10s*.
- 088 Cancelled.
- 089 SE Coast. Seismic survey vessel *Geco Beta* towing 8, 3M long cables in area 38° 25'.0 S to 38° 58'.0 S and 146° 43'.0 E to 147° 31'.0 E.
- 090 Cancelled.

**NAVAREA X WARNINGS**

Nil issued

**Navigational warnings in force as at 211500UTC MAR 02.**

**Auscoast**

032 048 053 068 070 074 080 081 085 087 089.

**Navarea X**

001

**Summary of mobile drilling rigs as at 211500UTC MAR 02.**

<i>Name</i>	<i>Position</i>
Ocean General	12° 29'.7 S 130° 49'.8 E
Sedco 703	10° 37'.6 S 126° 01'.7 E
Ocean Bounty	12° 41'.8 S 124° 24'.1 E
Sedco 702	19° 14'.9 S 116° 39'.2 E
Enesco 56	20° 44'.5 S 115° 34'.2 E

**NAVAREA XIV WARNINGS**

- 033 Cancelled.
- 034 Cancelled.
- 035 Cancelled.
- 036 South Pacific. Derelict 40 foot SV *Supremacy* reported in position 30° 36'.0 S 164° 45'.0 W at 152015Z MAR.
- 037 Cancelled.
- 038 Cancelled.
- 039 Cancelled.
- 040 Cancelled.
- 041 Cancelled.
- 042 Cancelled.
- 043 Cancelled.
- 044 Cancelled.
- 045 Cancelled.
- 046 Society Islands. 25 foot FV *Poti Marara*, green hull and yellow stripe, one POB, unreported leaving Tahiti.
- 047 New Zealand. North Island. Seismic survey vessel *Nordic Explorer* towing 1.5M long cable in area 39° 51'.0 S to 39° 22'.0 S and 173° 13'.0 E to 173° 33'.0 E.

**Navarea XIV warnings in force as at 210001UTC MAR 02.**

005 025 036 046 047.

## IV

## HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
PNG- Ahana Island St Georges Channel	Position Wreck	HMAS <i>Mermaid</i> MV <i>Aotearoa Chief</i>	R Lewis
PERSIAN GULF Khawr Alamaya	Buoy	HMAS <i>Newcastle</i>	
QLD Osterlund Reef	Shoal	PV <i>New Investigator</i>	