



Australian Notices to Mariners are the authority for correcting Australian Charts

# AUSTRALIAN NOTICES TO MARINERS

© Commonwealth of Australia 1999 - Copyright restrictions apply to Notices to Mariners

Notices 405-426

Published fortnightly by the Australian Hydrographic Office

R. J. WILLIS,  
Hydrographer, RAN



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

**New Zealand Notices to Mariners**

*The substance of these notices should be inserted on the charts affected.*

**Notices to Mariners information relating to British Admiralty Publications unavailable on this web site at this stage but still available in printed form:-**

- Section II. Corrections to Admiralty List of Lights, Vol K.**  
**Section V. Corrections to Admiralty List of Radio Signals.**  
**Section VI. Corrections to Sailing Directions.**

*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 OFFICE, 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, 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).**

Copies of these notices can be obtained from the AUSTRALIAN HYDROGRAPHIC OFFICE, 8 Station Street, Wollongong, the Agents for the sale of Australian and Admiralty charts in Australia, and from the Australian Maritime Safety Authority (AMSA) Offices, in the major ports of Australia

The Commonwealth of Australia is the owner of, or is otherwise responsible for, the copyright in this work. It is protected under the Copyright Act 1968 and international convention. Except as expressly authorised below, the work may not be copied, reproduced, adapted, changed or commercially exploited, in whole or in part, or the format in which it is stored altered, without the prior written permission of the Australian Hydrographic Office. The Notices may be copied for the purpose of inserting their substance on official charts and other publications. However, any copies of the notices may not be sold for profit.

© Commonwealth of Australia 1999

## NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 14

9 July 1999

Notices	Aus Chart
405.....	Aus 137, Aus 618, Admiralty publication
406.....	Aus 213, Aus 4602, INT 602
407.....	Aus 204
408.....	Aus 814
409.....	Aus 235, Aus 365
410.....	Aus 819
411.....	Aus 260
412.....	Aus 367, Aus 426, 4602 (INT 602), Aus 4621 (INT 621)
413.....	Aus 252
414.....	Aus 376, Aus 840
415.....	Aus 58, Aus 59
416.....	Aus 328, Aus 415, Aus 416, Aus 742, Aus 4603, Aus 4708, INT 603, INT 708
417.....	Aus 799
418(T).....	Aus 814
419(T).....	Aus 236
420(P).....	Aus 244, Aus 245
421(T).....	Aus 372, Aus 373, Aus 830
422(P).....	Aus 374, Aus 832, Aus 833
423(T).....	Aus 330, Aus 331, Aus 332, Aus 333, Aus 334, Aus 335, Aus 347, Aus 348, Aus 749, Aus 751, Aus 752, Aus 753, Aus 754, Aus 755, Aus 756
424(T).....	Aus 333, Aus 754
425(T).....	Aus 806
426(T).....	List of Temporary and Preliminary Notices in Force

**405 AUSTRALIA - Publications.**  
 HS RAN (99/4298 & 4332). (AH99/226,229)

**New chart**

Chart	Published	Title and description of amendments	Scale	Folio	Index Chart	Price
Aus 618	14/5/99	Australia – East Coast - Coral Sea - Plans in the Coral Sea (Sheet 8)		8	Aus 5020B	\$25.00
		Middleton Reef 29° 22' 26" S - 29° 32' 30" S 158° 57' 51" E - 159° 13' 00" E	1:37 500			
		Elizabeth Reef 29° 51' 26" S - 30° 01' 30" S 158° 56' 17" E - 159° 11' 30" E	1:37 500			
		<i>Improved coverage of Middleton Reef and Elizabeth Reef, including latest RAN surveys. The chart is referred to WGS 84 and LAT.</i>				

**New edition to be published shortly**

Chart	Title	Scale
Aus 137	Australian - South Coast - South Australia - Port Adelaide	1:12 500

**New edition of Admiralty publication**

NP No	Title	Date	RRP (UK)	Remarks
NP 283(2)	Admiralty List of Radio Signals, Radio Weather Services and Navigational Warnings. Part 2 - Philippine Islands, Indonesia, Australasia, the Americas, Greenland and Iceland.	10/6/99	£25:00	The 1998/99 Edition is thereby cancelled.

**406\* AUSTRALIA - Miscellaneous chart correction.**  
 HS RAN (99/4298). (AH 99/229)

**Aus 213 [655/96]**

Delete plan Middleton Reef in NE corner  
 plan Elizabeth Reef in SE corner

**Aus 4602 (INT 602) [352/99]**

Insert legend, (see Aus 618), in magenta, centred on  
 29° 35' S 159° 30' E  
 30° 05' S 159° 30' E

**407\* AUSTRALIA - NEW SOUTH WALES - Hawkesbury River - Spectacle Island - Light beacon.**

List of Lights Vol K/99 -- 2707.89  
 Waterways (99/3809). (AH 99/19)

**Aus 204 [209/99]**

Substitute west cardinal light beacon, Q(9) 15s, with topmark, for  
 east cardinal light beacon  
 33° 32'.28 S 151° 11'.96 E

**408\* AUSTRALIA - QUEENSLAND - Southport - Runaway Bay - Buoyage.**

Queensland Transport Notice 261/99 (99/4098). (AH 99/16)

**Aus 814 (plan, Southport Bar Entrance) [312/99]**

Substitute	south cardinal light beacon, Q(6) & LFI. 15s, with topmark, for special beacon	27° 54'.91 S	153° 24'.61 E
	special cylindrical light buoy, Fl. Y. 3s, with topmark, for starboard lateral beacon	27° 54'.94 S	153° 24'.53 E
	starboard lateral light beacon, Fl. G. 2.5s, with topmark for starboard lateral beacon	27° 54'.71 S	153° 24'.58 E
Delete	special light beacon	27° 54'.55 S	153° 24'.59 E

**409 AUSTRALIA - QUEENSLAND - Gneering Shoal - Light buoy moved.**

Former Notice - 355(P)/99 is cancelled

Auscoast warning 185/99 (99/4287). (AH 99/14)

**Aus 235 [343/99]**

Move	light buoy	26° 38'.9 S	153° 11'.2 E
	to	26° 39'.24 S	153° 12'.66 E

**Aus 365 [559/98]**

Move	light buoy	26° 38'.9 S	153° 11'.2 E
	to	26° 39'.24 S	153° 12'.66 E

**410\* AUSTRALIA - QUEENSLAND - Curtis Island - The Narrows - Light beacons.**

Queensland Transport Notice 255/99 (99/4038). (AH 99/16)

**Aus 819 [371/99]**

Insert	starboard lateral light beacon, <i>Fl. G.</i> 3s, with topmark	23° 40'.23 S	151° 07'.30 E
		23° 39'.48 S	151° 05'.65 E
		23° 38'.35 S	151° 04'.52 E
		23° 38'.10 S	151° 03'.43 E
port lateral light beacon, <i>Fl. R.</i> 3s, with topmark	23° 40'.61 S	151° 07'.62 E	
	23° 39'.97 S	151° 06'.82 E	
	23° 38'.76 S	151° 04'.95 E	
special light beacon, <i>Fl. Y.</i> 3s, with topmark	23° 34'.00 S	151° 00'.94 E	

**411\* AUSTRALIA - QUEENSLAND - Thirsty Sound - Light buoy.**

Queensland Transport Notice 258/99 (99/4074). (AH 99/14)

**Aus 260 [295/99]**

Insert	port lateral cylindrical light buoy, <i>Fl. R.</i> 4s, with topmark	22° 08'.01 S	150° 01'.46 E
--------	---	--------------	---------------

**412\* AUSTRALIA - QUEENSLAND - Swain Reefs - Hixson Cay - Light and racon established.**

Former Notices - 257(P)/99 & 258(P)/99 are cancelled

AMSA ATH 1999/N/019&020 (AH99/16)

**Aus 367 [372/99]**

Insert	light <i>Fl. 10s10m10M</i> and <i>Racon (T)</i>	22° 20'.04 S	152° 43'.78 E
--------	---	--------------	---------------

**Aus 426 [372/99]**

Insert	light <i>Fl. 10M</i> and <i>Racon (T)</i>	22° 20'.04 S	152° 43'.78 E
--------	---	--------------	---------------

**Aus 4602 (INT 602) [406/99]**

Insert	light and <i>Racon (T)</i>	22° 20'.0 S	152° 43'.8 E
--------	----------------------------	-------------	--------------

**Aus 4621 (INT 621) [623/98]**

Insert	light <i>Fl. 10M</i> and <i>Racon (T)</i>	22° 20'.04 S	152° 43'.78 E
--------	---	--------------	---------------

**413\* AUSTRALIA - QUEENSLAND - Whitsunday Island - Whitehaven Bay - Light beacon.**

Queensland Transport Notice 257/99 (99/4074). (AH 99/16)

**Aus 252 [373/99]**

Insert	north cardinal light beacon, Q, with topmark	20° 17'.63 S	149° 03'.37 E
--------	--	--------------	---------------

**414\* AUSTRALIA - TORRES STRAIT - Reid Cay - Shoal disproved.**  
HMAS *Mermaid* & *Paluma* MMI 3-1-20761 (99/4297). (AH 99/175)

**Aus 376** [344/99]

Delete shoal area, with legend Reid Cay, centred on 9° 38'.3 S 142° 51'.4 E

**Aus 840** [563/98]

Delete shoal area, with legend Reid Cay, centred on 9° 38'.3 S 142° 51'.4 E

**415\* WESTERN AUSTRALIA - Dampier - Withnell Bay - Buoyage.**

List of Lights Vol K/99 -- 1691.88

AMSA (99/4073). (AH 99/32)

**Aus 58** [763/98]

Amend No16 light beacon to *Fl. G. 3s* 20° 35'.32 S 116° 45'.92 E

**Aus 59 (plan, Withnell Bay to King Bay)** [298/99]

Amend No16 light beacon to *Fl. G. 3s* 20° 35'.32 S 116° 45'.92 E  
T1 light buoy to *Fl. Y. 5s* 20° 34'.84 S 116° 45'.79 E

**416\* WESTERN AUSTRALIA - Montebello Islands - Production platform.**

Apache Energy (99/4170). (AH 99/197)

**Aus 328** [346/99]

Substitute production platform, *Mo(U) 15s*, with legend *Wonnich*, enclosed by restricted area, for well (a) 20° 30'.0 S 115° 26'.0 E

Insert magenta pecked line of radius 2.5M, with legend *Cautionary Area (see Note)*, centred on (a)

Delete depth 29<sub>2</sub> m 20° 30'.3 S 115° 26'.0 E

**Aus 415** [346/99]

Substitute production platform, with legend *Wonnich*, enclosed by restricted area, for well 20° 30'.0 S 115° 26'.0 E

**Aus 416** [346/99]

Substitute production platform, with legend *Wonnich*, enclosed by restricted area, for well 20° 30'.0 S 115° 26'.0 E

**Aus 742** [299/99]

Insert production platform, *Mo(U) 15s*, with legend *Wonnich*, enclosed by restricted area of radius 0.27M (a) 20° 29'.99 S 115° 25'.74 E

Insert magenta pecked line of radius 2.5M, with legend *Cautionary Area (see Note)*, centred on (a)

Delete wellhead 20° 30'.1 S 115° 25'.7 E

**Aus 4603 (INT 603)** [344/99]

Insert production platform 20° 30'.0 S 115° 26'.0 E

**Aus 4708 (INT 708)** [84/99]

Insert production platform 20° 30'.0 S 115° 26'.0 E

**417\* AUSTRALIA - TASMANIA - Table Cape - Tower.**

MV *City of Burnie* (99/764). (AH 99/38)

**Aus 799** [250/99]

Insert radio mast, with legend (*R Lt*) 40° 59'.62 S 145° 36'.72 E

**418(T)/99 AUSTRALIA - QUEENSLAND - Southport - The Broadwater - Light beacons altered.**

*Date* - Until further notice

Queensland Transport Notice 271/99 (99/4281). (AH 99/16)

Light beacons in the South Channel of the Broadwater have been temporarily altered as follows:

<i>Light Beacon</i>	<i>Position</i>	<i>Remarks</i>	<i>Characteristic</i>
SC7	27° 57'.39 S 153° 25'.18 E	starboard lateral buoy	Fl. G. 2.5s
SC8	27° 57'.39 S 153° 25'.23 E	port lateral buoy	Fl. R. 2.5s
SC9	27° 57'.55 S 153° 25'.20 E	starboard lateral buoy	Fl. G. 2.5s
SC10	27° 57'.55 S 153° 25'.23 E	port lateral buoy	Fl. R. 2.5s
SC11	27° 57'.94 S 153° 25'.27 E	starboard lateral buoy	Fl. G. 2.5s
SC12	27° 57'.94 S 153° 25'.30 E	port lateral buoy	Fl. R. 2.5s
SC13	27° 58'.29 S 153° 25'.32 E		Fl. G. 2.5s
SC14	27° 58'.29 S 153° 25'.36 E		Fl. R. 2.5s
SC15	27° 58'.40 S 153° 25'.33 E	starboard lateral buoy	Fl. G. 2.5s

**Chart temporarily affected - Aus 814.**

**419(T)/99 AUSTRALIA - QUEENSLAND - Moreton Bay - Waterloo Bay - Dredging operations.**

*Date* - Until 27 January 2000

Queensland Transport Notice 274/99 (99/4282). (AH 99/207)

Dredging operations are in progress from the entrance beacons (27° 27'.6 S 153° 13'.3 E) to Aquatic Paradise canal (27° 29'.1 S 153° 13'.0 E).

A temporary pile exists in position 27° 29'.05 S 153° 13'.05 E.

Mariners are advised to navigate with caution in the area.

**Chart temporarily affected - Aus 236.**

**420(P)/99 AUSTRALIA - QUEENSLAND - Gladstone - Targinne Channel - Buoy moved.**

*Former Notice* - 92(T)/99 is cancelled

Queensland Transport Notice 268/99 (99/4281). (AH 99/14)

T10 special light buoy, *Fl. Y. 2.5s*, has been replaced in position 23° 47'.159 S 151° 10'.325 E.

The new position will be incorporated in new editions of charts Aus 244 and Aus 245 presently in production.

**Chart which will be affected - Aus 244 - Aus 245.**

**421(T)/99 AUSTRALIA - QUEENSLAND - Fitzroy Island - Obstructions.**

*Date* - Until 13 August 1999

HMAS *Huon* (99/4498). (AH 99/183)

Six obstruction exist within a one mile radius of position 16° 56'.15 S 146° 03'.07 E. HMAS *Huon* will be conducting sonar trials in the vicinity.

Mariners conducting bottom operations in the area should exercise caution.

**Chart temporarily affected - Aus 372 - Aus 373 - Aus 830.**

**422(P)/99 AUSTRALIA - QUEENSLAND - Howick Group - Watson Island - Shoal disproved.**

*Former Notice* - 397(P)/99 is cancelled

HMAS *Benalla* (99/4597). (AH 99/175)

Cancel this notice on receipt.

**Chart formerly affected - Aus 374 - Aus 832 - Aus 833.**

**423(T)/99 AUSTRALIA - Western Australia, South Australia and Victoria - Lobster fishery season closed.**

*Former Notice* - 675(T)/98 is cancelled

HS RAN (99/4432) (AH 99/357)

Cancel this notice on receipt.

**Chart formerly affected - Aus 330 - Aus 331 - Aus 332 - Aus 333 - Aus 334 - Aus 335 - Aus 347 - Aus 348 - Aus 749 - Aus 751 - Aus 752 - Aus 753 - Aus 754 - Aus 755 - Aus 756**

**424(T)/99 WESTERN AUSTRALIA - Rottnest Island - Fish aggregating devices recovered.**

*Former Notice* - 65(T)/99 is cancelled

HS RAN (99/4598). (AH 99/130)

Cancel this notice on receipt.

**Chart formerly affected - Aus 333 - Aus754**

**425(T)/99 AUSTRALIA - VICTORIA - Gabo Island - Wreck.**

*Date* - Until further notice

Victorian Notice 36/99 (99/4472). (AH 99/231)

A stranded wreck exists in position 37° 33'.5 S 149° 54'.4 E. The wreck is marked by a light, Q. Y.

**Chart temporarily affected - Aus 806.**

**426(T)/99 AUSTRALIA - Temporary and Preliminary Notices.**

Former Notice - 234(T)/99 is cancelled

HS RAN (AH 99/253)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
<b>NEW SOUTH WALES</b>		
<b>55/99</b>	Aus198-199 .....	<i>Botany Bay</i> Scientific instruments
<b>460/95</b> <b>83/97</b>	Aus204 .....	<i>Brisbane Water</i> Aids to navigation
	Aus204 .....	Shoaling
<b>389/99</b>	Aus209-362-809-810 .....	<i>Cabbage Tree Island</i> Fish farm
<b>388/99</b>	Aus197-204-361-809 .....	<i>Cape Three Points</i> Waverider buoy
<b>89/99</b>	Aus197-806-807-808-810-812-813	<i>Green Cape to Point Danger</i> Waverider and research buoys
<b>658/97</b> <b>382/98</b>	Aus193 .....	<i>Jervis Bay</i> Light beacons; buoy
	Aus193 .....	Light buoy
<b>247/98</b> <b>353/99</b>	Aus200-202 .....	<i>Port Jackson</i> Foul area
	Aus200-202 .....	Dredging
<b>732/98</b> <b>111/99</b>	Aus195 .....	<i>Port Kembla</i> Harbour works
	Aus195 .....	Light buoys
<b>659/97</b>	Aus220 .....	<i>Port Macquarie</i> Buoy withdrawn
<b>390/99</b>	Aus363-811 .....	<i>Smokey Cape</i> Light beacon
<b>144/96</b>	Aus814 .....	<i>Tweed River</i> Waverider buoy
<b>571/98</b>	Aus191 .....	<i>Twofold Bay</i> Waverider buoy
<b>NORTHERN TERRITORY</b>		
<b>185/96</b> <b>202/99</b> <b>283/99</b> <b>360/99</b>	Aus28 .....	<i>Darwin</i> Depth information
	Aus26-722 .....	Buoy off station
	Aus26 .....	Obstruction; light buoys
	Aus26-28 .....	Dredging
<b>228/99</b>	Aus15 .....	<i>Gove</i> Light beacon unlit
<b>QUEENSLAND</b>		
<b>46/95</b>	Aus255 .....	<i>Abbot Point</i> Depth information
<b>256/99</b>	Aus365-366-426-817-818	<i>Breaksea Spit</i> Light buoy; racon

**Notice 426/99** *continued*

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
		<i>Brisbane</i>
<b>113/99</b>	Aus220-235-236-237-238-241-364-365-424-426-813-814-817	Differential global positioning system
		<i>Brisbane River</i>
<b>506/97</b>	Aus237 .....	Dredging operations
<b>612/97</b>	Aus237 .....	Wharf repairs
<b>187/98</b>	Aus237 .....	Temporary buoy; dredge spoil pumping operations
<b>190/99</b>	Aus238 .....	Harbour works
<b>323/99</b>	Aus237 .....	Mooring buoy; pipeline
<b>392/99</b>	Aus238 .....	Harbour works
		<i>Bundaberg</i>
<b>482/98</b>	Aus243 .....	Depth information
<b>164/99</b>	Aus243 .....	Shoaling
<b>192/99</b>	Aus243 .....	Harbour works
<b>324/99</b>	Aus243 .....	Cable ferry operations
		<i>Cairns</i>
<b>249/97</b>	Aus262-830 .....	Depth information
<b>396/99</b>	Aus262 .....	Leading lights to be moved
		<i>Cape Bowling Green</i>
<b>279/99</b>	Aus371-827 .....	Light buoy to be established
		<i>Cape Pallarenda</i>
<b>294/98</b>	Aus256-827 .....	Light beacon re-established; temporary light
		<i>Chapman Reef</i>
<b>398/99</b>	Aus375-834 .....	Light to be altered
		<i>Cleveland Bay</i>
<b>579/98</b>	Aus256-257 .....	Scientific instruments
		<i>Clump Point</i>
<b>118/99</b>	Aus829 .....	Waverider buoy
		<i>Cooktown</i>
<b>61/99</b>	Aus831 .....	Light beacon destroyed
		<i>Fishermans Landing</i>
<b>196/99</b>	Aus244-245 .....	Harbour works
		<i>Fitzroy Island</i>
<b>356/98</b>	Aus372-373-830 .....	Obstructions
<b>421/99</b>	Aus372-373-830 .....	Obstructions
		<i>Gladstone</i>
<b>576/98</b>	Aus246 .....	Light beacon destroyed; light buoy established
<b>278/99</b>	Aus246-366-819 .....	Light beacon destroyed; light buoy
<b>394/99</b>	Aus244-245-246 .....	Depth information
<b>420/99</b>	Aus244-245 .....	Buoy moved
		<i>Great Sandy Strait</i>
<b>221/99</b>	Aus241 .....	Light buoy
		<i>Hay Point</i>
<b>664/97</b>	Aus249 .....	Depth information
<b>670/98</b>	Aus249-823 .....	Obstruction
		<i>Hayman Island</i>
<b>701/97</b>	Aus252-254-825 .....	Light beacon destroyed; light buoy
		<i>Hinchinbrook Channel</i>
<b>605/98</b>	Aus258-259 .....	Light buoys

**Notice 426/99** continued

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
		<i>Karumba</i>
<b>316/97</b>	Aus303.....	Beacon destroyed
<b>95/99</b>	Aus303.....	Light beacons; light buoys
		<i>Low Isles</i>
<b>120/99</b>	Aus830-831 .....	Waverider buoy
		<i>Mackay</i>
<b>603/98</b>	Aus249-250-823 .....	Small craft harbour
<b>706/98</b>	Aus250.....	Depth information
<b>60/99</b>	Aus250.....	Harbour works
		<i>Mooloolah River</i>
<b>575/98</b>	Aus235.....	Obstruction
<b>140/99</b>	Aus235.....	Light beacon damaged
		<i>Moreton Bay</i>
<b>704/98</b>	Aus236.....	Jetty
<b>163/99</b>	Aus236.....	Harbour works
<b>255/99</b>	Aus236.....	Light beacon destroyed; light buoy
<b>354/99</b>	Aus236.....	Light beacon; light buoy
<b>391/99</b>	Aus236.....	Wreck; light buoy
<b>419/99</b>	Aus236.....	Dredging operations
		<i>Moreton Bay and Brisbane River</i>
<b>660/97</b>	Aus235-236-237-238-814	Depth information and keel clearances in channels
		<i>Mourilyan</i>
<b>226/99</b>	Aus829.....	Depth information
		<i>Norman River</i>
<b>609/98</b>	Aus 6.....	Wharf
		<i>Point Danger to Karumba</i>
<b>641/97</b>	Aus4-236-247-249-255-256-364-814-819-828-830-832	Waverecorder and research buoys
		<i>Port Alma</i>
<b>578/98</b>	Aus247 .....	Depth information
		<i>Port Douglas</i>
<b>200/99</b>	Aus830.....	Light beacon destroyed
<b>359/99</b>	Aus830.....	Light beacon destroyed
		<i>Queens Bay</i>
<b>771/98</b>	Aus250-826 .....	Wreck
		<i>Southport</i>
<b>56/99</b>	Aus814.....	Shoaling
<b>186/99</b>	Aus814.....	Light beacon maintenance
<b>187/99</b>	Aus814.....	Dredging
<b>418/99</b>	Aus814.....	Light beacons altered
		<i>Thursday Island</i>
<b>80/94</b>	Aus293-299.....	Depth information
		<i>Townsville</i>
<b>270/98</b>	Aus256-257 .....	Shoaling
<b>327/99</b>	Aus256-257 .....	Depth information
<b>328/99</b>	Aus256-257 .....	Dredging operations
		<i>Upolu Reef</i>
<b>470/97</b>	Aus830.....	Sonar targets westward
		<i>Weipa</i>
<b>296/98</b>	Aus4.....	Depth information

**Notice 426/99** continued

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
165/99	Aus252-370-824 .....	<i>Whitsunday Group</i> Beacon destroyed
191/99	Aus365-817 .....	<i>Wide Bay Bar</i> Wreck
<b>SOUTH AUSTRALIA</b>		
331/99	Aus125 .....	<i>Glenslg</i> Leading light
515/98	Aus345-780-781 .....	<i>Gulf of St Vincent</i> Obstructions
593/97	Aus120 .....	<i>Nuyts Archipelago</i> Buoy off station
200/97	Aus781 .....	<i>Port Gawler</i> Aquaculture site marked by light buoy
326/95	Aus134 .....	<i>Port Lincoln</i> Mussel culture; light buoys
448/95	Aus134 .....	Mussel culture; light buoys
471/96	Aus134-776 .....	Fish farms
230/99	Aus345-780 .....	<i>Port Noarlunga</i> Scientific instrument
451/95	Aus125 .....	<i>Port Stanvac</i> Mussel culture; light buoys
<b>TASMANIA</b>		
474/96	Aus177 .....	<i>Macquarie Harbour</i> Beacon destroyed
339/97	Aus167 .....	<i>Port Dalrymple</i> Shoal depth
361/99	Aus173-354-422-795-4060-4601	<i>Whale Head</i> Light to be established
<b>TORRES STRAIT</b>		
624/96	Aus292-294 .....	<i>Boat Channel</i> Light beacon destroyed; replaced by light buoy
399/99	Aus376-377-378-840-4620	<i>Bramble Cay</i> Light to be altered
<b>VICTORIA</b>		
331/98	Aus788 .....	<i>Apollo Bay</i> Shoaling
204/99	Aus357A-358-422-423-445A	<i>Bass Strait</i> Drill rig
334/99	Aus357A-358-422-423-445A	Racon established
151/94	Aus349-350-357-357A-422-445A-445B-789	<i>Cape Schanck</i> Differential Global Positioning System
342/97	Aus181 .....	<i>Corner Inlet</i> Shoaling
98/99	Aus181-182-357-357A .....	<i>Drum Island</i> Light destroyed

Notice 426/99 continued

Notice	Charts affected	Locality and Subject
424/99	Aus806.....	<i>Gabo Island</i> Wreck
455/98	Aus157.....	<i>Geelong</i> Depth information
231/99	Aus157.....	Dredging; light buoy
333/98	Aus182.....	<i>Gippsland Lakes</i> Shoaling
651/98	Aus182-357-357A-358.....	<i>Lakes Entrance</i> Waverider buoy relocated
205/99	Aus182.....	Dredging
776/98	Aus154.....	<i>Melbourne</i> Depth information
289/97	Aus181.....	<i>Port Albert</i> Light buoy unlit
59/98	Aus154.....	<i>Port Phillip</i> Bridge construction; vertical clearance
420/98	Aus157-158.....	Beacon destroyed
554/98	Aus143-158.....	Light buoy; shoaling
650/98	Aus143-158.....	Light beacon destroyed; light buoy
774/98	Aus143-157.....	Buoy off station
97/99	Aus157.....	Dredged depth
143/99	Aus143-158.....	Shoaling
307/99	Aus154.....	Light beacons moved
363/99	Aus154.....	Light beacon to be established
403/99	Aus143-155.....	Light buoy
404/99	Aus154.....	Dredging operations
69/97	Aus150-151.....	<i>Western Port</i> Lights
139/97	Aus151-152.....	Depth information
<b>WESTERN AUSTRALIA</b>		
298/98	Aus109.....	<i>Albany</i> Wreck
229/99	Aus115-755.....	<i>Bunbury</i> Scientific instruments
418/98	Aus747.....	<i>Carnarvon</i> Dredging
142/99	Aus747.....	Light buoys
338/97	Aus114-117.....	<i>Cockburn Sound</i> Shoal depth marked by light buoy
284/99	Aus111-117.....	<i>Collie Ledge</i> Light beacon to be established
167/99	Aus112-334-754.....	<i>Cottesloe</i> Artificial reef
330/99	Aus59.....	<i>Dampier</i> Buoy
124/99	Aus327-415-741.....	<i>Dampier Archipelago</i> Gas field
262/99	Aus744.....	<i>Exmouth</i> Navigation warning

**Notice 426/99** *continued*

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
<b>419/98</b>	Aus751 .....	<i>Geraldton</i> Waverecorder
<b>323/97</b>	Aus112-753-754 .....	<i>Jurien Bay to Rottnest Island</i> Fishery research and waverecorder buoys
<b>49/95</b>	Aus325-326-327-328-415-416-739-740-741-742-743	<i>Karratha</i> Differential global positioning system
<b>302/99</b>	Aus323-733 .....	<i>King Sound</i> Depths
<b>672/98</b>	Aus327 .....	<i>North Rankin</i> Waverecorder
<b>203/99</b>	Aus329-744 .....	<i>North West Cape</i> Scientific instruments
<b>261/99</b>	Aus743 .....	<i>Onslow</i> Navigation warning
<b>402/99</b>	Aus328-743 .....	Harbour works
<b>324/97</b>	Aus753 .....	<i>Point Louise</i> Waverecorder westward
<b>714/98</b>	Aus743 .....	<i>Thevenard Island</i> Waverecorder
<b>711/98</b>	Aus326-327-415 .....	<i>Indian Ocean</i> Environmental data buoy
<b>712/98</b>	Aus327-415-741 .....	Environmental data buoy eastward
<b>INDIAN OCEAN</b>		
<b>743/98</b>	Aus112-334-416-417-754-4060-4070-4071-4708-4709	<i>Fremantle to Jakarta</i> Submarine cable
<b>PAPUA NEW GUINEA</b>		
<b>106/98</b>	Aus683 .....	<i>Bougainville Island</i> Buoyage
<b>674/96</b>	Aus628 .....	<i>Goschen Strait</i> Buoy off station
<b>382/97</b>	Aus381-628-629-630 .....	Light destroyed
<b>400/99</b>	Aus378-502 .....	<i>Gulf of Papua</i> Scientific instrument northwestward
<b>670/97</b>	Aus680 .....	<i>New Britain</i> Siltation
<b>639/97</b>	Aus379-380-505-621-4620-4621	<i>Port Moresby</i> Beacon and racon destroyed
<b>MISCELLANEOUS</b>		
<b>335/99</b>	Aus303 .....	<i>Publication</i> New chart

**III  
NAVIGATION WARNINGS**

The following radio messages have been received during the period to 25 June 1999. 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 WARNINGS**

- 187 NE Coast. Breaksea Spit light float K2934 and Racon ALRS 8797 (24° 21'.2 S 153° 08'.8 E) replaced by north cardinal light buoy, Q, and Racon G (X and S band).
- 188 Cancelled.
- 189 Cancelled.
- 190 NW Coast. Drill rig *Sedco 703* in position 21° 29'.5 S 114° 03'.6 E, 2.5M clearance requested.
- 191 Cancelled.
- 192 SE Coast. Actaeon Island light K3654.5 (43° 31'.7 S 146° 59'.8 E) unlit.
- 193 Cancelled.
- 194 Cancelled.
- 195 Cancelled.
- 196 Cancelled.
- 197 NE Coast. Hixson Cay (Swain Reefs) light, *Fl. 10s 10M*, established in position 22° 20'.0 S 152° 43'.8 E.
- 198 NE Coast. Hixson Cay (Swain Reefs) racon, dual band morse code *Tango*, established in position 22° 20'.0 S 152° 43'.8 E.
- 199 NE Coast. Magpie Reef light K3229 (13° 48'.0 S 143° 45'.0 E) unlit.
- 200 Cancelled.
- 201 Cancelled.
- 202 NW Coast. Drill rig *Ensco 56* in position 19° 52'.3 S 116° 27'.1 E 2.5M clearance requested.
- 203 Cancelled.
- 204 Cancelled.
- 205 Cancelled.
- 206 Cancelled.
- 207 Cancelled.
- 208 Cancelled.
- 209 Cancelled.
- 210 Cancelled.
- 211 Cancelled.
- 212 NW Coast. Drill rig *Sedco 703* in position 21° 27'.7 S 113° 59'.2 E 2.5M clearance requested.
- 213 Cancelled.
- 214 NE Coast. Little Bugatti Reef light K3053 (20° 01'.2 S 150° 15'.4 E) unlit.

**NAVAREA X WARNINGS**

- 022 Timor Sea . Drill rig *Ocean Epoch* in position 10° 57'.8 S 125° 41'.4 E 2.5M clearance requested.

**Navigational warnings in force as at 241500UTC JUN 99.**

**Auscoast**

1999 086 091 092 132 146 162 178 180 182 184 185 187 190 192 197 198 199 202 212 214.

**Navarea X**

1999 022.

**Summary of mobile drilling rigs as at 241500UTC JUN 99.**

Name	Position
Ron Tappmeyer	10° 40'.3 S 126° 06'.1 E
Ocean Epoch	10° 57'.8 S 125° 41'.4 E
Ensco 56	20° 16'.7 S 116° 18'.0 E
Sedco 703	21° 27'.7 S 113° 59'.2 E
Sedco 702	38° 32'.5 S 148° 33'.2 E

**NAVAREA XIV WARNINGS**

- 070 Cancelled.

**Navarea XIV warnings in force as at 240001UTC JUN 99.**

1999 057.

**IV**

**HYDROGRAPHIC REPORTS**

**Nil**