



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 363-396

Published fortnightly by the RAN Hydrographic Service

R. J. WILLIS,
Hydrographer, RAN



- SECTIONS.**
- I. **Australian Notices to Mariners.**
 - 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.**
- Blocks included after Section VI.**

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 HYDROGRAPHER, RAN, Locked Bag 8801 South Coast Mail Centre, NSW 2521 (Fax 02-4221 8599), e-mail 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 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

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NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 14

3 July 1998

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363	Aus 117,257,5020A,5020B,61103,61104
364	Amendment to Annual Notice No1
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391(T).....	Aus 117
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393(T).....	Aus 143,155
394(T).....	Aus 143,155
395(T).....	Aus 182
396(T).....	Temporary and Preliminary Notices

363 AUSTRALIA - Publication.
RAN Hydrographic Service (AH 17/3)

(1) New edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 117	Australia - West Coast - Western Australia - Gage Roads and Cockburn Sound	1:25 000
Aus 257	Australia - East Coast - Queensland - Townsville Harbour and Ross River Entrance	1:7 500

(2) Miscellaneous new chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 61103	Eastern Australia Exercise Area General Operations Plot	1:650 000

(3) Miscellaneous new edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 5020A	Australia - Index of Nautical Charts & Publications - Northern Portion	
Aus 5020B	Australia - Index of Nautical Charts & Publications - Southern Portion	
Aus 61104	Western Australia Exercise Area General Operations Plot	1:500 000

(4) British Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>
NP 288	Admiralty List of Radio Signals, Volume 8, Satellite Navigation Systems, 1998 (First Edition).	28/5/98

364 AUSTRALIA - Publication - Amendment to Annual Notices to Mariners No 1.
RAN Hydrographic Office (98/6737). (AH 98/127)

Page 3, para 3 amend to read:

3. Only *NZ Notices to Mariners* are printed in the editions of Australian Notices to Mariners.

para 10 amend to read:

10. The index Australian and International charts of the Australian Area is contained in two sheets as follows:

Aus 5020A - Australia - Index of Nautical Charts and Publications Northern Portion, 1998.

Aus 5020B - Australia - Index of Nautical Charts and Publications Southern Portion, 1998.

365 AUSTRALIA - Agents for the sale of Charts and Hydrographic Publications.
RAN Hydrographic Service (98/8550) (AH 41/155)

The following business has recently been appointed as a Chart Agent:

WESTERN AUSTRALIA

Albany

Clark's Newsagency

126 York Street

Albany WA 6330

Fax (08) 9842-1093

Phone (08) 9841-1179

366* AUSTRALIA - NEW SOUTH WALES - Port Stephens - Myall River - Light buoy.
RAN Hydrographic Service (98/8618) (AH 61/80)

Aus 209 [557/95]

Amend characteristic to Q. R

32° 40'.53 S

152° 09'.05 E

367* AUSTRALIA - NEW SOUTH WALES - Camden Haven - Leading lights.

List of Lights Vol K/98 - 2786.10,2786.00

P Brook (98/8853) & Waterways (98/9158). (AH 61/78)

Aus811 (plan, Camden Haven) [599/95]

Amend	light to Q. Y	31° 38'.37 S	152° 50'.07 E
	light to Iso. Y. 2s	31° 38'.40 S	152° 49'.99 E

368* AUSTRALIA - QUEENSLAND - Cumberland Channel - Depths.
 HMAS' *Benalla* & *Shepparton* (98/9157). (AH 58/126)

Aus 252 [207/98]

Substitute	depth, 8_2 fm, for 8_5 fm	20° 40'.4 S	149° 12'.5 E
	depth, 4_5 fm, for 5_4 fm	20° 39'.7 S	149° 10'.7 E
	depth, 8_5 fm, for 9_4 fm	20° 38'.6 S	149° 10'.6 E
	depth, $5fm$, for 5_3 fm	20° 37'.5 S	149° 05'.7 E
	depth, $5fm$, for 5_4 fm	20° 37'.3 S	149° 05'.2 E

Delete	depth 7_3 fm, with enclosing contour and legend Rep (1970)	20° 41'.2 S	149° 13'.1 E
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Aus 370 [279/98]

Substitute	depth, 8_2 fm, for 8_5 fm	20° 40'.4 S	149° 12'.5 E
	depth, 4_5 fm, for 5_4 fm	20° 39'.7 S	149° 10'.7 E
	depth, $5fm$, for 5_3 fm	20° 37'.5 S	149° 05'.7 E

Delete	depth 7_3 fm, with enclosing contour and legend Rep (1970)	20° 41'.2 S	149° 13'.1 E
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Aus 824 [207/98]

Substitute	depth, 8_2 fm, for 8_5 fm	20° 40'.4 S	149° 12'.5 E
	depth, 4_5 fm, for 5_4 fm	20° 39'.7 S	149° 10'.7 E
	depth, 8_5 fm, for 9_4 fm	20° 38'.6 S	149° 10'.6 E
	depth, $5fm$, for 5_3 fm	20° 37'.5 S	149° 05'.7 E

Delete	depth 7_3 fm, with enclosing contour and legend Rep (1970)	20° 41'.2 S	149° 13'.1 E
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369* AUSTRALIA - QUEENSLAND - Cid Island - Depth.
HMAS' *Benalla* & *Shepparton* HI 270 (98/9157). (AH 58/126)

Aus 253 (plan, Cid Harbour) [113/98]
Substitute depth, 7₁ fm, for 8₅ fm

20° 13'.99 S 148° 54'.58 E

370* AUSTRALIA - QUEENSLAND - Fitzroy Island - Wreck.
SMB *Duyfken* (98/8438). (AH 57/150)

Aus 372 [159/98]

Substitute depth, 14_fm, for 12fm

16° 57'.65 S 146° 03'.75 E

Aus 373 [209/98]

Substitute depth, 14_fm, for 12fm

16° 57'.65 S 146° 03'.75 E

Aus 830 [209/98]

Substitute depth, 26₆ m, for 21₉ m

16° 57'.65 S 146° 03'.75 E

371* AUSTRALIA - QUEENSLAND - Decapolis Reef - Amendment to light.

List of Lights Vol K/98 - 3215.00

AMSA (98/9009) (AH 57/78)

Aus 373 [370/98]

Amend light range to 10M

14° 51'.2 S

145° 16'.4 E

Aus 374 [710/97]

Amend light range to 10M

14° 51'.2 S

145° 16'.4 E

Aus 832 [710/97]

Amend light to Fl. 2.5s 6m 10M

14° 51'.2 S

145° 16'.4 E

372* AUSTRALIA - QUEENSLAND - Heath Reef to Chapman Island - Amendment to lights.

List of Lights Vol K/98 - 3234.00,3232.00,3236.00

AMSA (98/9009) (AH 57/78)

Aus 374 [371/98]

Amend	light range to 10/8M	13° 28'.6 S	143° 40'.8 E
	light range to 11M	13° 09'.0 S	143° 37'.0 E

Aus 375 [311/98]

Amend	light range to 10/8M	13° 28'.6 S	143° 40'.8 E
	light range to 11M	13° 09'.0 S	143° 37'.0 E
	light range to 11M	12° 53'.2 S	143° 35'.7 E

Aus 834 [310/98]

Amend	light to <i>Fl(3) WR. 15s 11m 10/8M</i>	13° 28'.6 S	143° 40'.8 E
	light to <i>Fl(4) 20s 18m 11M</i>	13° 09'.0 S	143° 37'.0 E
	light to <i>Fl. 5s 18m 11M</i>	12° 53'.2 S	143° 35'.7 E

Aus 834 (plan, Approaches to Heath Reef)

Amend	light to <i>Fl(3) WR. 15s 11m 10/8M</i>	13° 28'.6 S	143° 40'.8 E
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373* AUSTRALIA - QUEENSLAND - Middle Reef - Sector light established.

Former Notice - 295(P)/98 is cancelled

List of Lights Vol K/98 - 3240.40

Auscoast warning 149/98 (98/9027) (AH 57/78)

Aus 375 [372/98]

Amend	light to <i>Fl(3) WR. 15s 11/8M</i> , with red sector 152° - 162° (10°)	12° 31'.6 S	143° 23'.6 E
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Aus 834 [372/98]

Amend	light to <i>Fl(3) WR. 15s 8m 11/8M</i> , with red sector 152° -162° (10°)	12° 31'.6 S	143° 23'.6 E
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Aus 835 [311/98]

Amend	light to <i>Fl(3) WR. 15s 8m 11/8M</i> , with red sector 152° -162° (10°)	12° 31'.6 S	143° 23'.6 E
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Aus 836 [310/98]

Amend	light to <i>Fl(3) WR. 15s 8m 11/8M</i> , with red sector 152° -162° (10°)	12° 31'.6 S	143° 23'.6 E
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374* AUSTRALIA - QUEENSLAND - Cairncross Islets - Amendment to light.

List of Lights Vol K/98 - 3250.00

AMSA (98/9009) (AH 57/78)

Aus 835 [373/98]

Amend light elevation to 27m and delete faint and obscured sectors

11° 14'.5 S

142° 55'.1 E

Aus 839 [211/98]

Amend light elevation to 27m and delete faint and obscured sectors

11° 14'.5 S

142° 55'.1 E

375* PAPUA NEW GUINEA - Bougainville Island - Kieta Harbour - Wreck.
HMNZS *Manawanui* (98/6939) (AH 95/150)

Aus 683 (plan, Approaches to Kieta Bay and Anewa Bay) [92/98]
Insert dangerous wreck

6° 13'.25 S 155° 38'.09 E

376* WESTERN AUSTRALIA - Cambridge Gulf - Depths; light beacon.
 DOTWA Drawings 607-17-1/5 (98/9362). (AH 63/126)

Aus 32 [313/98]

Insert	depth, 0 ₅ m, and extend 2m contour E to enclose	15° 18'.903 S	128° 05'.676 E
	depth, 0 ₃ m, enclosed by contour	15° 20'.177 S	128° 05'.590 E
	depth, 3m, and extend 5m contour N to enclose	15° 21'.693 S	128° 06'.220 E
	depth, 0 ₃ m, and extend 2m contour E to enclose	15° 24'.088 S	128° 06'.347 E
Substitute	depth, 4 ₄ m, for 6m, and extend 5m contour S to enclose	15° 21'.54 S	128° 06'.16 E
Delete	depth 1 ₃ m	15° 18'.89 S	128° 05'.60 E
	depth 5 ₂ m	15° 24'.15 S	128° 06'.33 E
	drying area	15° 24'.63 S	128° 06'.27 E
Substitute	port lateral light beacon, <i>Fl. R. 5s</i> , with topmark, for port lateral beacon	15° 23'.33 S	128° 06'.90 E

Aus32 (plan, Approaches to Wyndham)

Insert	depth, 0 ₅ m, and extend 2m contour E to enclose	15° 18'.903 S	128° 05'.676 E
	depth, 0 ₃ m, enclosed by contour	15° 20'.177 S	128° 05'.590 E
	depth, 4 ₄ m, and extend 5m contour S to enclose	15° 21'.536 S	128° 06'.157 E
	depth, 3m, and extend 5m contour N to enclose	15° 21'.693 S	128° 06'.220 E
	depth, 0 ₃ m, and extend 2m contour E to enclose	15° 24'.088 S	128° 06'.347 E
Delete	depth 4 ₁ m	15° 18'.88 S	128° 05'.66 E
	depth 6m	15° 21'.54 S	128° 06'.14 E
	drying area	15° 24'.63 S	128° 06'.27 E
Substitute	port lateral light beacon, <i>Fl. R. 5s No 12</i> , with topmark, for port lateral beacon	15° 23'.33 S	128° 06'.90 E

377* WESTERN AUSTRALIA - Lesueur Island - Light range.

List of Lights Vol K/98 - 1638.00

AMSA ANS AN130-01 (98/9005). (AH 63/78)

Aus 318 [124/97]

Amend light range to 11M

13° 49'.3 S

127° 16'.0 E

Aus 413 [341/98]

Amend light range to 11M

13° 49'.3 S

127° 16'.0 E

Aus 727 [124/97]

Amend light range to 11M

13° 49'.3 S

127° 16'.0 E

378* WESTERN AUSTRALIA - Dampier - Eaglehawk Island - Wreck.

The wreck is the McDermott Derrick Barge DB20.

MV *Massive Tide* (98/8851) (AH 64/150)

Aus 57 [180/98]

Insert stranded wreck

20° 39'.17 S 116° 26'.85 E

Aus 741 [343/98]

Insert stranded wreck

20° 39'.17 S 116° 26'.85 E

Aus 742 [343/98]

Insert stranded wreck

20° 39'.09 S 116° 26'.91 E

379* SOUTH AUSTRALIA - Arno Bay - Beacon; depths.
Bathy Sheets SI 53/8/3-4 & DOTSA Notice 2/98 (98/4102). (AH 71/9, 126)

Aus 777 [305/97]

Insert accompanying block

33° 55' S

136° 35' E



380* AUSTRALIA - VICTORIA - Port Phillip - Hobsons Bay - Harbour works.
RAN Hydrographic Office NE Aus 154 (98/9154). (AH 66/50)

Aus 155 [351/98]

Insert accompanying block

37° 52' S

144° 56' E



381* AUSTRALIA - VICTORIA - Port Albert - Depths.
RAN Hydrographic Office NE Aus 182 (98/9155). (AH 59/126)

Aus 181 [66/98]

Insert accompanying block
[accompanying notes](#)

38° 45' S 146° 40' E
38° 56'.3 S 146° 49'.0 E



To accompany Australian Notice to Mariners 381/98

INADEQUATELY SURVEYED

The detail of these areas has not been derived from adequate hydrographic surveys and uncharted navigational dangers may exist

UNSURVEYED

No hydrographic survey has been conducted; unidentified shoals, reefs, and other navigational hazards may be encountered.

Notes for chart Aus 181

382(T)/98 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Plantation Point - Light buoy.

Date - Until further notice

Waterways (98/9245). (AH 61/80)

An east cardinal light buoy, Q(3) 10s, exists in position 35° 04'.38 S 150° 42'.08 E. The buoy replaces a light beacon (uncharted) which has been destroyed.

Notice 658/97 refers.

Chart temporarily affected - Aus 193.

383(T)/98 AUSTRALIA - QUEENSLAND - Bundaberg - Depth information.

Former Notice - 614(T)/97 is cancelled

DOTQ Notice 208/98 (98/9444). (AH 58/22)

Available depth as at 15 June 1998:

	<i>Metres</i>	
	<i>LAT</i>	<i>ISLW (Chart Datum)</i>
Sea Reach	8.3	8.5
Middle Reach	8.3	8.5
* Inner Reach	7.7	7.9
* Swing Basin	6.8	7.0
* Oil Berth	7.0	7.2
BST Berth	9.6	9.8

*Indicates new or revised entry.

Chart temporarily affected - Aus 243.

384(T)/98 AUSTRALIA - QUEENSLAND - Gladstone - Auckland Point - Harbour works.

Date - Until 31 December 1999

DOTQ Notice 205/98 (98/9152). (*AH 58/50*)

Harbour works are in progress at wharf No 1 (23° 50'.0 S 151° 15'.3 E).

Mariners should navigate with caution in the area.

Chart temporarily affected - Aus 244 - Aus 245.

385(T)/98 AUSTRALIA - QUEENSLAND - Repulse Bay - Wreck.

Date - Until further notice

The wreck is SV *Chardonay*.

DOTQ Notice 195/98 (98/8988). (AH 58/150)

A dangerous wreck exists in position 20° 37'.4 S 148° 52'.8 E.

Chart temporarily affected - Aus 252 - Aus 370 - Aus 824.

386(T)/98 AUSTRALIA - QUEENSLAND - Halifax Bay - Wreck.

Date - Until further notice

The wreck is FV *Doreen K.*

DOTQ Notice 207/98 (98/9444). (*AH 58/150*)

A dangerous wreck exists in position 18° 52' S 146° 24' E.

Chart temporarily affected - Aus 371 - Aus 827.

387(P)/98 AUSTRALIA - TORRES STRAIT - Larpent Bank - Light buoy.

Date - On or about 3 July 1998

AMSA ATH 1998/N/007 (98/9446). (AH 70/80)

A north cardinal pillar light buoy, Q, with topmark, will be established in position 10° 34'.80 S 142° 04'.30 E.

Chart which will be affected - Aus 296 - Aus 700.

388(T)/98 AUSTRALIA - QUEENSLAND - Weipa - Hey Point - Light buoys.

Date - Until 31 July 1998

DOTQ Notice 210/98 (98/9444) (*AH 70/80*)

Light buoys, Q, marking the spoil ground, have been established in the following positions:

12° 43'.49 S 141° 53'.61 E

12° 43'.55 S 141° 53'.48 E

12° 44'.01 S 141° 53'.33 E

12° 44'.08 S 141° 53'.68 E

The buoys are to assist the dredging operations being carried out by the dredger *Sir Thomas Hiley*. Notice to Mariners 330(T)/98 refers.

Chart temporarily affected - Aus 4.

389(T)/98 AUSTRALIA - Western Australia, South Australia and Victoria - Lobster fishery.

Former Notice - 642(T)/97 is cancelled

AMSA fax 20/10/97 (97/6669). (AH 56/37)

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

390(T)/98 WESTERN AUSTRALIA - Carnarvon - Teggs Channel - Buoys removed.
Former Notice - 376(T)/97 is cancelled
DOTWA fax 12/6/98 (98/9448). (AH 68/80)

Cancel this notice on receipt.

Chart formerly affected - Aus 747

391(T)/98 WESTERN AUSTRALIA - Garden Island - Beacon Head - Light buoys.

Date - Until further notice

FPA Notice 3/98 (98/9466). (*AH 72/80*)

The following light buoys, marking the mussel farm, are off station:

32° 09'.02 S 115° 40'.30 E

32° 09'.02 S 115° 40'.92 E

32° 09'.39 S 115° 40'.47 E

Chart temporarily affected - Aus 117.

392(T)/98 SOUTH AUSTRALIA - Gulf of St Vincent - Obstructions.

Date - Until further notice

Lads Corp fax 2/6/98 (98/9012). (*AH 71/126*)

Obstructions, 2 *metres* in height, exist in the following positions:

34° 43'.35 S 138° 14'.31 E

34° 41'.02 S 138° 18'.92 E

34° 39'.74 S 138° 21'.28 E

Mariners should navigate with caution in the area.

Chart temporarily affected - Aus 345 - Aus 780 - Aus 781.

393(T)/98 AUSTRALIA - VICTORIA - Port Phillip - Werribee River - Dredging.

Date - Until 31 July 1998

Victorian Notice 31/98 (98/8984). (*AH 65/22*)

Dredging operations are in progress at the entrance to Werribee River (37° 58'.6 S 144° 41'.4 E).

Mariners should navigate with caution in the area.

Chart temporarily affected - Aus 143 - Aus 155.

394(T)/98 AUSTRALIA - VICTORIA - Port Phillip - St Kilda - Buoy.

Date - Until further notice

Victorian Notice 31/98 (98/8984). (*AH 65/8*)

An isolated danger buoy exist in position 37° 52'.295 S 144° 57'.460 E, marking an obstruction least depth 3 *metres*.

Chart temporarily affected - Aus 143 - Aus 155.

395(T)/98 AUSTRALIA - VICTORIA - Gippsland Lakes - Dredging completed.
Former Notice - 334(T)/98 is cancelled
Victorian Notice 33/98 (98/9447). (AH 59/22)

Cancel this notice on receipt.

Chart formerly affected - Aus 182

396(T) AUSTRALIA - TEMPORARY AND PRELIMINARY NOTICES.

Former Notice - 232(T)/98 is cancelled
 RAN Hydrographic Office. (AH 17/106)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
NEW SOUTH WALES		
<i>Botany Bay</i>		
698/97	Aus198-199.....	Buoyage
125/98	Aus198-199.....	Buoy
<i>Brisbane Water</i>		
460/95	Aus204	Aids to navigation
83/97	Aus204	Shoaling
<i>Green Cape to Point Danger</i>		
352/98	Aus197-806-807-808-810-812-813	Waverider and research buoys
<i>Jervis Bay</i>		
658/97	Aus193	Light beacons; buoy
382/98	Aus193	Light buoy
<i>Newcastle</i>		
460/97	Aus208	Depth information
222/98	Aus207-809.....	Exercise area
<i>Port Jackson</i>		
247/98	Aus200-202.....	Foul area
<i>Port Macquarie</i>		
659/97	Aus220	Buoy withdrawn
<i>Tweed River</i>		
144/96	Aus814	Waverider buoy
582/97	Aus220-813-814.....	Dredging operations
NORTHERN TERRITORY		
<i>Darwin</i>		
134/95	Aus26-28	Harbour works
185/96	Aus28	Depth information
<i>Flat Top Bank</i>		
373/97	Aus309-411-413.....	Shoal positions
<i>Groote Eylandt</i>		
132/98	Aus305-410-710.....	Geographical positions
<i>SW Vernon Island</i>		
589/97	Aus20-308-722.....	Scientific instruments eastward
QUEENSLAND		
<i>Abbot Point</i>		
46/95	Aus255	Depth information
<i>Brisbane River</i>		
506/97	Aus237	Dredging operations
612/97	Aus237	Wharf repairs
187/98	Aus237	Temporary buoy; dredge spoil pumping operations
268/98	Aus238	Wreck
<i>Bundaberg</i>		
353/98	Aus243	Cable ferry operations
383/98	Aus243	Depth information

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
		<i>Cairns</i>
249/97	Aus262-830.....	Depth information
722/97	Aus262-830.....	Light beacon destroyed; light buoy
		<i>Cape Pallarenda</i>
294/98	Aus256-827.....	Light beacon re-established; temporary light
		<i>Fitzroy Island</i>
356/98	Aus372-373-830.....	Obstructions
		<i>Gladstone</i>
663/97	Aus246	Maintenance work; navigation restrictions
52/98	Aus246	Light beacon destroyed; light buoy
147/98	Aus244-245-246.....	Depth information
167/98	Aus245-246.....	Pile driving operations
384/98	Aus244-245.....	Harbour works
		<i>Great Sandy Strait</i>
102/98	Aus241-817.....	Wreck
583/97	Aus241	Submarine cable
		<i>Halifax Bay</i>
386/98	Aus371,827.....	Wreck
		<i>Hay Point</i>
664/97	Aus249	Depth information
		<i>Hayman Island</i>
701/97	Aus252-254-825.....	Light beacon destroyed; light buoy
		<i>Hervey Bay</i>
493/96	Aus241-365-817.....	Light beacon destroyed; replaced by light buoy
		<i>Hinchinbrook Channel</i>
53/98	Aus258-259.....	Buoyage
		<i>Karumba</i>
316/97	Aus303	Beacon destroyed
335/97	Aus303	Depth information
194/98	Aus303	Light beacon off station
358/98	Aus303	Dredging operations
		<i>Lucinda</i>
518/94	Aus259	Depth information
468/97	Aus259	Wreck; buoy
		<i>Mackay</i>
249/98	Aus250	Scientific instrument
327/98	Aus250	Depth information
		<i>Moreton Bay</i>
699/97	Aus236	Wreck marked by buoy
293/98	Aus236-237.....	Scientific instruments
322/98	Aus237	Light beacon destroyed; light buoy
		<i>Moreton Bay and Brisbane River</i>
660/97	Aus235-236-237-238-814	Depth information and keel clearances in channels
		<i>Mourilyan</i>
475/95	Aus829	Depth information
		<i>North Stradbroke Island</i>
47/98	Aus236-814.....	Wreck
		<i>Point Danger to Karumba</i>
641/97	Aus4-236-247-249-255-256-	Waverecorder and research buoys

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
	364-814-819-828-830-832	
72/94	Aus247	<i>Port Alma</i> Depth information
668/97	Aus830	<i>Port Douglas</i> Light beacon withdrawn
619/97	Aus824	<i>Repulse Bay</i> Channel siltation
148/98	Aus824	Dredging operations
385/98	Aus252-370-824.....	Wreck
127/98	Aus814	<i>Southport</i> Dredging operations
165/98	Aus814	Channel temporarily restricted to navigation
80/94	Aus293-299.....	<i>Thursday Island</i> Depth information
193/98	Aus256-257.....	<i>Townsville</i> Depth information
270/98	Aus256-257.....	Shoaling
470/97	Aus830	<i>Upolu Reef</i> Sonar targets westward
662/97	Aus241	<i>Urangan</i> Shoaling
296/98	Aus4	<i>Weipa</i> Depth information
330/98	Aus4	Dredging operations
357/98	Aus4	Buoys established
388/98	Aus4	Light buoys
SOUTH AUSTRALIA		
93/96	Aus780-781.....	<i>Gleneig</i> Buoys missing
392/98	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
451/95	Aus125	<i>Port Stanvac</i> Mussel culture; light buoys
TASMANIA		
231/98	Aus164	<i>Devonport</i> Dredging operations; beacons removed
359/98	Aus789	<i>King Island</i> Beacon destroyed
474/96	Aus177	<i>Macquarie Harbour</i> Beacon destroyed

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
252/98	Aus171-795.....	<i>Marion Narrows</i> Light to be altered
339/97	Aus167	<i>Port Dalrymple</i> Shoal depth
TIMOR SEA		
404/97	Aus312	<i>Sahul Banks</i> Waverecorder
TORRES STRAIT		
624/96	Aus292-294.....	<i>Boat Channel</i> Light beacon destroyed; replaced by light buoy
VICTORIA		
331/98	Aus788	<i>Apollo Bay</i> Shoaling
362/95	Aus357A-358-422-423-445A	<i>Bass Strait</i> Current meters
360/98	Aus422-445B	Scientific instrument deployed
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
333/98	Aus182	<i>Gippsland Lakes</i> Shoaling
289/97	Aus181	<i>Port Albert</i> Light buoy unlit
58/93	Aus143	<i>Port Phillip</i> Depth information
465/95	Aus157-158.....	Beacon destroyed
584/95	Aus143-157.....	Environment monitoring piles
582/96	Aus154	Light beacons moved, island constructed
168/97	Aus154	Depth information
381/97	Aus143-155-158.....	Waverider buoys and current meter
412/97	Aus143-155.....	Light removed; harbour works
535/97	Aus143-157.....	Quarantine area
563/97	Aus154-155.....	Depth information
57/98	Aus143-155.....	Light buoy
59/98	Aus154	Bridge construction; vertical clearance
198/98	Aus143-158.....	Depth information
303/98	Aus154	Depth information
362/98	Aus143-158.....	Lights to be established
393/98	Aus143-155.....	Dredging
394/98	Aus143-155.....	Buoy
<i>Western Port</i>		
278/96	Aus152	Lights
69/97	Aus150-151.....	Lights
139/97	Aus151-152.....	Depth information
WESTERN AUSTRALIA		
<i>Albany</i>		
298/98	Aus109	Wreck
<i>Cockburn Sound</i>		
338/97	Aus117	Shoal depth marked by light buoy
<i>Dampier</i>		

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
196/98	Aus57-58-59	Depth information
77/98	Aus327-742.....	<i>Dampier Archipelago</i> Scientific instrument northwestward
336/97	Aus113-117.....	<i>Fremantle</i> Light beacon destroyed; light buoys
391/98	Aus117	<i>Garden Island</i> Light buoys
592/97	Aus751	<i>Geraldton</i> Waverecorder westward
323/97	Aus112-753-754.....	<i>Jurien Bay to Rottnest Island</i> Fishery research and waverecorder buoys
49/95	Aus325-326-327-328-415-416-739-740-741-742-743	<i>Karratha</i> Differential global positioning system
704/97	Aus63-328-415-416-743	<i>Mary Anne Passage</i> Oil rig de-commissioned; temporary light established
675/97	Aus328-415.....	<i>Montebello Islands</i> Oceanographic mooring westward
406/97	Aus327	<i>North Rankin</i> Waverecorder
324/97	Aus753	<i>Point Louise</i> Waverecorder westward
230/98	Aus333-754.....	<i>Rottnest Island</i> Fish aggregating devices westward
408/97	Aus743	<i>Thevenard Island</i> Waverecorder
673/97	Aus326-327-415.....	<i>Indian Ocean</i> Environmental data buoy
674/97	Aus327-415-741.....	Environmental data buoy eastward
PAPUA NEW GUINEA		
328/90	Aus399-461-3994.....	<i>Bougainville Island</i> Closed area
106/98	Aus683	Buoyage
674/96	Aus628	<i>Goschen Strait</i> Buoy off station
382/97	Aus381-628-629-630.....	Light destroyed
670/97	Aus680	<i>New Britain</i> Siltation
639/97	Aus379-380-505-621-4620-4621	<i>Port Moresby</i> Beacon and racon destroyed

**III
NAVIGATION WARNINGS**

The following radio messages have been received during the period to 19 June 1998. 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 X WARNINGS

- 145 Cancelled.
- 146 Cancelled.
- 147 Cancelled.
- 148 Cancelled.
- 149 NE Coast. Middle Reef light K3240.4 (12° 31'.6 S 143° 23'.6 E) altered to *FI(3) WR. 15s 11/8M*, red sector 152°-162° (10°).
- 150 NW Coast. Drill rig *Ocean General* in position 13° 34'.9 S 124° 35'.5 E, 2.5NM clearance requested.
- 151 Cancelled.
- 152 NW Coast. Drill rig *Ocean Bounty* in position 14° 32'.5 S 123° 54'.5 E, 2.5NM clearance requested.
- 153 S Coast. Kingscote harbour light K2097 (35° 40'.1 S 137° 41'.1 E) unreliable
- 154 NW Coast. Drill rig *Sedco 703* in position 10° 36'.0 S 126° 00'.0 E, 2.5NM clearance requested.
- 155 Cancelled.
- 156 Cancelled.
- 157 NW Coast. Seismic survey vessel *Sea Challenger* towing 2.0 NM cable in area 16° 00' S to 17° 30' S to 121° 00' E to 122° 00' E.
- 158 Cancelled.
- 159 Cancelled.
- 160 Cancelled.
- 161 Cancelled.
- 162 Cancelled.
- 163 Cancelled.
- 164 NE Coast. Goods Island tide gauge (10° 33'.7 S 142° 09'.1 E) unreliable.
- 165 S Coast. Troubridge Hill racon ALRS 8767 (35° 10'.2 S 137° 38'.3 E) temporarily discontinued.
- 166 Cancelled.
- 167 NW Coast. Port Walcott buoy C3A (20° 25'.8 S 117° 23'.1 E) unlit.

NAVAREA X WARNINGS

Nil received.

Navigational warnings in force as at 181400UTC JUN 98.

Auscoast

1998 087 088 095 142 149 150 152 153 154 157 164 165 167.

Navarea X

1997 027.

1998 011 015 016

Summary of mobile drilling rigs as at 181400UTC JUN 98.

Name	Position
Sedco 703	10° 36'.0 S 126° 00'.0 E
Ocean Epoch	11° 51'.8 S 124° 53'.7 E
Ocean General	13° 34'.9 S 124° 35'.5 E
Ocean Bounty	14° 32'.5 S 123° 54'.5 E
Sedco 702	19° 28'.5 S 116° 22'.1 E
Ron Tappmeyer	20° 17'.5 S 116° 16'.4 E
Mariner	20° 37'.0 S 116° 24'.0 E
Northern Explorer III	39° 57'.8 S 145° 15'.3 E

NAVAREA XIV WARNINGS

- 090 Samoa. 10 metre SV *Lady Hermainai*, blue with white hull, 1 POB, unreported since 28 May, when vessel sailed Pago Pago on local voyage and failed to return.
- 091 Cancelled.
- 092 Cancelled.
- 093 Cancelled.
- 094 Fiji. Vatoa light K4759 (19° 50' S 178° 13' W) unlit.

095 Cancelled.
096 Cancelled.
097 Cancelled.
098 Cancelled.
099 Cancelled.
100 Cancelled.
101 Cancelled.

Navarea XIV warnings in force as at 180001UTC JUN 98.

082 0090 094.

IV
HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
VANUATU- Santo	Beacons	MV <i>Pacific Explorer</i>	B Keane