



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

*The Hydrographer and Staff of the Royal Australian Navy Hydrographic Office
wish all users of Australian Charts a Merry Christmas and a Happy New Year
and a safe and successful voyages in 1999*

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Notices 746-778

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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 AUSTRALIAN HYDROGRAPHIC OFFICE, 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 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

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Edition No 26

18 December 98

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746 AUSTRALIA - Publications.

AHO (98/20339). (AH17/3)

(1) New chart

<i>Chart</i>	<i>Published</i>	<i>Title, limits and description of amendments</i>	<i>Scale</i>	<i>Folio</i>	<i>Index Chart</i>	<i>Price</i>
Aus 454	23/10/98	Australia - Antarctic Territory - Wilkes Land -	1:500 000	1	Aus 5020B	\$25.00
INT 9020		Mill Island to Cape Poinsett 63° 44' 46" S - 67° 00' 00" S 100° 08' 19" E - 113° 30' 00" E <i>New chart included in the medium scale international chart series for Region M (Antarctica)</i>				

(2) New chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 45	Australia - North West Coast - Western Australia - Approaches to Derby	1:50 000

(3) Miscellaneous new chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 69004	Safety Channel to Surveillance Channel including Caution Harbour	1:50 000
Aus 69005	Horseshoe Group to Fetlock Group	1:25 000
Aus 69006	Approaches to Caution Harbour	1:25 000
Aus 69007	Saddle Group to Tribulation Group	1:25 000

747* AUSTRALIA - Miscellaneous chart correction.
 RAN Hydrographic Service (98/21278). (AH 17/3)

Aus 360 [719/98]

Insert [accompanying note](#) 35° 08' S 150° 05' E

Aus 426 [655/98]

Insert	chart limits, with legend <i>Aus 611</i>		
	North	23° 09'.1 S	
	South	23° 17'.0 S	
	East		155° 39'.4 E
	West		155° 25'.0 E
	chart limits, with legend <i>Aus 611</i>		
	North	22° 07'.0 S	
	South	22° 15'.0 S	
	East		155° 32'.3 E
	West		155° 04'.0 E
	chart limits, with legend <i>Aus 611</i>		
	North	21° 04'.0 S	
	South	21° 19'.7 S	
	East		155° 52'.2 E
	West		155° 34'.5 E
Delete	legend (see BA 349) centred on	23° 19'.0 S	155° 37'.0 E
		22° 17'.0 S	155° 17'.0 E
		21° 14'.0 S	155° 39'.0 E

To accompany Australian Notice to Mariners 747/98

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems are normally referred to WGS Datum, such positions should be moved 0.11 minutes SOUTHWARD and 0.03 minutes EASTWARD to agree with this chart.

Note for chart Aus 360

748* AUSTRALIA - NEW SOUTH WALES - Wattamolla - Wreck.
NSW Heritage Office (98/19443). The wreck is the *Tuggerah*. (AH 98/291)

Aus 361 [431/98]

Insert historic wreck, with legend *Historic Wk* (see Note)
[accompanying note](#)

34° 08'.34 S 151° 09'.04 E
33° 26'.0 S 150° 55'.0 E

Aus 808 [719/98]

Insert historic wreck, with legend *Historic Wk* (see Note)

34° 08'.34 S 151° 09'.04 E

To accompany Australian Notice to Mariners 748/98

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Notice to Mariners No 21.

Note for chart Aus 361

749* AUSTRALIA - NEW SOUTH WALES - Cape Baily to Tupia Head - Wrecks.
NSW Heritage Office (98/19443). (AH 98/291)

Aus 197 [400/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	34° 01'.5 S 33° 59'.3 S	151° 15'.5 E 151° 15'.8 E
Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	34° 02'.37 S	151° 13'.48 E

Aus 198 [429/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	34° 01'.57 S 33° 59'.30 S	151° 15'.50 E 151° 15'.80 E
Insert	historic wreck, with legend <i>Historic Wk (see Note)</i> accompanying note	34° 02'.370 S 33° 57'.3 S	151° 13'.478 E 151° 03'.9 E

Aus 199 [428/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	33° 59'.17 S	151° 15'.92 E
Insert	accompanying note	33° 57'.9 S	151° 13'.7 E

Aus 361 [748/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	34° 01'.5 S 33° 59'.2 S	151° 15'.5 E 151° 15'.9 E
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Aus 808 [748/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	34° 01'.5 S 33° 59'.2 S	151° 15'.5 E 151° 15'.9 E
Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	34° 02'.37 S	151° 13'.48 E

To accompany Australian Notice to Mariners 749/98

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Notice to Mariners No 21.

Note for chart Aus 198

To accompany Australian Notice to Mariners 749/98

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Notice to Mariners No 21.

Note for chart Aus 199

750* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Chimneys.
SPC (98/20705). (AH 61/17)

Aus 197 [749/98]

Delete	chimney, with legend CHY (Flare)	33° 58'.5 S	151° 13'.8 E
	chimney, with legend 2 CHYS	33° 58'.3 S	151° 13'.5 E

Aus 198 [749/98]

Delete	fixed point, with legend FLARE CHY	33° 58'.48 S	151° 13'.78 E
	fixed point, with legend 2 CHYS(94)	33° 58'.37 S	151° 13'.52 E

Aus 361 [749/98]

Delete	chimney, with legend FLARE	33° 58'.5 S	151° 13'.8 E
	chimney, with legend CHY	33° 58'.3 S	151° 13'.5 E

Aus 808 [749/98]

Delete	chimney, with legend CHY (FLARE)	33° 58'.5 S	151° 13'.9 E
	chimney, with legend 2 CHYS	33° 58'.3 S	151° 13'.6 E

751* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Wreck.
 NSW Heritage Office (98/19443). (AH 98/291)

Aus 197 [750/98]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	33° 50'.24 S	151° 17'.21 E
Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	33° 52'.2 S	151° 17'.8 E

Aus 200 [558/98]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	33° 50'.237 S	151° 17'.212 E
		33° 49'.043 S	151° 16'.033 E
		33° 50'.270 S	151° 16'.130 E
	historic wreck, with legend <i>Historic Wk (see Note)</i> , centred on stranded wreck	33° 48'.99 S	151° 13'.42 E
Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	33° 52'.2 S	151° 17'.8 E
		33° 48'.5 S	151° 14'.0 E

Aus 201 [541/97]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	33° 52'.082 S	151° 17'.853 E
		33° 50'.237 S	151° 17'.212 E
		33° 49'.043 S	151° 16'.033 E
		33° 50'.270 S	151° 16'.130 E
Delete	depth 11m	33° 49'.05 S	151° 16'.03 E

Aus 361 [750/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	33° 52'.1 S	151° 17'.9 E
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Aus 808 [750/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	33° 52'.1 S	151° 17'.9 E
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Aus 809 [618/98]

Substitute	historic wreck, with legend <i>Historic Wk (see Note)</i> , for non-dangerous wreck	33° 52'.0 S	151° 18'.0 E
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752* AUSTRALIA - NEW SOUTH WALES - Long Reef to Third Point - Wreck.
NSW Heritage Office (98/19443). (AH 98/291)

Aus 197 [751/98]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	33° 45'.79 S	151° 21'.77 E
		33° 32'.73 S	151° 25'.38 E

Aus 204 [58/97]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	33° 32'.73 S	151° 25'.38 E
	accompanying note	33° 39'.0 S	151° 07'.0 E

Aus 361 [751/98]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	33° 45'.79 S	151° 21'.77 E
		33° 32'.73 S	151° 25'.38 E

Aus 809 [751/98]

Insert	historic wreck, with legend <i>Historic Wk (see Note)</i>	33° 45'.70 S	151° 21'.84 E
		33° 32'.64 S	151° 25'.45 E

To accompany Australian Notice to Mariners 752/98

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Notice to Mariners No 21.

Note for chart Aus 204

753* AUSTRALIA - NEW SOUTH WALES - Newcastle - Obstruction.
ADI (98/21170). (AH 61/126)

Aus 207 [432/98]

Insert depth, 39m, enclosed by danger circle, with legend *Obstn* 32° 54'.448 S 151° 55'.534 E

Aus 362 [434/98]

Insert depth, 21m, enclosed by danger circle, with legend *Obstn* 32° 54'.45 S 151° 55'.53 E

Aus 809 [752/98]

Insert depth, 39m, enclosed by danger circle, with legend *Obstn* 32° 54'.45 S 151° 55'.53 E

Delete depth 45 m 32° 54'.4 S 151° 55'.5 E

754* AUSTRALIA - NEW SOUTH WALES - Coffs Harbour - Harbour limit revoked.
Forest and Marine NSW (98/21711). (AH 61/107)

Aus 220 (plan, Coffs Harbour) [688/98]

Delete pecked magenta line, with legend Harbour Limit, between

30° 17'.65 S

153° 09'.37 E

30° 19'.15 S

153° 09'.42 E

755* AUSTRALIA - QUEENSLAND - Black Reef - Wreck southward.
DOTQ Notice 409/98 (98/20343). The wreck is FV *Shamrock II*. (AH 98/288)

Aus 370 [656/98]

Insert non-dangerous wreck

19° 58'.3 S

149° 28'.7 E

Aus 371 [722/98]

Insert non-dangerous wreck

19° 58'.3 S

149° 28'.7 E

Aus 825 [722/98]

Insert non-dangerous wreck

19° 58'.3 S

149° 28'.7 E

756* AUSTRALIA - QUEENSLAND - Weipa - Embely River - Mooring buoy.
DOTQ (98/21022). (AH 70/84)

Aus 4 [122/97]

Insert mooring buoy

12° 42'.09 S

141° 52'.72 E

757* AUSTRALIA - NORTHERN TERRITORY - Darwin - Pilot boarding place.

Darwin Port Authority (98/21026). (AH 60/107)

Aus 26 [727/98]

Insert	pilot boarding place, with legend <i>Outer</i> (see Note)	12° 19'.05 S	130° 41'.75 E
	legend, <i>Inner</i> (see Note), adjacent to pilot boarding place	12° 24'.35 S	130° 46'.22 E
	radio calling-in point, desig <i>A</i> , orientated 140°	12° 18'.27 S	130° 41'.14 E
	radio calling-in point, desig <i>B</i> , orientated 140° - 320°	12° 25'.28 S	130° 46'.64 E
	accompanying note	12° 30'.0 S	130° 41'.0 E

Aus 309 [498/98]

Insert	pilot boarding place, with legend <i>Inner</i> (see Note)	12° 24'.43 S	130° 46'.16 E
	radio calling-in point, desig <i>A</i> , orientated 140°	12° 18'.35 S	130° 41'.08 E
	accompanying note	12° 18'.0 S	128° 25'.0 E

Move	pilot boarding place	12° 19'.1 S	130° 41'.4 E
	to and insert legend, <i>Outer</i> (see Note)	12° 19'.13 S	130° 41'.69 E

Aus 722 [694/98]

Insert	pilot boarding place, with legend <i>Outer</i> (see Note)	12° 19'.05 S	130° 41'.75 E
	legend, <i>Inner</i> (see Note), adjacent to pilot boarding place	12° 24'.35 S	130° 46'.22 E
	radio calling-in point, desig <i>A</i> , orientated 140°	12° 18'.27 S	130° 41'.14 E
	radio calling-in point, desig <i>B</i> , orientated 140° - 320°	12° 25'.28 S	130° 46'.64 E
	accompanying note	12° 30'.0 S	131° 18'.0 E

To accompany Australian Notice to Mariners 757/98

PILOTS

The Outer Pilot Boarding Place is for vessels that have requested a pilot for the deep draught passage.

Note for chart Aus 26

To accompany Australian Notice to Mariners 757/98

PILOTS

The Outer Pilot Boarding Place is for vessels that have requested a pilot for the deep draught passage.

Note for chart Aus 309

To accompany Australian Notice to Mariners 757/98

PILOTS

The Outer Pilot Boarding Place is for vessels that have requested a pilot for the deep draught passage.

Note for chart Aus 722

758* AUSTRALIA - NORTHERN TERRITORY - Marie Shoal to Calder Shoal - Depths.
 HMAS *Moresby* (98/21023-21025). (AH 63/126)

Aus 309 [757/98]

Insert	depth, 16 ₁ m	10° 47'.26 S	129° 59'.61 E
	depth, 14 ₈ m, and extend contour N to enclose	10° 50'.51 S	129° 13'.00 E
	depth, 20 ₆ m	10° 51'.35 S	129° 04'.01 E

Delete	depth 13 ₉ m enclosed by contour, with legend Rep (1970)	10° 47'.6 S	129° 59'.3 E
	depth 17 ₈ m	10° 46'.9 S	129° 59'.8 E
	depth 13 ₇ m and legend (unexam)	10° 51'.1 S	129° 12'.8 E
	depth 14 ₉ m enclosed by contour, with legend (unexam)	10° 51'.4 S	129° 03'.9 E

Aus 310 [661/98]

Insert	depth, 16 ₁ m	10° 47'.18 S	129° 59'.67 E
	depth, 14 ₈ m, and extend contour N to enclose	10° 50'.43 S	129° 12'.94 E
	depth, 20 ₆ m	10° 51'.27 S	129° 04'.07 E

Delete	depth 13 ₉ m enclosed by contour, with legend Rep (1970)	10° 47'.5 S	129° 59'.4 E
	depth 17 ₈ m	10° 46'.8 S	129° 59'.9 E
	depth 13 ₇ m and legend (unexam)	10° 51'.0 S	129° 12'.9 E
	depth 14 ₉ m enclosed by contour, with legend (unexam)	10° 51'.3 S	129° 04'.0 E

Aus 311 [470/98]

Insert	depth, 20 ₆ m	10° 51'.27 S	129° 04'.07 E
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Delete	depth 14 ₉ m enclosed by contour, with legend (unexam)	10° 51'.3 S	129° 04'.0 E
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Aus 411 [659/98]

Insert	depth, 8 ₅ fm, and extend contour N to enclose	10° 47'.2 S	129° 59'.7 E
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Substitute	depth, 8fm, for 7 ₄ fm Unexam	10° 50'.3 S	129° 12'.9 E
	depth, 11fm, for 8 ₂ fm Unexam	10° 51'.3 S	129° 04'.0 E

Delete	depth 8fm, with legend Rep (1970)	10° 47'.5 S	129° 59'.4 E
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Aus 4603 (INT 603) [662/98]

Substitute	depth, 15m, for 14m	10° 50' S	129° 13' E
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759 INDONESIA - Buru - Closed area.

Indonesian Notice 34/298/98 (98/20708). (AH 80/105)

Aus 4060 (INT 60) [548/98]

Substitute [accompanying note](#), CLOSED AREA, for existing note 23° 00' S 121° 00' E

Delete legend CLOSED AREA (see Note) 3° 40' S 126° 40' E

Aus 4603 (INT 603) [758/98]

Substitute [accompanying note](#), CLOSED AREA, for existing note 20° 30' S 123° 30' E

Delete legend CLOSED AREA (see Caution) 3° 40' S 126° 40' E

To accompany Australian Notice to Mariners 759/98

CLOSED AREA

The Indonesian Government has declared that non-Indonesian vessels are prohibited from entering the waters within 12 miles of the south coast of Timor between the meridians of 125° 05' E and 127° 21' E. Attention is drawn to the comments on Laws and Regulations in The Mariners Handbook (NP 100), Chapter 1, Section 1.

Note for chart Aus 4060

To accompany Australian Notice to Mariners 759/98

CLOSED AREA

The Indonesian Government has declared that non-Indonesian vessels are prohibited from entering the waters within 12 miles of the south coast of Timor between the meridians of 125° 05' E and 127° 21' E. Attention is drawn to the comments on Laws and Regulations in The Mariners Handbook (NP 100), Chapter 1, Section 1.

Note for chart Aus 4603

760* INDIAN OCEAN - Christmas Island - Flying Fish Cove - Wreck.
DOTWA (98/282). (AH 98/282)

Aus 608 (plan, Flying Fish Cove) [729/98]

Insert depth, 2₅ m, enclosed by danger circle, with legend *Wk*

10° 25'.525 S 105° 40'.234 E

761* WESTERN AUSTRALIA - Dampier - Light buoy.

Dampier Port Authority (98/20223). (AH 64/80)

Aus 57 [378/98]

Amend starboard lateral light buoy to *Fl. G. 3s Sea Buoy Racon (M) (3&10cm)*

20° 25'.5 S

116° 42'.9 E

Aus 58 [472/98]

Amend starboard lateral light buoy to *Fl. G. 3s Sea Buoy Racon (M) (3&10cm)*

20° 25'.5 S

116° 42'.9 E

Aus 741 [664/98]

Amend starboard lateral light buoy to *Fl. G. 3s Sea Buoy Racon (M) (3&10cm)*

20° 25'.5 S

116° 42'.9 E

762* WESTERN AUSTRALIA - Dampier - Light beacons; light buoys.
Dampier Port Authority (98/20190). (AH 64/78,80)

Aus 58 [761/98]

Amend	port lateral light buoy to <i>Q. R</i>	20° 28'.67 S	116° 43'.88 E		
		20° 32'.83 S	116° 43'.34 E		
	port lateral light buoy to <i>Fl. R. 3s</i>	20° 26'.55 S	116° 42'.28 E		
		20° 27'.66 S	116° 42'.71 E		
		20° 33'.74 S	116° 44'.17 E		
		20° 34'.80 S	116° 45'.43 E		
		20° 26'.55 S	116° 41'.98 E		
	starboard lateral light buoy to <i>Fl. G. 3s</i>	20° 27'.38 S	116° 42'.30 E		
		20° 33'.84 S	116° 44'.08 E		
		20° 34'.94 S	116° 45'.37 E		
		20° 32'.90 S	116° 43'.08 E		
		20° 32'.80 S	116° 42'.96 E		
	light beacon to <i>Q. Bu 6m 6M</i>	20° 32'.80 S	116° 42'.96 E		
	light beacon to <i>Iso. Bu. 4s 15m 6M</i>	20° 33'.21 S	116° 43'.02 E		
	light beacon to <i>Iso. Bu. 4s 18m 6M</i>	20° 36'.60 S	116° 41'.40 E		
	starboard lateral light beacon to <i>Q. G</i>	20° 36'.62 S	116° 41'.52 E		
	port lateral light beacon to <i>Q. R</i>	20° 37'.51 S	116° 41'.37 E		
	light beacon to <i>Fl. 3s</i>	20° 37'.01 S	116° 41'.31 E		
	starboard lateral light beacon to <i>Fl. G. 3s</i>	20° 37'.28 S	116° 41'.26 E		
		20° 37'.83 S	116° 41'.61 E		
		20° 38'.26 S	116° 41'.98 E		
		20° 38'.16 S	116° 41'.07 E		
	port lateral light beacon to <i>Fl. R. 3s</i>	20° 36'.93 S	116° 41'.47 E		
		20° 37'.32 S	116° 41'.50 E		
		20° 37'.69 S	116° 41'.66 E		
		20° 37'.89 S	116° 41'.82 E		
		20° 38'.02 S	116° 41'.98 E		
		Insert	port lateral light beacon, <i>Fl. R. 3s 10E</i> , with topmark	20° 38'.188 S	116° 42'.434 E
			starboard lateral light beacon, <i>Fl. G. 3s 10W</i> , with topmark	20° 38'.327 S	116° 42'.549 E
Delete	port lateral light beacon	20° 38'.17 S	116° 42'.28 E		
	starboard lateral light beacon	20° 38'.31 S	116° 42'.45 E		

Aus 59 (plan, Withnell Bay to King Bay) [472/98]

Amend	port lateral light buoy to <i>Fl. R. 3s</i>	20° 33'.74 S	116° 44'.17 E
		20° 34'.80 S	116° 45'.43 E
	starboard lateral light buoy to <i>Fl. G. 3s</i>	20° 33'.84 S	116° 44'.08 E
		20° 34'.94 S	116° 45'.37 E

Aus 59 (plan, Dampier Wharves)

Amend	starboard lateral light beacon to <i>Q. G</i>	20° 36'.60 S	116° 41'.40 E		
		20° 36'.62 S	116° 41'.52 E		
	port lateral light beacon to <i>Q. R</i>	20° 37'.51 S	116° 41'.37 E		
	light beacon to <i>Fl. 3s</i>	20° 37'.01 S	116° 41'.31 E		
	starboard lateral light beacon to <i>Fl. G. 3s</i>	20° 37'.01 S	116° 41'.31 E		
		20° 37'.28 S	116° 41'.26 E		
		20° 37'.83 S	116° 41'.61 E		
		20° 38'.26 S	116° 41'.98 E		
		20° 38'.16 S	116° 41'.07 E		
		20° 38'.16 S	116° 41'.07 E		
	port lateral light beacon to <i>Fl. R. 3s</i>	20° 36'.93 S	116° 41'.47 E		
		20° 37'.32 S	116° 41'.50 E		
		20° 37'.69 S	116° 41'.66 E		
		20° 37'.89 S	116° 41'.82 E		
		20° 38'.02 S	116° 41'.98 E		
		Insert	port lateral light beacon, <i>Fl. R. 3s 10E</i> , with topmark	20° 38'.188 S	116° 42'.434 E
			starboard lateral light beacon, <i>Fl. G. 3s 10W</i> , with topmark	20° 38'.327 S	116° 42'.549 E
Delete	port lateral light beacon	20° 38'.17 S	116° 42'.28 E		
	starboard lateral light beacon	20° 38'.31 S	116° 42'.45 E		

763* WESTERN AUSTRALIA - Dampier - Dredged channels.
Dampier Port Authority (98/20225). (AH 64/22)

Aus 57 [761/98]

Insert	pecked line between	20° 37'.47 S	116° 41'.24 E
		20° 37'.48 S	116° 41'.36 E
		20° 37'.37 S	116° 41'.52 E
	pecked line (and delete former limit) between	20° 37'.82 S	116° 41'.62 E
		20° 38'.00 S	116° 41'.76 E
		20° 38'.09 S	116° 41'.85 E
	pecked line (and delete former limit) between	20° 38'.21 S	116° 41'.92 E
		20° 38'.24 S	116° 41'.99 E
	pecked line (and delete former limit) between	20° 38'.26 S	116° 42'.19 E
		20° 38'.32 S	116° 42'.53 E
	pecked line (and delete former limit) between	20° 38'.14 S	116° 42'.19 E
		20° 38'.20 S	116° 42'.39 E
		20° 38'.20 S	116° 43'.16 E
	pecked line (and delete former limit) between	20° 38'.90 S	116° 40'.69 E
		20° 38'.95 S	116° 40'.53 E
	pecked line (and delete former limit) between	20° 38'.94 S	116° 40'.24 E
		20° 39'.05 S	116° 40'.02 E
		20° 39'.17 S	116° 40'.08 E
		20° 39'.06 S	116° 40'.31 E
	legend 15.5m	20° 38'.4 S	116° 41'.0 E
	legend 15.3m	20° 38'.2 S	116° 42'.7 E
Amend	legend to 15.6m centred on	20° 35'.6 S	116° 41'.6 E
Delete	pecked line between	20° 38'.94 S	116° 40'.24 E
		20° 39'.06 S	116° 40'.31 E
	depth 11 ₈ m	20° 39'.02 S	116° 40'.15 E

Aus 58 [762/98]

Insert	pecked line between	20° 37'.465 S	116° 41'.241 E
		20° 37'.475 S	116° 41'.362 E
		20° 37'.373 S	116° 41'.515 E
	pecked line (and delete former limit) between	20° 37'.820 S	116° 41'.620 E
		20° 37'.998 S	116° 41'.760 E
		20° 38'.094 S	116° 41'.850 E
	pecked line (and delete former limit) between	20° 38'.210 S	116° 41'.915 E
		20° 38'.241 S	116° 41'.985 E
	pecked line (and delete former limit) between	20° 38'.260 S	116° 42'.192 E
		20° 38'.316 S	116° 42'.531 E
	pecked line (and delete former limit) between	20° 38'.141 S	116° 42'.190 E
		20° 38'.200 S	116° 42'.390 E
		20° 38'.200 S	116° 43'.162 E
	pecked line (and delete former limit) between	20° 38'.895 S	116° 40'.694 E
		20° 38'.950 S	116° 40'.530 E
	pecked line between	20° 38'.937 S	116° 40'.240 E
		20° 39'.045 S	116° 40'.017 E
		20° 39'.127 S	116° 40'.062 E
		20° 39'.017 S	116° 40'.291 E
	pecked line, with legend 19.5m, between	20° 39'.127 S	116° 40'.062 E
		20° 39'.166 S	116° 40'.084 E
		20° 39'.060 S	116° 40'.310 E
	firm line between	20° 38'.326 S	116° 42'.960 E
		20° 38'.326 S	116° 42'.990 E
Amend	legend to <i>Maintained depth</i> 15.6m centred on	20° 33'.3 S	116° 42'.0 E
	legend to <i>Maintained depth</i> 15.5m centred on	20° 38'.5 S	116° 40'.9 E
Delete	pecked line between	20° 38'.94 S	116° 40'.24 E
		20° 39'.02 S	116° 40'.29 E
	depth 11 ₈ m	20° 39'.02 S	116° 40'.15 E

Aus 59 (plan, Dampier Wharves) [762/98]

Insert	pecked line between	20° 37'.465 S	116° 41'.241 E
		20° 37'.475 S	116° 41'.362 E
		20° 37'.373 S	116° 41'.515 E
	pecked line (and delete former limit) between	20° 37'.820 S	116° 41'.620 E
		20° 37'.998 S	116° 41'.760 E
		20° 38'.094 S	116° 41'.850 E
	pecked line (and delete former limit) between	20° 38'.210 S	116° 41'.915 E
		20° 38'.241 S	116° 41'.985 E
	pecked line (and delete former limit) between	20° 38'.260 S	116° 42'.192 E
		20° 38'.316 S	116° 42'.531 E
	pecked line (and delete former limit) between	20° 38'.141 S	116° 42'.190 E
		20° 38'.200 S	116° 42'.390 E
		20° 38'.200 S	116° 43'.162 E
	pecked line (and delete former limit) between	20° 38'.895 S	116° 40'.694 E
		20° 38'.950 S	116° 40'.530 E
	pecked line between	20° 38'.937 S	116° 40'.240 E
		20° 39'.045 S	116° 40'.017 E
		20° 39'.127 S	116° 40'.062 E
		20° 39'.017 S	116° 40'.291 E
	pecked line, with legend <i>19.5m</i> , between	20° 39'.127 S	116° 40'.062 E
		20° 39'.166 S	116° 40'.084 E
		20° 39'.060 S	116° 40'.310 E
	firm line between	20° 38'.946 S	116° 40'.532 E
		20° 38'.970 S	116° 40'.500 E
	firm line between	20° 39'.060 S	116° 40'.321 E
		20° 39'.060 S	116° 40'.310 E
	firm line between	20° 38'.326 S	116° 42'.960 E
		20° 38'.326 S	116° 42'.990 E

Amend	legend to <i>Maintained depth 15.6m</i> centred on	20° 36'.1 S	116° 41'.5 E
	legend to <i>Maintained depth 15.5m</i> centred on	20° 38'.4 S	116° 40'.9 E

Delete	pecked line between	20° 38'.94 S	116° 40'.24 E
		20° 39'.02 S	116° 40'.29 E
	depth 11 ₈ m	20° 39'.02 S	116° 40'.15 E
	depth 10 ₈ m	20° 39'.12 S	116° 40'.09 E

Aus 741 [761/98]

Insert	pecked line between	20° 38'.94 S	116° 40'.24 E
		20° 39'.05 S	116° 40'.02 E
		20° 39'.17 S	116° 40'.08 E
		20° 39'.06 S	116° 40'.31 E

Delete	pecked line between	20° 38'.94 S	116° 40'.24 E
		20° 39'.06 S	116° 40'.31 E

764* WESTERN AUSTRALIA - North West Cape - Wreck.
AHO (98/21330). (AH 98/221)

Aus 745 [700/98]
Insert stranded wreck

21° 46'.9 S 114° 10'.2 E

765* AUSTRALIA - VICTORIA - Port Welshpool - Middle Ground Channel - Light beacon.

Victorian Notice 65/98 (98/21019). (AH 59/78)

Aus 181 [702/98]

Substitute south cardinal light beacon, VQ(6) + LFl. 10s 2M No 16,
with topmark, for south cardinal beacon

38° 43'.60 S

146° 34'.47 E

766(T)/98 AUSTRALIA - NEW SOUTH WALES - Newcastle - Depth information.

Former Notice - 509(T)/98 is cancelled

Newcastle Port Corp (98/21804). (AH 61/22)

Cancel this notice on receipt

Chart formerly affected - Aus 208

767(T)/98 AUSTRALIA - QUEENSLAND - Southport - Dredging completed.

Former Notice - 127(T)/98 is cancelled

DOTQ Notice 424/98 (98/21574). (AH 61/22)

Cancel this notice on receipt

Chart formerly affected - Aus 814

768(T)/98 AUSTRALIA - QUEENSLAND - North Stradbroke Island - Point Lookout - Scientific instrument recovered.

Former Notice - 450(T)/98 is cancelled

DOTQ Notice 237/98 (98/11482). (AH 61/123)

Cancel this notice on receipt

Chart formerly affected - Aus 364 - Aus 814

769(T)/98 AUSTRALIA - QUEENSLAND - Gladstone - Differential global positioning system.

Auscoast warning 291/98 (98/21185) & AMSA ATH 98/N/011 (98/21020). (AH 58/121)

A trial Differential Global Positioning System (DGPS) has been established at Gladstone (24° 02'.34 S 151° 21'.50 E).

The station will broadcast range correction messages for the GPS satellites which are currently in view. The DGPS facility will broadcast continuously on a frequency of 313kHz, which is within the maritime radionavigation band. The range correction messages will be RTCM Type 9 messages, and will be transmitted at the rate of 200 bits per second. During the trial, the Type 16 message will be transmitted with the following message:

Gladstone DGPS trial transmission only.

The nominal range of the service has yet to be determined, but may be between 100 and 150 nautical miles.

Further details of the service are contained in the AMSA publication *Characteristics of AMSA Differential GPS Broadcast Services*, which is available on request from:

Navigational Policy and Planning
Australian Maritime Safety Authority
GPO Box 2181
CANBERRA ACT 2601
Telephone 02 6279 5013
Fax 02 6279 5002

Chart temporarily affected - Aus 241 - Aus 243 - Aus 244 - Aus 245 - Aus 246 - Aus 247 - Aus 248 - - Aus 365 - Aus 366 - Aus 367 - Aus 426 - Aus 817 - Aus 818 - Aus 819 - Aus 820 - Aus 822 - Aus 4620 - Aus 4621.

770(T)/98 AUSTRALIA - QUEENSLAND - Pioneer Bay - Scientific instruments recovered.

Former Notice - 452(T)/98 is cancelled

DOTQ Notice 233/98 (98/11366). (AH 58/123)

Cancel this notice on receipt

Chart formerly affected - Aus 252 - Aus 253 - Aus 824 - Aus 825

771(T)/98 AUSTRALIA - QUEENSLAND - Queens Bay - Wreck.

Date - Until further notice

DOTQ Notice 417/98 (98/21017). (AH 98/288)

A dangerous wreck, marked by a red marker buoy, exists in position 19° 58'.78 S 148° 15'.33 E.

Chart temporarily affected - Aus 250 - Aus 826.

772(T)/98 PAPUA NEW GUINEA - Nateara Reef - Wreck salvaged.

Former Notice - 741(T)/98 is cancelled

HMAS Mermaid (98/21280). (AH 98/294)

Cancel this notice on receipt

Chart formerly affected - Aus 505 - Aus 621

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

Former Notice - 391(T)/98 is cancelled

FPA (98/21611). (AH 72/80)

Cancel this notice on receipt

Chart formerly affected - Aus 117

774(T)98 AUSTRALIA - VICTORIA - Port Phillip - Point Wilson - Buoy off station.

Date - Until further notice

Victorian Notice 67/98 (98/21599). (AH 66/8)

The starboard lateral buoy (38° 04'.95 S 144° 33'.15 E) is off station. A temporary starboard lateral buoy will be established.

Chart temporarily affected - Aus 143 - Aus 157.

775(T)/98 AUSTRALIA - VICTORIA - Port Phillip - St Kilda to St Leonards - Dredging.

Date - Until 31 January 1999

Victorian Notice 66/98 (98/21544). (AH 66/22)

Dredging operations are in progress at St Kilda, Sandringham, Portarlington and St Leonards boat harbours. Dredging will only be conducted during daylight hours.

Mariners should navigate with caution when in the vicinity of the dredge.

Chart temporarily affected - Aus 143 - Aus 155 - Aus 157 - Aus 158.

776(T)/98 AUSTRALIA - VICTORIA - Melbourne - Swanson Dock - Depth information.

Former Notice - 168(T)/97 is cancelled

Victorian Notice 71/98 (98/21686). (AH 66/22)

Available depth of berth as at 27 November 1998:

Swanson Dock:

No4 East	12.3m
No1 West	12.6m
N03 West	12.3m
No4 West	12.5m

No1 East has been restored to 13.1m

Note: Dredging at these berths is in progress.

Chart temporarily affected - Aus 154.

777(T)/98 AUSTRALIA - VICTORIA - Port Phillip - Melbourne - Maibyrnong River - Dredging completed.

Former Notice - 679(T)/98 is cancelled

Victorian Notice 61/98 (98/18362). (AH 66/22)

Cancel this notice on receipt

Chart formerly affected - Aus 154

778(T)/98 AUSTRALIA - BASS STRAIT - Oilfield.

Former Notice - 587(P)/98 is cancelled

Coflexip Stena Offshore Asia Pacific Pty Ltd (98/21021). (59/101).

Pipe laying operations by CSO *Apache* and MV *Canning Tide* will be undertaken as follows:

<i>From</i>	<i>To</i>	<i>Date</i>
Mackerel Platform (38° 28'.8 S 148° 20'.5 E)	Blackback (38° 32'.5 S 148° 33'.2 E)	10/12/98 to 16/12/98
Mackerel Platform (38° 28'.8 S 148° 20'.5 E)	Mid Point Laydown (38° 33'.4 S 148° 50'.7 E)	21/12/98 to 23/12/98
Mid Point Laydown (38° 33'.4 S 148° 50'.7 E)	Blackback (38° 32'.5 S 148° 33'.2 E)	28/12/98 to 31/12/98
Marlin Platform (38° 13'.9 S 148° 13'.1 E)	Fortescue Platform (38° 24'.5 S 148° 16'.6 E)	5/1/99 to 7/1/99
Fortescue Platform (38° 24'.5 S 148° 16'.6 E)	West Kingfish Platform (38° 35'.7 S 148° 06'.2 E)	14/1/99 to 18/1/99

During operations a cautionary area of radius 1.5nm will exist around both the pipe laying vessels.

Vessels are to avoid navigating within the cautionary area.

Chart temporarily affected - Aus 357A - Aus 358 - Aus 422 - Aus 423 - Aus 445A.

III NAVIGATION WARNINGS

The following radio messages have been received during the period to 4 December 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 WARNINGS

- 291 NE Coast. Gladstone trial DGPS station established.
- 292 Cancelled.
- 293 Cancelled.
- 294 NW Coast. Drill rig *Ensco 56* in position 20° 37'.1 S 115° 42'.0 E, 2.5nm clearance requested.
- 295 NW Coast. Drill rig *Ron Tappmeyer* in position 19° 42'.9 S 116° 37'.0 E, 2.5nm clearance requested.
- 296 NW Coast. Seismic survey vessel *Nordic Explorer* towing 3.0nm cable in area 11° 30' S to 12° 30' S and 124° 00' E to 125° 00' E.
- 297 Cancelled.
- 298 SE Coast. Round Island light, *Fl. WR. 7s 31m 10M*, established in position 38° 31'.15 S 145° 06'.60 E, with sectors *white* 110°-213° and 246°-033° and *red* 033°-110° and 213°-246°.
- 299 SE Coast. Point Grant light K2424 (38° 31'.0 S 145° 07'.1 E) permanently discontinued.
- 300 Cancelled.
- 301 NW Coast. Seismic survey vessel *Odin Explorer* towing 3.5nm cable in area 17° 40' S to 19° 00' S and 114° 55' E to 115° 35' E.
- 302 Cancelled.
- 303 Cancelled.
- 304 N Coast. Haul Round Island light K3312.8 (11° 53'.3 S 134° 12'.5 E) unlit.

NAVAREA X WARNINGS

- 042 PNG. Lunn Island light K3449 (10° 47'.3 S 152° 00'.4 E) unlit.
- 043 PNG. Hood Point light K3457 (10° 06'.3 S 147° 43'.2 E) unlit.
- 044 Cancelled.
- 045 PNG. Rothery Passage West Reef (East end) light K3456.7 (10° 21'.1 S 148° 41'.0 E) unlit.
- 046 Pacific Ocean. Tug *Alfred Brown* towing large hotel barge *Bibby Progress*, enroute Brisbane in position 24° 25' S 168° 27' E at 030300Z DEC, speed 5.5 knots, length of tow 1000 metres.

Navigational warnings in force as at 031400UTC DEC 98.

Auscoast

1998 249 264 268 273 278 279 280 285 289 291 294 295 296 298 299 301 304.

Navarea X

1998 017 036 039 040 041 042 043 045 046.

Summary of mobile drilling rigs as at 031400UTC DEC 98.

Name	Position
Ocean Bounty	9° 47'.1 S 130° 24'.4 E
Sedco 703	10° 35'.5 S 125° 59'.2 E
Ocean Epoch	19° 22'.5 S 116° 21'.4 E
Ron Tappmeyer	19° 42'.9 S 116° 37'.0 E
Stena Clyde	20° 25'.0 S 114° 51'.0 E
Ensco 56	20° 37'.1 S 115° 42'.0 E

NAVAREA XIV WARNINGS

- 206 Cancelled.
- 207 Cancelled.
- 208 Cancelled.
- 209 Cancelled.
- 210 Cancelled.
- 211 Cancelled.
- 212 Cancelled.
- 213 Pacific Ocean. Tug *Alfred Brown* towing large hotel barge *Bibby Progress*, enroute Brisbane in position 25° 08' S 163° 00' E at 291800Z NOV, speed 5.5 knots, length of tow 1000 metres.

Navarea XIV warnings in force as at 030001UTC DEC 98.

198 213.

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Peaked Island	Nomenclature	MV <i>Kowulka</i>	PF Jespon