

Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 99-127

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 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 3

5 February 1999

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127(T).....	Aus 357A,358,422,423,445A

99* AUSTRALIA - Miscellaneous chart correction.

HO RAN (99/136 & 137). (AH 17/3)

Aus 52 [564/98]

Amend title block note Depths to read 20° 17'.0 S 118° 30'.0 E
.....reduced to Port Datum (Port Hedland), which is
approximately 0.2 metres below the level of Lowest
Astronomical Tide.

Aus 53 [564/98]

Amend title block note Depths to read 20° 13'.8 S 118° 24'.4 E
.....reduced to Port Datum (Port Hedland), which is
approximately 0.2 metres below the level of Lowest
Astronomical Tide.

Aus 54 [163/98]

Amend title block note Depths to read 20° 19'.1 S 118° 36'.0 E
.....reduced to Port Datum (Port Hedland), which is
approximately 0.2 metres below the level of Lowest
Astronomical Tide.

Aus 366 [560/98]

Amend note SATELLITE-DERIVED POSITIONS to read 24° 33' S 150° 50' E
.....should be moved 0.10 minutes SOUTHWARD.....

Aus 382 [504/93]

Amend note SATELLITE-DERIVED POSITIONS to read 11° 53' S 152° 07' E
.....and 0.06 minutes WESTWARD to agree with.....
Tidal Levels referred to Datum of Soundings panel to read 11° 57' S 152° 05' E
Height in feet above datum

100* AUSTRALIA - NEW SOUTH WALES - North Head - Wreck.
SPC (99/142). The wreck is *SV Takuta*. (AH 98/291)

Aus 197 [752/98]

Insert non dangerous wreck

33° 48'.69 S 151° 20'.69 E

Aus 808 [751/98]

Insert non dangerous wreck

33° 48'.71 S 151° 20'.84 E

Aus 809 [753/98]

Insert non dangerous wreck

33° 48'.60 S 151° 20'.76 E

101* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Middle Harbour - Lights.

Waterways (99/245). (AH 65/78)

Aus 200 [751/98]

Insert	light, 2F. G	33° 48'.230 S	151° 14'.709 E
	light, 2F. R	33° 48'.267 S	151° 14'.706 E

Aus 201 [751/98]

Insert	light, F. G	33° 48'.230 S	151° 14'.718 E
		33° 48'.230 S	151° 14'.700 E
		33° 48'.253 S	151° 14'.720 E
		33° 48'.252 S	151° 14'.696 E
	light, F. R	33° 48'.268 S	151° 14'.718 E
		33° 48'.267 S	151° 14'.694 E
		33° 48'.245 S	151° 14'.716 E
		33° 48'.245 S	151° 14'.698 E

102* AUSTRALIA - TASMAN SEA - Norfolk Island - Light.

List of Lights Vol K/99 -- 4530.00

Argosy Norfolk Pty Ltd (99/216). (AH 77/78)

Aus 609 (plan, Norfolk and Phillip Islands) [685/98]

Delete light

29° 00'.7 S

167° 56'.4 E

103 AUSTRALIA - QUEENSLAND - Mossman River - Light.

Former Notice - 94(T)/99 is cancelled

List of Lights Vol K/99 -- 3189.00

DOTQ (99/143). (AH 57/78)

Aus 830 [595/98]

Amend light to *Fl.* 2.5s

16° 26'.0 S

145° 24'.3 E

Aus 831 [692/98]

Amend light to *Fl.* 2.5s

16° 26'.0 S

145° 24'.3 E

104* PAPUA NEW GUINEA - Ava Point - Depths.
 HMAS' *Mermaid & Paluma* (99/281). (AH 92/126)

Aus 380 [725/98]

Substitute	depth, 3_5 fm, for 4_3 fm	10° 27'.0 S	149° 40'.3 E
	depth, 3 fm, enclosed by contour, for 10_2 fm	10° 29'.8 S	149° 48'.0 E

Insert	depth, 5 fm, enclosed by contour	10° 29'.14 S	149° 41'.11 E	
	depth, 4_4 fm, enclosed by contour	10° 30'.88 S	149° 42'.86 E	
	depth, 10_4 fm, enclosed by contour	10° 31'.60 S	149° 41'.76 E	
	depth, 8_5 fm	(a) 10° 35'.38 S	149° 39'.94 E	
	depth, 4_1 fm	(b) 10° 36'.05 S	149° 41'.02 E	
	depth, 5 fm	(c) 10° 35'.29 S	149° 43'.07 E	
	danger line, of width 0.6nm, enclosing:			
	(i) depths (a) & (b)			
	(ii) position	10° 36'.4 S	149° 42'.3 E	
	(iii) depth (c)			
(iv) depth 7fm	10° 35'.2 S	149° 43'.7 E		
(v) depth 5_2 fm	10° 36'.9 S	149° 45'.5 E		

Delete	depth 12fm and enclosing contour	10° 29'.0 S	149° 40'.6 E
	depth 7fm and enclosing contour	10° 29'.3 S	149° 43'.8 E
	depth 14fm	10° 36'.0 S	149° 41'.6 E
	depth 5fm and enclosing contour	10° 37'.2 S	149° 41'.2 E
	legend Rep (1987) centred on	10° 32'.2 S	149° 41'.8 E
	depth 6fm and legend Rep (1986)	10° 31'.5 S	149° 40'.5 E
	shoal area between	10° 37'.8 S	149° 45'.5 E
		10° 37'.2 S	149° 42'.0 E
	shoal area centred on	10° 34'.8 S	149° 43'.0 E
	legend Unsurveyed (see Note) centred on	10° 33'.0 S	149° 42'.5 E

Aus 381 [142/98]

Substitute	depth, 3 fm, enclosed by contour, for 10_2 fm	10° 29'.7 S	149° 48'.0 E
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Insert	depth, 4_4 fm, enclosed by contour	10° 30'.88 S	149° 42'.86 E	
	depth, 10_4 fm, enclosed by contour	10° 31'.60 S	149° 41'.76 E	
	depth, 5 fm	(a) 10° 35'.29 S	149° 43'.07 E	
	danger line, of width 0.6nm, enclosing:			
	(i) depth 5_2 fm	10° 36'.9 S	149° 45'.5 E	
	(ii) depth 7fm	10° 35'.2 S	149° 43'.7 E	
(iii) enclosing depth (a)				
(iv) position	10° 36'.4 S	149° 42'.3 E		
(v) thence to W border at latitude	10° 36'.1 S			

Delete	depth 5fm and enclosing contour	10° 37'.2 S	149° 41'.2 E
	depth 7fm and enclosing contour	10° 29'.3 S	149° 43'.8 E
	depth 14fm	10° 36'.0 S	149° 41'.6 E
	shoal area between	10° 37'.8 S	149° 45'.5 E
		10° 37'.2 S	149° 42'.0 E
	shoal area centred on	10° 34'.8 S	149° 43'.0 E
legend Unsurveyed (see Note) centred on	10° 33'.5 S	149° 44'.0 E	

Aus 567 [142/98]

Substitute	depth, 3 fm, enclosed by contour, for 10_2 fm	10° 29'.7 S	149° 48'.0 E
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105* AUSTRALIA - NORTHERN TERRITORY - Sir Edward Pellew Group - West Island - Rock.
S Hinchey (99/265). (AH 70/126)

Aus 305 [630/98]

Insert drying rock, enclosed by danger circle, height $\underline{2}_1m$, with
legend *Rep* (1999)

15° 30'.64 S 136° 38'.52 E

Aus 710 [596/98]

Insert drying rock, enclosed by danger circle, height $\underline{2}_1m$, with
legend *Rep* (1999)

15° 30'.64 S 136° 38'.52 E

Delete depth 6_6 m

15° 30'.7 S 136° 38'.7 E

106 INDONESIA - Timor - Pulau Jaco - Light.

List of Lights Vol K/99 -- 1371.50

Indonesian Notice 47/421/98. (AH 80/78)

Aus 311 [758/98]

Insert light, Fl. 3s 47m 14M

8° 26'.0 S

127° 20'.4 E

Aus 312 [44/99]

Insert light, Fl. 3s 47m 14M

8° 26'.0 S

127° 20'.4 E

107 INDONESIA - Sumbawa - Kelapa - Light.
BA Notice 51/4716/98 (98/22495). (AH 80/78)

Aus 414 [45/99]

Amend light, Fl. 18M & Iso. 30M

8° 40'.9 S

119° 14'.2 E

108* AUSTRALIA - TASMANIA - Burnie - Harbour works.
BPC (99/77). (AH 69/50)

Aus 163 (plan, Port of Burnie) [667/98]

Delete	legend berth No1	41° 03'.06 S	145° 55'.18 E
	legend Tanker Berth centred on	41° 03'.05 S	145° 55'.14 E
	delete pipeline, with legend Oil, between	41° 02'.92 S	145° 55'.01 E
		41° 03'.00 S	145° 54'.90 E

109* AUSTRALIA - VICTORIA - Port Phillip - Port regulations.
VCA (99/266). (AH 66/107)

Aus 143 [731/98]

Insert	radio reporting point, orientated 042°	38° 19'.30 S	144° 36'.25 E
	radio reporting point, orientated 285°	38° 18'.52 S	144° 45'.38 E
	radio reporting point, orientated 204°	38° 15'.70 S	144° 42'.55 E
	radio reporting point, orientated 080°/260°	38° 05'.00 S	144° 40'.00 E
	radio reporting point, orientated 001°/181°	37° 57'.15 S	144° 55'.46 E

Aus 143 (plan, The Rip)

Insert	radio reporting point, orientated 042°	38° 19'.30 S	144° 36'.25 E
	radio reporting point, orientated 204°	38° 15'.70 S	144° 42'.55 E

Aus 154 [54/99]

Substitute	precautionary area symbol, with legend (see Note), for legend Prohibited Anchorage Precautionary Area centred on	37° 52'.15 S	144° 55'.10 E
Insert	accompanying note	37° 49'.9 S	144° 55'.5 E
Move	radio reporting point to	37° 49'.92 S 37° 49'.83 S	144° 53'.87 E 144° 53'.91 E
Delete	radio reporting point	37° 50'.86 S 37° 50'.97 S	144° 54'.59 E 144° 55'.71 E

Aus 155 [380/98]

Move	radio reporting point to	37° 56'.30 S 37° 57'.15 S	144° 55'.45 E 144° 55'.46 E
Insert	pecked line between light, Fl. R. 2s west cardinal light beacon, Q(3) 15s, with topmark	37° 56'.10 S 37° 57'.00 S 37° 51'.95 S 37° 52'.18 S	144° 55'.56 E 144° 55'.53 E 144° 54'.98 E 144° 55'.48 E
Substitute	anchorage prohibited anchorage area for magenta pecked line between	37° 52'.07 S 37° 52'.58 S 37° 52'.58 S 37° 53'.02 S 37° 53'.02 S 37° 52'.42 S 37° 51'.94 S 37° 51'.94 S	144° 54'.78 E 144° 54'.78 E 144° 54'.90 E 144° 54'.90 E 144° 55'.52 E 144° 55'.45 E 144° 55'.06 E 144° 54'.98 E
	precautionary area symbol, with legend (see Note), for legend Prohibited Anchorage and Precautionary Area (see Note) centred on	37° 52'.45 S	144° 55'.15 E
Delete	radio reporting point	37° 50'.95 S 37° 51'.06 S	144° 54'.67 E 144° 55'.79 E
	magenta pecked line, with legend Port of Melbourne Authority Boundary, between	37° 51'.42 S 37° 51'.91 S 37° 52'.02 S 37° 56'.23 S 37° 56'.30 S 37° 52'.58 S 37° 52'.56 S 37° 52'.43 S	144° 57'.70 E 144° 57'.25 E 144° 55'.85 E 144° 55'.85 E 144° 54'.90 E 144° 54'.90 E 144° 54'.45 E 144° 54'.20 E

Aus 157 [598/98]

Insert	radio reporting point, orientated 080°/260°	38° 05'.00 S	144° 40'.00 E
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Aus 158 [731/98]

Insert	radio reporting point, orientated 042°	38° 19'.30 S	144° 36'.25 E
	radio reporting point, orientated 285°	38° 18'.52 S	144° 45'.38 E
	radio reporting point, orientated 204°	38° 15'.70 S	144° 42'.55 E

110* AUSTRALIA - VICTORIA - Port Phillip - Station Pier - Dredged depth.

Former Notice - 563(T)/97 is cancelled

Victorian Notice 78/98 (98/22369). (AH 66/22)

Aus 154 [109/99]

Insert	pecked line between	37° 50'.591 S	144° 55'.850 E
		37° 50'.675 S	144° 55'.820 E
	legend, 8.0m, centred on	37° 50'.63 S	144° 55'.84 E
Delete	pecked line between	37° 50'.591 S	144° 55'.850 E
		37° 50'.597 S	144° 55'.870 E

111(T)/99 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Light buoys.

Date - Until 15 May 1999

Port Kembla Port Corp (99/446). (*AH 99/18*)

Cardinal light buoys exist in positions as follows:

<i>Type</i>	<i>Characteristic</i>	<i>Lat</i>	<i>Long</i>
West	Q(9) 15s	34° 28'.46 S	150° 54'.57 E
West	Q(9) 15s	34° 28'.36 S	150° 54'.56 E
East	Q(3) 10s	34° 28'.36 S	150° 54'.65 E

Chart temporarily affected - Aus 195.

112(T)/99 AUSTRALIA - QUEENSLAND - Southport - Gold Coast Seaway - Light beacon re-established; light buoy removed.

*Former Notice - 549(T)/98 is cancelled
DOTQ Notice 32/99 (99/436). (AH 99/16)*

Cancel this notice on receipt.

Chart formerly affected - Aus 814

113(T)/99 AUSTRALIA - QUEENSLAND - Brisbane - Differential global positioning system.

Date - Until further notice

AMSA 1999/N/001 (99/438). (AH 99/12)

A trial Differential Global Positioning System (DGPS) has been established at Brisbane (27° 04'.21' S 153° 03'.20 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 294kHz, 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:

Brisbane 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 220 - Aus 235 - Aus 236 - Aus 237 - Aus 238 - Aus 241 - Aus 364 - Aus 365 - Aus 424 - Aus 426 - Aus 813 - Aus 814 - Aus 817.

114(T)/99 AUSTRALIA - QUEENSLAND - Moreton Bay - Redland Bay - Light beacon withdrawn.

Former Notice - 734(T)/98 is cancelled
DOTQ Notice 23/99 (99/302) (AH 99/16)

Cancel this notice on receipt.

Chart formerly affected - Aus 236

115(T)/99 AUSTRALIA - QUEENSLAND - Urangan - Dredging completed.

Former Notice - 602(T)/98 is cancelled

DOTQ Notice 28/98 (99/436). (AH 58/22)

Cancel this notice on receipt.

Chart formerly affected - Aus 241

116(T)/99 AUSTRALIA - QUEENSLAND - Great Sandy Strait - Moon Point Bank - Light beacon re-established.

Former Notice - 735(T)/98 is cancelled

DOTQ Notice 29/99 (99/436). (AH 99/16)

Cancel this notice on receipt.

Chart formerly affected - Aus 241 - Aus 817

117(T)/99 AUSTRALIA - QUEENSLAND - Gladstone - East Banks - Obstruction and light buoy removed.

Former Notice - 91(T)/99 is cancelled

DOTQ Notice 22/99 (99/302). (AH 58/126)

Cancel this notice on receipt.

Chart formerly affected - Aus 246 - Aus 819

118(T)/99 AUSTRALIA - QUEENSLAND - Clump Point - Waverider buoy.

Date - Until 31 January 2000

DOTQ Notice 6/99 (99/206). (AH 57/123)

A waverider light buoy, *F(5) Y. 20s*, exists in position 17° 52'.21 S 146° 11'.07 E.

Mariners are not to use the buoy as a mooring.

Chart temporarily affected - Aus 829.

119(T)/99 AUSTRALIA - QUEENSLAND - Luggar Passage - Buoy replaced.

Former Notice - 580(T)/98 is cancelled
DOTQ Notice 13/99 (99/206). (AH 99/13)

Cancel this notice on receipt.

Chart formerly affected - Aus 830

120(T)/99 AUSTRALIA - QUEENSLAND - Low Isles - Waverider buoy.

Former Notice - 740(T)/98 is cancelled

DOTQ Notice 7/99 (99/206). (AH 57/123)

A waverider light buoy, *F(5) Y. 20s*, exists in position 16° 23'.63 S 145° 34'.42 E.

Mariners are not to use the buoy as a mooring.

Chart temporarily affected - Aus 830 - Aus 831.

121(T)/99 AUSTRALIA - QUEENSLAND - Mission River - Bridge maintenance completed.

Former Notice - 708(T)/98 is cancelled

DOTQ Notice 11/99 (99/206). *(AH 70/50)*

Cancel this notice on receipt.

Chart formerly affected - Aus 4 - Aus 701

122(T)/99 AUSTRALIA - QUEENSLAND - Karumba - Dredging operations completed.

Former Notice - 358(T)/98 is cancelled

DOTQ Notice 12/99 (99/206). (AH 70/22)

Cancel this notice on receipt.

Chart formerly affected - Aus 303

123(T)/99 AUSTRALIA - NORTHERN TERRITORY - Darwin - Middle Arm - Obstruction; light buoys.

Date - Until 18 October 1999

Darwin Port Authority (99/393). (AH 60/126)

An obstruction, 2.0nm long and 0.2nm wide, exists in Middle Arm. The limits of the area is marked by light buoys as follows:

<i>Characteristic</i>	<i>Lat</i>	<i>Long</i>	<i>Remark</i>
Q. Y	12° 31'.1 S	130° 49'.5 E	NW corner
Fl. Y. 4s	12° 32'.7 S	130° 50'.7 E	SE corner
Fl. Y. 7s	12° 31'.8 S	130° 50'.2 E	centre E
Fl. Y. 7s	12° 31'.9 S	130° 50'.0 E	centre W

Chart temporarily affected - Aus 26 - Aus 28.

124(T)/99 WESTERN AUSTRALIA - Dampier Archipelago - Gas field.

Date - Until 1 July 1999

Woodside Energy Ltd (99/395). (*AH 64/101*)

FPSO *Cossack Pioneer* has been disconnected from the riser turret mooring (RTM) (19° 35'.4 S 116° 26'.7 E). The RTM protrudes 3 metres above the surface.

During the period vessels will be conducting maintenance activities within the general area of Wanaea field.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 327 - Aus 415 - Aus 741.

125(T)/99 WESTERN AUSTRALIA - Dampier - Depth information.

Former Notice - 196(T)/98 is cancelled

Dampier Port Authority (99/439). (AH 64/22)

Cancel this notice on receipt.

Chart formerly affected - Aus 57 - Aus 58 - Aus 59

126(T)/99 AUSTRALIA - VICTORIA - Port Phillip - St Leonards - Beacon re-established.

Former Notice - 465(T)/95 is cancelled

HS RAN (99/443). & Victorian Notice 69/98 (98/21855). (AH 99/21)

Note: Notice 66(T)/99 cancelled Notice 584(T)/95 Geelong Outer Harbour- Monitoring piles, these piles have been removed.

Cancel this notice on receipt

Chart formerly affected - Aus 157 - Aus 158

127(T)/99 AUSTRALIA - BASS STRAIT - Drilling rig.

Date - Until 31 August 1999

Esso Aust Ltd (99/282). (AH 59/101)

Drill rig *Sedco 702* is in position 38° 32'.5 S 148° 33'.2 E, vessels are requested to keep at least 1.5nm clear of the rig.

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 22 January 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

- 011 Cancelled.
- 012 Cancelled.
- 013 Cancelled.
- 014 Cancelled.
- 015 Cancelled.
- 016 Cancelled.
- 017 Cancelled.
- 018 S Coast. Seismic survey vessel *Sea Challenger* towing a 2.0nm cable in area 32° 20' S to 34° 20' S and 129° 00' E to 132° 00' E
- 019 NW Coast. Drill rig *Ocean Epoch* in position 19° 09'.21 S 116° 44'.8 E; 2.5 nm clearance requested.
- 020 Cancelled.
- 021 Cancelled.
- 022 Cancelled.
- 023 Cancelled.
- 024 NW Coast. Seismic survey vessel *Acadian Searcher* towing a 3.2nm cable in area 12° 41' S to 13° 20' S and 122° 15' E to 123° 05' E.
- 025 NW Coast. Seismic survey vessel *Nordic Explorer* towing a 2.5nm cable in area 20° 00' S to 20° 50' S and 115° 35' E to 116° 37' E.

NAVAREA X WARNINGS

- 003 Kimbe Island light K3486 (5° 12'.3 S 150° 22'.9 E) unlit.
- 004 Cape Gourdon light K3401.6 (4°23'.5S 145°18'.5E) unlit.
- 005 Cape Girgir light K3401.2 (3°49'.5S 144°33'.5E) unlit.
- 006 Lumus Island light K3510.7 (2°38'.0S 150°37'.7E) unlit.
- 007 Vutte Island light K3510.8 (2°39'.2S 150°37'.9E) unlit.
- 008 Steffen Strait light K3511 (2°42'.3S 150°37'.0E) unlit.
- 009 Drill rig *Sedco 703* in position 10° 37'.6 S 126° 01'.7 E; 2.5 nm clearance requested.
- 010 Cable laying vessel *Vercors* operating between 31° 40'.0 S 114° 10'.0 E and 6° 45'.8 S 103° 31'.0 E via waypoints 31° 14'.6 S 113° 00'.0 E, 24° 20'.4 S 106° 28'.7 E, 10° 54'.5 S 103° 28'.8 E and 7° 45'.0 S 103° 40'.7 E.

Navigational warnings in force as at 211400UTC JAN 99.

Auscoast

1998 268 285 310 327 328 330.

1999 001 002 009 010 018 019 024 025.

Navarea X

1998 017 040 043 045.

1999 002 003 004 005 006 007 008 009 010

Summary of mobile drilling rigs as at 211400UTC JAN 99.

Name	Position
Sedco 703	10° 37'.6 S 126° 01'.7 E
Ocean Bounty	11° 12'.1 S 126° 24'.6 E
Ocean Epoch	19° 09'.2 S 116° 44'.8 E
Stena Clyde	20° 00'.0 S 115° 38'.1 E
Ensco 56	20° 34'.2 S 115° 43'.5 E

NAVAREA XIV WARNINGS

- 004 Cancelled.
- 005 Tonga Islands. Current volcanic activity observed with steam and lava near charted shoal in position 20° 51'.2 S 175° 33'.0 W.
- 006 Cancelled.
- 007 Cancelled.
- 008 Fiji. Wakaya Reef light K4730 (17° 41' S 179° 05' E) unlit.

Navarea XIV warnings in force as at 210001UTC JAN 99.

1998 198.

1999 002 005 008

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
TASMAN SEA- Norfolk Island	Light	Argosy Norfolk Pty Ltd	