



Australian Notices to Mariners are the authority for correcting Australian Charts

# AUSTRALIAN NOTICES TO MARINERS

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## Notices 36-68

*List of Temporary and Preliminary Notices in force*

Published fortnightly by the Australian Hydrographic Service

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*Hydrographer of Australia*

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

**British Admiralty Notices to Mariners**  
**New Zealand Notices to Mariners**

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

*Bearings are referred to the true compass and are reckoned clockwise from 000° (North) to 359°: those relating to lights are given as seen by an observer from seaward. The range quoted for a light is its nominal range. Fog signals are sounded only during thick or foggy weather, unless otherwise stated. Depths are with reference to the chart datum of each chart. Heights are above mean high water springs or mean higher high water, as appropriate.*

*The capital letter (P) or (T) after the number of any notice denotes a preliminary or temporary notice respectively, which are contained separately at the end of the permanent notices. A star (\*) adjacent to the number of a notice indicates that the notice is based on original information.*

**Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 South Coast Mail Centre, NSW 2521 (Fax 02-4221 8599), e-mail [hni.hydro@navy.gov.au](mailto:hni.hydro@navy.gov.au) or, alternatively by filling in and submitting the **Hydrographic Notes** forms, immediately on the discovery of new dangers or suspected dangers to navigation. For changes or defects in aids to navigation notify AusSAR (Fax 02-6230 6868 or email [rcaus@amsa.gov.au](mailto:rcaus@amsa.gov.au)).**

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**36 AUSTRALIA - Miscellaneous correction.**  
AHS (01/10129). (AH99/243)

<b>Aus 40</b> [590/1995] Substitute <a href="#">accompanying note</a>	16° 11'.8 S	123° 39'.3 E
<b>Aus 109</b> [323/2001] Substitute <a href="#">accompanying note</a>	35° 05'.0 S	117° 51'.7 E
<b>Aus 125</b> [79/2001] Substitute <a href="#">accompanying note</a> outside N border		138° 29'.2 E
<b>Aus 302</b> [315/1999] Substitute <a href="#">accompanying note</a>	16° 00'.0 S	141° 34'.0 E
<b>Aus 331</b> [734/2000] Substitute <a href="#">accompanying note</a>	24° 31'.0 S	113° 48'.5 E
<b>Aus 342</b> [NE 7/03/1997] Substitute <a href="#">accompanying note</a>	32° 51'.5 S	135° 09'.5 E
<b>Aus 343</b> [224/2001] Substitute <a href="#">accompanying note</a>	36° 06'.0 S	134° 00'.0 E
<b>Aus 346</b> [716/2000] Substitute <a href="#">accompanying note</a>	37° 08'.5 S	135° 39'.0 E
<b>Aus 357A</b> [370/2000] Substitute <a href="#">accompanying note</a>	38° 16'.0 S	146° 41'.0 E
<b>Aus 445B</b> [475/1999] Substitute <a href="#">accompanying note</a>	38° 30'.0 S	143° 44'.5 E
<b>Aus 539</b> [179/2000] Substitute <a href="#">accompanying note</a>	3° 25'.0 S	152° 05'.5 E
<b>Aus 572</b> [315/2000] Substitute <a href="#">accompanying note</a>	7° 58'.0 S	148° 33'.0 E
Delete NOTES, centred on	7° 58'.0 S	148° 30'.0 E
<b>Aus 608</b> [760/1998] Substitute <a href="#">accompanying note</a>	10° 20'.5 S	106° 04'.0 E
<b>Aus 762</b> [396/1997] Substitute <a href="#">accompanying note</a>	33° 45'.5 S	121° 52'.0 E
<b>Aus 763</b> [NC 4/10/1991] Substitute <a href="#">accompanying note</a>	33° 48'.5 S	123° 22'.0 E

**37\* AUSTRALIA - NEW SOUTH WALES - Sydney to Japan - Submarine cable.**

Former Notice - 533(P)/2001 is cancelled

Global Marine Systems Pty Ltd (01/9780). (AH99/269)

**Aus 423 [722/2001]**

Insert submarine cable between

33° 53'.9 S 151° 16'.1 E  
33° 56'.7 S 151° 20'.9 E  
34° 08'.8 S 151° 35'.5 E  
34° 13'.7 S 151° 43'.0 E  
34° 24'.3 S 151° 55'.9 E  
34° 28'.9 S 152° 08'.9 E  
34° 30'.1 S 152° 16'.4 E  
34° 28'.9 S 152° 23'.2 E  
34° 27'.3 S 152° 25'.8 E  
34° 14'.6 S 152° 35'.0 E  
34° 06'.7 S 152° 38'.3 E  
33° 56'.0 S 152° 52'.3 E  
33° 55'.8 S 152° 53'.6 E  
33° 49'.5 S 153° 01'.7 E

submarine cable between

33° 43'.5 S 151° 17'.9 E  
33° 43'.5 S 151° 19'.6 E  
33° 42'.5 S 151° 20'.9 E  
33° 43'.6 S 151° 25'.4 E  
33° 44'.3 S 151° 26'.5 E  
33° 48'.1 S 151° 55'.3 E  
33° 49'.4 S 151° 58'.2 E  
33° 50'.0 S 152° 04'.0 E  
33° 49'.0 S 152° 13'.1 E  
33° 48'.0 S 152° 38'.4 E  
33° 50'.6 S 152° 45'.6 E  
33° 50'.8 S 152° 53'.7 E  
33° 49'.5 S 153° 01'.7 E  
33° 41'.2 S 153° 15'.8 E  
33° 37'.3 S 153° 20'.0 E  
33° 31'.3 S 153° 22'.4 E  
32° 49'.0 S 153° 50'.8 E

**Aus 424 [722/2001]**

Insert submarine cable between

33° 55'.0 S 152° 54'.6 E  
33° 49'.5 S 153° 01'.7 E

submarine cable between

33° 43'.5 S 151° 17'.9 E  
33° 43'.5 S 151° 19'.6 E  
33° 42'.5 S 151° 20'.9 E  
33° 43'.6 S 151° 25'.4 E  
33° 44'.3 S 151° 26'.5 E  
33° 48'.1 S 151° 55'.3 E  
33° 49'.4 S 151° 58'.2 E  
33° 50'.0 S 152° 04'.0 E  
33° 49'.0 S 152° 13'.1 E  
33° 48'.0 S 152° 38'.4 E  
33° 50'.6 S 152° 45'.6 E  
33° 50'.8 S 152° 53'.7 E  
33° 49'.5 S 153° 01'.7 E  
33° 41'.2 S 153° 15'.8 E  
33° 37'.3 S 153° 20'.0 E  
33° 31'.3 S 153° 22'.4 E  
31° 40'.8 S 154° 36'.0 E  
31° 32'.5 S 154° 44'.6 E  
31° 19'.5 S 154° 47'.9 E  
31° 04'.6 S 155° 01'.5 E  
30° 41'.5 S 155° 09'.8 E  
30° 23'.5 S 155° 13'.1 E  
29° 50'.1 S 155° 42'.7 E  
29° 42'.8 S 155° 55'.9 E  
29° 28'.1 S 156° 07'.1 E  
29° 19'.2 S 156° 16'.0 E  
29° 10'.8 S 156° 20'.1 E  
28° 55'.3 S 156° 19'.3 E  
27° 32'.0 S 156° 28'.5 E  
26° 52'.3 S 156° 29'.7 E

**Aus 424 (continued)**

Insert submarine cable between

26° 41'.3 S 156° 34'.0 E  
26° 03'.8 S 156° 38'.1 E  
25° 37'.8 S 156° 38'.4 E  
25° 25'.0 S 156° 40'.1 E

**Aus 4601 (INT 601) [NE 27/04/2001]**

Insert submarine cable between

33° 53'.9 S 151° 16'.1 E  
33° 56'.7 S 151° 20'.9 E  
34° 24'.3 S 151° 55'.9 E  
34° 30'.1 S 152° 16'.4 E  
34° 27'.3 S 152° 25'.8 E  
34° 14'.6 S 152° 35'.0 E  
34° 06'.7 S 152° 38'.3 E  
33° 49'.5 S 153° 01'.7 E

submarine cable between

33° 43'.5 S 151° 17'.9 E  
33° 42'.5 S 151° 20'.9 E  
33° 44'.3 S 151° 26'.5 E  
33° 48'.1 S 151° 55'.3 E  
33° 50'.0 S 152° 04'.0 E  
33° 48'.0 S 152° 38'.4 E  
33° 50'.0 S 152° 45'.6 E  
33° 50'.1 S 152° 53'.7 E  
33° 49'.5 S 153° 01'.7 E  
33° 37'.3 S 153° 20'.0 E  
33° 30'.0 S 153° 23'.3 E

**Aus 4602 (INT 602) [723/2001]**

Insert submarine cable between

33° 53'.9 S 151° 16'.1 E  
33° 56'.7 S 151° 20'.9 E  
34° 24'.3 S 151° 55'.9 E  
34° 30'.1 S 152° 16'.4 E  
34° 27'.3 S 152° 25'.8 E  
34° 14'.6 S 152° 35'.0 E  
34° 06'.7 S 152° 38'.3 E  
33° 49'.5 S 153° 01'.7 E

submarine cable between

33° 43'.5 S 151° 17'.9 E  
33° 42'.5 S 151° 20'.9 E  
33° 44'.3 S 151° 26'.5 E  
33° 48'.1 S 151° 55'.3 E  
33° 50'.0 S 152° 04'.0 E  
33° 48'.0 S 152° 38'.4 E  
33° 50'.0 S 152° 45'.6 E  
33° 50'.1 S 152° 53'.7 E  
33° 49'.5 S 153° 01'.7 E  
33° 37'.3 S 153° 20'.0 E  
31° 40'.8 S 154° 36'.0 E  
31° 32'.5 S 154° 44'.6 E  
31° 19'.5 S 154° 47'.9 E  
31° 04'.5 S 155° 01'.5 E  
30° 23'.5 S 155° 13'.0 E  
29° 50'.1 S 155° 42'.7 E  
29° 42'.8 S 155° 55'.9 E  
29° 10'.8 S 156° 20'.1 E  
26° 52'.3 S 156° 29'.7 E  
26° 41'.3 S 156° 34'.0 E  
25° 24'.8 S 156° 40'.2 E  
25° 17'.0 S 156° 44'.9 E  
25° 08'.1 S 156° 55'.3 E  
24° 49'.8 S 157° 03'.5 E  
23° 59'.7 S 158° 00'.4 E  
23° 41'.2 S 159° 02'.2 E  
23° 39'.3 S 159° 48'.3 E  
23° 32'.3 S 159° 57'.7 E  
22° 30'.6 S 160° 02'.9 E  
21° 11'.0 S 159° 59'.8 E  
20° 27'.2 S 159° 44'.2 E  
19° 57'.3 S 159° 43'.4 E  
19° 34'.4 S 160° 07'.5 E  
18° 48'.7 S 160° 22'.1 E  
17° 46'.9 S 160° 25'.0 E

**Aus 4602 (continued)**

Insert submarine cable between

17° 33'.4 S	160° 28'.4 E
16° 51'.1 S	160° 32'.5 E
16° 00'.0 S	161° 14'.9 E

**Aus 4604 (INT 604) [NE 17/08/2001]**

Insert submarine cable between

21° 00'.0 S	159° 55'.9 E
20° 27'.2 S	159° 44'.2 E
19° 57'.3 S	159° 43'.4 E
19° 34'.4 S	160° 07'.5 E
18° 48'.7 S	160° 22'.1 E
17° 46'.9 S	160° 25'.0 E
17° 33'.4 S	160° 28'.4 E
16° 51'.1 S	160° 32'.5 E
14° 03'.8 S	162° 50'.9 E
13° 36'.5 S	162° 57'.4 E
12° 56'.5 S	163° 21'.7 E
12° 34'.0 S	163° 43'.8 E
11° 57'.2 S	164° 05'.0 E
11° 46'.8 S	164° 15'.9 E
11° 36'.4 S	164° 15'.2 E
11° 24'.7 S	164° 18'.3 E
11° 15'.7 S	164° 15'.1 E
11° 04'.7 S	164° 18'.3 E
10° 52'.3 S	164° 16'.5 E
10° 38'.2 S	164° 08'.8 E
9° 36'.4 S	163° 56'.8 E
8° 53'.0 S	163° 45'.0 E
8° 42'.0 S	163° 35'.7 E
7° 50'.0 S	163° 17'.2 E
7° 38'.0 S	163° 15'.5 E
6° 36'.0 S	162° 49'.1 E
6° 13'.2 S	162° 30'.4 E
4° 59'.3 S	160° 27'.3 E
2° 53'.0 S	159° 00'.0 E
0° 06'.0 N	157° 41'.9 E

**38\* AUSTRALIA - NEW SOUTH WALES - Port Stephens - Military practice area.**

Airservices Australia DAH 29/11/01 (01/10124). (AH00/216)

**Aus 209 [666/2001]**Insert [accompanying note](#)  
legend, *Military Exercise Area* (see Note), in magenta,  
centred on

32° 46'.0 S	152° 04'.5 E
32° 43'.0 S	152° 00'.0 E

**39\* AUSTRALIA - QUEENSLAND - Cape Moreton - Wreck depth.**HMAS *Melville* (01/10125). (AH98/292)**Aus 235 [667/2001]**

Insert depth, 170m

26° 59'.45 S 153° 38'.52 E

**Aus 814 [488/2001]**

Insert depth, 170m

26° 59'.44 S 153° 38'.52 E

**40\* AUSTRALIA - QUEENSLAND - Cape Edgecombe - Wreck.**HMAS *Paluma* (01/10094). (AH98/288)**Aus 371 [522/2001]**Insert depth, 8fm, enclosed by danger circle, with legend *Wk*

19° 56'.88 S 148° 17'.25 E

Delete dangerous wreck

19° 57'.0 S 148° 17'.2 E

**Aus 825 [522/2001]**Insert depth, 8fm, enclosed by danger circle, with legend *Wk*

19° 56'.88 S 148° 17'.25 E

Delete dangerous wreck  
depth 10fm and enclosing contour

19° 57'.0 S	148° 17'.2 E
19° 56'.7 S	148° 17'.2 E

**Aus 826** [522/2001]  
 Insert depth, 14<sub>6</sub> m, enclosed by danger circle, with legend *Wk* 19° 56'.78 S 148° 17'.24 E  
 Delete dangerous wreck 19° 56'.9 S 148° 17'.3 E

**41\* AUSTRALIA - QUEENSLAND - Ellen Reef to Jacqueline Reef - Positions.**  
 Queensland Transport (01/10126). (AH99/175-02)

**Aus 371** [40/2002]  
 Insert legend, *Reefs in area Rep to lie 2.5 miles W (2001)*,  
 centred on 19° 17'.5 S 149° 05'.0 E

**42\* AUSTRALIA - QUEENSLAND - Halifax Bay - Light altered.**  
 Queensland Transport Notice 567/2001 (01/10123). (AH00/137-02)

**Aus 256** [567/2001]  
 Amend light to Q(2) 4s 5m 19° 09'.2 S 146° 38'.2 E

**Aus 371** [41/2002]  
 Amend light to Q(2) 4s 19° 09'.3 S 146° 38'.2 E

**Aus 827** [626/2001]  
 Amend light to Q(2) 4s 19° 09'.3 S 146° 38'.2 E

**43\* AUSTRALIA - QUEENSLAND - Lucinda - Light beacons; buoy withdrawn.**  
 Queensland Transport Notices 558 & 566/2001 (01/10114). (AH00/137-02)

**Aus 259 (plan, Port of Lucinda)** [672/2001]  
 Insert port lateral cylindrical light buoy, *Q. R*, with topmark 18° 31'.386 S 146° 19'.941 E  
 Substitute light, *Q. G Dn*, for dolphin 18° 31'.41 S 146° 19'.93 E  
 Delete isolated danger buoy 18° 30'.58 S 146° 18'.76 E  
 depth 6<sub>9</sub> m 18° 31'.37 S 146° 19'.97 E

**44\* AUSTRALIA - QUEENSLAND - Green Island - Wreck.**  
 HMAS *Mermaid* (01/10145). (AH98/288)

**Aus 262** [NC 31/08/2001]  
 Insert danger circle, with legend *Wk*, encircling depth 31m 16° 46'.47 S 145° 56'.94 E  
 Delete depth, 33m, with danger circle and legend *Wk* 16° 46'.7 S 145° 57'.0 E

**Aus 373** [701/2001]  
 Substitute depth, 17fm, for 18fm 16° 46'.6 S 145° 56'.9 E

**Aus 830** [720/2001]  
 Substitute depth, 31m, for 33m 16° 46'.6 S 145° 56'.9 E

**45\* AUSTRALIA - QUEENSLAND - Cameron Shoal to Beabey Patches - Depths.**  
 HMAS' *Betano* & *Mermaid* (01/5800). (AH99/175-02)

**Aus 374** [527/2001]  
 Substitute depth, 3<sub>2</sub> fm, for 2<sub>3</sub> fm 14° 03'.5 S 143° 56'.1 E  
 depth, 5<sub>5</sub> fm, for 4fm 14° 03'.2 S 143° 55'.7 E  
 depth, 3<sub>1</sub> fm, for 3fm 14° 01'.1 S 143° 49'.9 E

**Aus 833** [527/2001]  
 Substitute depth, 6<sub>3</sub> m, for 4<sub>6</sub> m 14° 03'.5 S 143° 56'.1 E  
 depth, 10<sub>6</sub> m, for 7<sub>3</sub> m 14° 03'.2 S 143° 55'.7 E  
 depth, 6m, for 5<sub>5</sub> m 14° 01'.1 S 143° 49'.6 E

**46\* PAPUA NEW GUINEA - Ava Point - Depth westward.**  
AHS (01/10095). (AH99/499)

**Aus 380** [543/2001]

Substitute depth, 29<sub>9</sub> fm 10° 31'.4 S 149° 34'.2 E

**47\* AUSTRALIA - QUEENSLAND - Cape Keerweer - Wreck.**

Former Notice - 417(T)/2001 is cancelled

Queensland Transport Notice 555/2001 (01/10025). (AH98/288)

**Aus 302** [36/2002]

Insert dangerous wreck 13° 41'.10 S 141° 29'.47 E

**48\* AUSTRALIA - NORTHERN TERRITORY - Hawkesbury Point - Depth.**

HMAS *Leeuwin* (01/10088). (AH99/388)

**Aus 17** [629/2001]

Insert depth, 9<sub>1</sub> m, enclosed by contour 11° 50'.33 S 134° 08'.34 E

**Aus 442** [628/2001]

Insert depth, 5<sub>fm</sub>, enclosed by contour 11° 50'.7 S 134° 08'.2 E

Delete depth 9<sub>fm</sub> 11° 50'.7 S 134° 08'.5 E

**49\* WESTERN AUSTRALIA - Hedley Island - Rock.**

FV *Jetline* (01/10146). (AH01/10146)

**Aus 320** [548/2001]

Insert rock, which covers and uncovers, enclosed by danger circle 14° 58'.2 S 124° 39'.9 E

Delete depth 19<sub>1</sub> m 14° 58'.4 S 124° 39'.8 E

**Aus 730** [548/2001]

Insert rock, which covers and uncovers, enclosed by danger circle, with legend *Rep* (2001) 14° 58'.2 S 124° 39'.9 E

Delete depth 19<sub>1</sub> m 14° 58'.4 S 124° 39'.8 E

**50\* WESTERN AUSTRALIA - Dampier - King Bay - Harbour development.**

Dampier Port Authority (01/8173). (AH01/40)

**Aus 59 (plan, Withnell Bay to King Bay)** [636/2001]

Insert [accompanying block](#) 20° 38'.0 S 116° 44'.8 E

**51\* WESTERN AUSTRALIA - Onslow - Leading lights.**

Transport WA (01/10147). (AH99/21-02)

**Aus 328** [707/2001]

Delete light 21° 38'.2 S 115° 06'.6 E  
leading line, with legend 150° 53', emanating from light 21° 38'.7 S 115° 07'.0 E

**Aus 743** [707/2001]

Delete light 21° 38'.1 S 115° 06'.7 E  
leading line, with legend 150° 53', emanating from light 21° 38'.6 S 115° 07'.0 E

**Aus 743 (plan, Approaches to Onslow)**

Delete light 21° 38'.08 S 115° 06'.71 E  
leading line, with legend 150° 53', emanating from light 21° 38'.64 S 115° 07'.03 E

**52\* WESTERN AUSTRALIA - King George Sound - Seal Island - Wreck.**  
Albany Port Authority (01/10024). Wreck is HMAS *Perth*. (AH98/221)

**Aus 109** [36/2002]

Insert dangerous wreck, with legend *Mast (Fl(4) Y. 8s)* 35° 04'.788 S 117° 58'.065 E

**Aus 110** [720/2001]

Insert dangerous wreck, with legend *Mast (Fl(4) Y. 8s)* 35° 04'.788 S 117° 58'.065 E

**Aus 118** [695/2001]

Insert dangerous wreck, with legend *Mast (Fl(4) Y)* 35° 04'.79 S 117° 58'.07 E

**53\* WESTERN AUSTRALIA - Princess Royal Harbour - Mooring buoy withdrawn.**  
Albany Port Authority (01/10023). (AH99/30)

**Aus 109** [52/2002]

Delete mooring buoy 35° 02'.86 S 117° 53'.86 E

**54\* SOUTH AUSTRALIA - Great Australian Bight to Kangaroo Island - Fishery.**  
SA Fisheries (01/9912). (AH99/453)

**Aus 342** [36/2002]

Insert [accompanying note](#) 32° 53'.5 S 135° 20'.0 E  
legend, *Rock Lobster and Giant Crab Fishery (see Note)*,  
centred on 34° 50'.0 S 134° 00'.0 E  
34° 56'.0 S 134° 50'.0 E

**Aus 343** [36/2002]

Insert [accompanying note](#) 36° 02'.0 S 134° 20'.0 E  
legend, *Rock Lobster and Giant Crab Fishery (see Note)*,  
centred on 34° 54'.0 S 134° 05'.0 E  
35° 36'.0 S 135° 40'.0 E  
36° 13'.0 S 136° 15'.0 E

**Aus 345** [423/2001]

Insert [accompanying note](#) 34° 25'.0 S 135° 56'.0 E  
legend, *Rock Lobster and Giant Crab Fishery (see Note)*,  
centred on 35° 44'.0 S 136° 05'.0 E

**Aus 346** [36/2002]

Insert [accompanying note](#) 37° 05'.0 S 136° 00'.0 E  
legend, *Rock Lobster and Giant Crab Fishery (see Note)*,  
centred on 35° 45'.0 S 135° 37'.0 E  
36° 17'.0 S 136° 10'.0 E  
36° 47'.0 S 137° 25'.0 E  
37° 09'.0 S 138° 10'.0 E

**Aus 347** [720/2001]

Insert legend, *Rock Lobster and Giant Crab Fishery (see Note)*,  
centred on 37° 04'.0 S 138° 35'.0 E

**55\* SOUTH AUSTRALIA - Nepean Bay - Marine farms.**  
Aquaculture SA (01/7325). (AH99/453)

**Aus 125 (plan, Eastern Cove and American River)** [36/2002]

Insert pecked line, with marine farm and legend (*see Note*),  
between 35° 46'.42 S 137° 47'.14 E  
35° 46'.50 S 137° 47'.26 E  
35° 46'.05 S 137° 47'.80 E  
35° 45'.96 S 137° 47'.68 E  
35° 46'.00 S 137° 47'.56 E  
35° 46'.24 S 137° 47'.26 E  
[accompanying note](#) outside N border 138° 30'.2 E

**Aus 780 [709/2001]**

Insert	marine farm	35° 44'.16 S	137° 38'.93 E
		35° 44'.34 S	137° 39'.84 E
		35° 44'.38 S	137° 41'.40 E
Delete	depth 1 <sub>4</sub> fm	35° 44'.1 S	137° 39'.9 E
	depth 1 <sub>3</sub> fm	35° 44'.2 S	137° 41'.4 E
	depth 0 <sub>2</sub> fm	35° 44'.4 S	137° 41'.8 E

**56\* SOUTH AUSTRALIA - Giles Point - Marine farms.**

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

**Aus 125 (plan, Edithburgh to Klein Point) [55/2002]**

Insert	marine farm	35° 02'.79 S	137° 46'.60 E
		35° 02'.02 S	137° 45'.88 E
		35° 04'.06 S	137° 44'.26 E
	pecked line, with marine farm and legend (see Note), between	35° 04'.14 S	137° 44'.38 E
		35° 03'.79 S	137° 44'.44 E
		35° 03'.57 S	137° 44'.98 E
		35° 03'.24 S	137° 45'.10 E
		35° 03'.22 S	137° 44'.86 E
		35° 03'.27 S	137° 44'.56 E
		35° 03'.38 S	137° 44'.20 E
		35° 02'.0 S	137° 46'.0 E
Delete	depth 6 <sub>3</sub> m	35° 02'.0 S	137° 46'.0 E

**57\* AUSTRALIA - VICTORIA - Port Phillip - Sandringham - Groynes; beacons.**

RANRDT6 (01/8750). (AH98/328, AH99/21-02)

**Aus 155 [608/2001]**

Insert	starboard lateral beacon, with topmark	37° 56'.23 S	144° 59'.55 E
		37° 56'.12 S	144° 59'.43 E
Move	underwater rock	37° 56'.15 S	144° 59'.54 E
		37° 56'.15 S	144° 59'.50 E
	underwater rock	37° 56'.04 S	144° 59'.41 E
		37° 56'.02 S	144° 59'.36 E

**Aus 155 (plan, Sandringham)**

Insert	firm line, with legend <i>Groyne</i> , between	37° 56'.569 S	144° 59'.832 E
		37° 56'.567 S	144° 59'.876 E
	firm line, with legend <i>Groyne</i> , between	37° 56'.508 S	144° 59'.817 E
		37° 56'.503 S	144° 59'.840 E
	firm line, with legend <i>Groyne</i> , between	37° 56'.498 S	144° 59'.854 E
		37° 56'.478 S	144° 59'.766 E
		37° 56'.469 S	144° 59'.788 E
	starboard lateral beacon, with topmark	37° 56'.469 S	144° 59'.810 E
		37° 56'.479 S	144° 59'.753 E

**58\* AUSTRALIA - VICTORIA - Port Phillip - Hobsons Bay - Groynes; beacons.**

RANRDT6 (01/8750). (AH98/328, AH99/21-02)

**Aus 154 [733/2001]**

Insert	firm line, with legend <i>Groyne</i> , between	37° 50'.385 S	144° 55'.401 E
		37° 50'.439 S	144° 55'.401 E
	firm line, with legend <i>Groyne</i> , between	37° 50'.379 S	144° 55'.242 E
		37° 50'.428 S	144° 55'.241 E
	firm line, with legend <i>Groyne</i> , between	37° 50'.383 S	144° 55'.125 E
		37° 50'.413 S	144° 55'.125 E
		37° 50'.445 S	144° 55'.129 E
	starboard lateral beacon, with topmark	37° 50'.452 S	144° 55'.402 E
		37° 50'.442 S	144° 55'.241 E
		37° 50'.457 S	144° 55'.131 E

**59\* AUSTRALIA - VICTORIA - Bass Strait - Shoal disproved.**  
HMAS *Hawkesbury* (01/9797). (AH99/214)

**Aus 357 [457/2001]**

Delete depth, 16fm Rep (1981), and enclosing contour 38° 55'.8 S 147° 59'.3 E

**Aus 357A [36/2002]**

Delete depth, 16fm Rep (1981), and enclosing contour 38° 55'.8 S 147° 59'.3 E

**Aus 358 [457/2001]**

Delete depth, 16fm Rep (1981), and enclosing contour 38° 55'.8 S 147° 59'.3 E

**Aus 422 [720/2001]**

Delete depth, 16fm Rep (1981), and enclosing contour 38° 55'.8 S 147° 59'.3 E

**Aus 445A [543/2001]**

Delete depth, 16fm Rep (1981), and enclosing contour 38° 55'.8 S 147° 59'.3 E

**Aus 4601 (INT 601) [37/2002]**

Delete depth, 29m and enclosing danger circle 38° 55'.8 S 147° 59'.3 E

**60 NEW ZEALAND - South Island - Timaru - Light discontinued.**

New Zealand Notice 30/247/2001 (01/10128). (AH99/47)

**Aus 4601 (INT 601) [59/2002]**

Delete light 44° 22'.6 S 171° 15'.0 E

**61(T)/2002 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Sea Reach - Dredging operations.**

*Former Notice - 447(T)/2001 is cancelled*

Queensland Transport Notice 562/2001 (01/10114). (AH99/343)

The dredge *John Francis* is operating between 24° 45'.30 S 152° 24'.44 E (No 8 beacon) and 24° 45'.30 S 152° 24'.00 E (No 10 beacon).

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

Mariners should keep well clear of the dredge.

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

**Chart temporarily affected – Aus 243.**

**62(T)/2002 AUSTRALIA - QUEENSLAND - Port Alma - Casuarina Creek - Moored vessel removed.**

*Former Notice - 585(T)/2001 is cancelled*

Queensland Transport Notice 561/2001 (01/10114). (AH99/176-02)

Cancel this notice on receipt.

**Chart formerly affected – Aus 247**

**63(T)/2002 AUSTRALIA - QUEENSLAND - Pioneer Bay - Abel Point - Reclamation works.**

*Date - Until 28 February 2002*

Queensland Transport Notice 577/2001 (01/10152). (AH00/237)

Reclamation for the construction of a revetment wall and stormwater outlet is underway in position 20° 15'.95 S 148° 42'.75 E.

Mariners are to keep clear of the operations.

**Chart temporarily affected – Aus 268.**

**64(P)/2002 AUSTRALIA - VICTORIA – Port Phillip - Geelong - City Channel - Light buoys.**

*Date - On or about 20 December 2001*

Victorian Notice 72/2001 (01/10155). (AH99/24)

Light buoys, with topmarks, will be established in positions as follows:

Port lateral, Q. R, 38° 08'.242 S 144° 21'.843 E

West cardinal, Q(9) 15s, 38° 08'.393 S 144° 21'.958 E.

**Chart which will be affected – Aus 157.**

**65(T)/2002 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne - Depth information.**

*Former Notice - 693(T)/2001 is cancelled*

Victorian Notice 70/2001 (01/10153). (AH99/209-02)

Available depths as at 6 December 2001:

<i>Berth</i>	<i>Metres</i>
Station Pier Outer East	10.2
Gellibrand Pier	12.1
No3 Webb Dock	9.9
No4 East Webb Dock	12.1
* No5 Yarraville Wharf	9.0
No6 Yarraville Wharf	10.2
No1 East Swanson Dock	12.9
No4 East Swanson Dock	12.7
No2 West Swanson Dock	13.1
No3 West Swanson Dock	12.7
B Appleton Dock	10.7
C Appleton Dock	10.7
D Appleton Dock	10.7
No25 Lower South Wharf	10.7
No26 Lower South Wharf	10.7

\*Indicates new or revised entry.

**Chart temporarily affected – Aus 154.**

**66(T)/2002 AUSTRALIA - VICTORIA - Bass Strait - Traffic separation scheme adjustment.**  
AMSA (01/10273). (AH99/514)

The Traffic Separation Scheme "In The Bass Strait" will be temporarily adjusted from 1 March 2002.

The temporary change involves widening the separation zone to 6M and shifting the east bound lane 4.5M to the south. The west bound lane remains unchanged.

Revised geographical co-ordinates (AGD 66) are as follows:

A separation zone 6M wide centred on:

1. 38° 43'.40 S 148° 21'.66 E
2. 38° 46'.33 S 148° 16'.37 E
3. 38° 48'.32 S 148° 10'.17 E

A traffic lane for west bound vessels between the separation zone and a line connecting the following:

4. 38° 38'.50 S 148° 17'.50 E
5. 38° 41'.80 S 148° 13'.20 E
6. 38° 42'.80 S 148° 07'.30 E

A traffic lane for east bound vessels between the separation zone and a line connecting the following:

7. 38° 53'.92 S 148° 13'.03 E
8. 38° 51'.72 S 148° 20'.09 E
9. 38° 48'.40 S 148° 26'.17 E

The [accompanying diagram](#) is compiled from chart Aus 357A.

**Chart temporarily affected – Aus 357 – Aus 357A – Aus 358 – Aus 422 – Aus 445A.**

**67(P)/2002 AUSTRALIA - VICTORIA - Mallacoota - Differential global positioning system.**

Date - On or about 14 December 2001

AMSA ATH 2001/20 (01/10150). (AH99/25)

The DGPS station at Mallacoota will commence operations on a trial basis, with the following characteristics:

Position	37° 34'.12 S 149° 44'.02 E
Transmit Frequency	318 kHz
Tx Rate	200bps
Reference Station ID	013
Transmit Station ID	713
Nominal Range	200 M
Integrity Monitoring	Yes
Status	Operational on trial
Transmitted Message Type	3, 5, 6, 7, 9, 16

The status of the station will remain as indicated until the range and operational parameters are confirmed.

**Chart which will be affected – Aus 148 – Aus 150 – Aus 179 – Aus 181 – Aus 182 – Aus 191 – Aus 193 – Aus 356 – Aus 357 – Aus 357A – Aus 359 – Aus 360 – Aus 422 – Aus 423 – Aus 445A – Aus 445B – Aus 798 – Aus 801 – Aus 802 – Aus 806 – Aus 807 – Aus 808 – Aus 4060 – Aus 4074 – Aus 4601 – Aus 4602.**

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

Former Notice - 592(T)/2001 is cancelled

AHS (01/10294). (AH99/253)

<i>Notice</i>	<i>Charts affected</i>	<i>Locality and Subject</i>
		<b>BASS STRAIT</b>
		<i>Five Mile Bluff to Ninety Mile Beach</i>
718/2001	Aus167-356-357-357A-422-445A-799	Pipeline
		<b>CORAL SEA</b>
		<i>Lihou Reef</i>
653/2001	Aus614.....	Shoals
		<b>NEW SOUTH WALES</b>
		<i>Green Cape to Point Danger</i>
183/2001	Aus806-807-808-812-813	Scientific instruments
		<i>Tweed River</i>
689/1999	Aus814.....	Waverider buoy
746/2000	Aus220-813-814.....	Dredging
		<b>NORTHERN TERRITORY</b>
		<i>Beagle Bay to Troubadour Shoals</i>
505/2001	Aus309-310-311-411-413-722	Scientific instruments
		<i>Darwin</i>
283/1999	Aus26.....	Obstruction; light buoys
83/2000	Aus26-28.....	Shoaling
109/2000	Aus28.....	Depth information
87/2001	Aus26.....	Artificial reef; buoy
		<i>Sahul Banks</i>
655/2001	Aus310.....	Scientific instruments
		<b>QUEENSLAND</b>
		<i>Brisbane River</i>
51/2000	Aus237.....	Dredging operations
154/2001	Aus238.....	Light buoy
411/2001	Aus237.....	Pipeline; mooring buoy removed
440/2001	Aus236-237.....	Light buoy
583/2001	Aus238.....	Bridge construction
680/2001	Aus236-237.....	Harbour works
681/2001	Aus237-238.....	Harbour works
711/2001	Aus237-238.....	Depth information
		<i>Bundaberg</i>
662/2000	Aus243.....	Depth information
609/2001	Aus243-366-817-818.....	Buoyage
682/2001	Aus243.....	Shoal
61/2002	Aus243.....	Dredging operations
		<i>Cairns</i>
376/2001	Aus263-830.....	Depth information
		<i>Cairns to White Cliffs</i>
503/2001	Aus830.....	Sea trials
		<i>Cape Flattery</i>
504/2001	Aus832.....	Harbour works
		<i>Chicken Reef</i>
272/2001	Aus372.....	Scientific instrument northeastward
		<i>Cooktown</i>
380/2001	Aus831.....	Light beacon destroyed; light buoy
686/2001	Aus831.....	Depth information

<b>249/2000</b>	Aus244-245.....	<i>Gladstone</i> Harbour works
<b>610/2001</b>	Aus244-245-246.....	Depth information
<b>606/2000</b>	Aus373-831.....	<i>Great Barrier Reef</i> Scientific instrument eastward
<b>712/2001</b>	Aus241-817.....	<i>Great Sandy Strait</i> Light buoys
<b>448/2001</b>	Aus250.....	<i>Hay Point</i> Depth information
<b>86/2001</b>	Aus6.....	<i>Karumba</i> Light beacon destroyed; light buoy
<b>688/2001</b>	Aus6.....	Depth information
<b>613/2001</b>	Aus259.....	<i>Lucinda</i> Obstruction
<b>611/2001</b>	Aus250.....	<i>Mackay</i> Depth information
<b>635/2000</b>	Aus256-827.....	<i>Magnetic Island</i> Works in progress
<b>122/2001</b>	Aus256.....	Dredging; light beacons
<b>157/2001</b>	Aus236.....	<i>Moreton Bay</i> Light beacon destroyed; light buoy
<b>333/2001</b>	Aus236.....	Light beacon destroyed; light buoy
<b>409/2001</b>	Aus236.....	Leading light destroyed; light buoy
<b>438/2001</b>	Aus235-236-814.....	Wreck
<b>580/2001</b>	Aus236-237.....	Dredging; lit mooring buoy
<b>646/2001</b>	Aus235.....	Seabed leveling operations
<b>710/2001</b>	Aus236.....	Dredging
<b>499/2001</b>	Aus235-236-237-238-814	<i>Moreton Bay and Brisbane River</i> Depth information and keel clearances
<b>685/2001</b>	Aus829.....	<i>Mourilyan</i> Depth information
<b>482/2001</b>	Aus822.....	<i>Percy Isles</i> Rocks
<b>63/2002</b>	Aus268.....	<i>Pioneer Bay</i> Reclamation works
<b>273/2001</b>	Aus828.....	<i>Pith Reef</i> Scientific instrument northwestward
<b>81/2001</b>	Aus4-236-247-249-251-256-365-814-829-830	<i>Point Danger to Weipa</i> Scientific instruments
<b>539/2000</b>	Aus247.....	<i>Port Alma</i> Depth information
<b>636/2000</b>	Aus830.....	<i>Port Douglas</i> Depth information
<b>714/2001</b>	Aus247.....	<i>Roslyn Bay</i> Shoaling
<b>687/2001</b>	Aus293-299.....	<i>Thursday Island</i> Depth information
<b>270/1998</b>	Aus256-257.....	<i>Townsville</i> Shoaling
<b>587/2001</b>	Aus256-257.....	Dredging
<b>612/2001</b>	Aus256-257.....	Depth information

<b>405/2000</b>	Aus251 .....	<i>Victor Creek</i> Light beacon destroyed; light buoy
<b>545/2000</b>	Aus4.....	<i>Weipa</i> Depth information
<b>SOUTH AUSTRALIA</b>		
<b>161/2001</b>	Aus781 .....	<i>Barcoo</i> Obstruction
<b>302/2001</b>	Aus125-781 .....	<i>Glenelg</i> Light buoys
<b>690/2001</b>	Aus4727 .....	<i>Great Australian Bight</i> Scientific instruments
<b>715/2001</b>	Aus344-777-778.....	<i>Middle Bank</i> Racon to be established
<b>589/2001</b>	Aus137-781 .....	<i>North Haven</i> Dredging operations; light buoys
<b>716/2001</b>	Aus780-781 .....	<i>Port Vincent</i> Yachting buoys
<b>717/2001</b>	Aus127-347 .....	<i>Robe</i> Racon to be established
<b>700/2000</b>	Aus120.....	<i>Thevenard</i> Light beacon altered; light buoy
<b>300/2001</b>	Aus127-778-781 .....	<i>Yaraville Shoal to Cape Jaffa</i> Lights
<b>TASMANIA</b>		
<b>254/2000</b>	Aus173.....	<i>D'Entrecasteaux Channel</i> Fish farm
<b>110/2000</b>	Aus172.....	<i>Hobart</i> Depth information
<b>339/1997</b>	Aus167 .....	<i>Port Dalrymple</i> Shoal depth
<b>111/2000</b>	Aus170.....	<i>Spring Bay</i> Depth information
<b>VICTORIA</b>		
<b>341/2001</b>	Aus141 .....	<i>Apollo Bay</i> Harbour works
<b>750/2001</b> <b>66/2002</b>	Aus349-445B .....	<i>Bass Strait</i> Scientific instruments
	Aus357-357A-358-422-445A	Traffic separation scheme adjustment
<b>748/2001</b>	Aus140-786.....	<i>Cape Sir William Grant</i> Obstruction
<b>342/1997</b>	Aus181 .....	<i>Corner Inlet</i> Shoaling
<b>304/2001</b>	Aus358-359-806.....	<i>Gabo Island</i> Fish farm westward; buoy
<b>64/2002</b>	Aus157 .....	<i>Geelong</i> Light buoys
<b>515/2001</b>	Aus182-357-357A.....	<i>Lakes Entrance</i> Leading lights

**67/2002** Aus148-150-179-181-182-191-193-356-357-357A-359-360-422-423-445A-445B-798-801-802-806-807-808-4060-4074-4601-4602  
*Mallacoota*  
Differential global positioning system

**420/1998** Aus157-158.....  
**774/1998** Aus143-157.....  
**110/2001** Aus143-155.....  
**162/2001** Aus143-157.....  
**211/2001** Aus157.....  
**238/2001** Aus154.....  
**420/2001** Aus143-158.....  
**559/2001** Aus157.....  
**591/2001** Aus143-158.....  
**658/2001** Aus143-158.....  
**65/2002** Aus154.....  
*Port Phillip*  
Beacon destroyed  
Buoy off station  
Light buoy relocated  
Prohibited area; beacons  
Shoaling  
Harbour works  
Shoaling  
Depth information  
Shoaling; light buoy  
Prohibited area; special buoy  
Depth information

**590/2001** Aus140.....  
*Portland*  
Depth information

**139/1997** Aus151-152.....  
**91/2001** Aus150-151.....  
**560/2001** Aus150.....  
*Western Port*  
Depth information  
Shoaling  
Light beacon destroyed; light buoy

## **WESTERN AUSTRALIA**

**616/2000** Aus109.....  
*Albany*  
Harbour works

**63/2001** Aus114-117.....  
*Cockburn Sound*  
Harbour works

**539/2001** Aus119.....  
*Esperance*  
Harbour works

**482/2000** Aus113.....  
**512/2000** Aus113.....  
*Fremantle*  
Light buoys; light moved  
Depth information

**510/2001** Aus81.....  
**538/2001** Aus81.....  
**617/2001** Aus81.....  
*Geraldton*  
Scientific instrument  
Pile driving operations  
Light buoys

**387/2001** Aus114-117.....  
*Jervoise Bay*  
Dredging

**484/2001** Aus109-110-112-753-754-756.....  
*Jurien Bay to Albany*  
Scientific instruments

**689/2001** Aus327-328-329-744.....  
*North West Cape*  
Scientific instruments

**126/2001** Aus55-56.....  
*Port Walcott*  
Dredging; light buoy

**656/2001** Aus327.....  
*Rankin Bank*  
Oilfield development northeastward

**609/2000** Aus312.....  
*Sahul Banks*  
Scientific instrument

**507/2001** Aus4603.....  
*Scott Reef*  
Scientific instrument

**561/2001** .....  
**MISCELLANEOUS**  
Summer time

**PAPUA NEW GUINEA**

<b>570/1999</b>	Aus399-461-683-684-4622	<i>Bougainville Island</i> Buoyage
<b>197/2000</b>	Aus388-389-651 .....	<i>Cape Girgir to Muschu Island</i> Lights unlit
<b>654/2001</b>	Aus384-385-519-520 .....	<i>Cape Nelson</i> Lights unlit
<b>255/2001</b>	Aus385-520-572-4620-4621-4622	<i>Cape Nelson to Cape Ward Hunt</i> Buoyage
<b>198/2000</b>	Aus376-378-840 .....	<i>Daru to Bristow Island</i> Lights unlit
<b>588/2001</b>	Aus625 .....	<i>Kwato Eina Kaba Kwasi Shoal</i> Beacon destroyed
<b>566/1999</b>	Aus523 .....	<i>Lae</i> Depth
<b>194/2000</b>	Aus385-523-4622 .....	Light unlit
<b>572/1999</b>	Aus462-576-662-4622 .....	<i>Manus Island</i> Lights destroyed
<b>670/1997</b>	Aus680 .....	<i>New Britain</i> Siltation
<b>568/1999</b>	Aus547 .....	Light beacon destroyed
<b>195/2000</b>	Aus547 .....	Light beacons unlit
<b>571/1999</b>	Aus666-667 .....	<i>New Ireland</i> Light beacons destroyed
<b>338/2001</b>	Aus385-523-4620-4622 .....	<i>Parsee Point</i> Light unlit
<b>337/2001</b>	Aus628 .....	<i>Raven Channel</i> Light beacon unlit
<b>193/2000</b>	Aus379-380-505-620 .....	<i>Redscar Bay to Port Moresby</i> Lights unlit and racon non operational
<b>564/1999</b>	Aus380-506 .....	<i>Rothery Passage</i> Light beacon destroyed

### III

#### NAVIGATION WARNINGS

The following radio messages have been received during the period to 21 December 2001. Signal copies of these messages may be destroyed. It is recommended that the reprint of Navigational Warnings should be kept in a file or a book divided into areas. Cancellation should be made on receipt of signals and reprints.

Rigs on location other than those listed in the latest Section III summary are the subject of Radio Navigational Warnings. Rigs in transit will not be the subject of Warnings.

#### AUSCOAST WARNING

- 311 NW Coast. Drill rig *Sedco 702* in position 21° 12'.6 S 114° 38'.1 E. 2.5M clearance requested.
- 312 NW Coast. Seismic survey vessel *Geco Resolution* towing 5 by 2.5M cable in area 22° 46' S to 23° 04' S and 113° 05' E to 113° 25' E.
- 313 E Coast. Jervis Bay two moored exercise mines at a depth of 8 meters laid in positions 35° 04'.1 S 150° 44'.4 E and 35° 05'.9 S 150° 44'.5 E.
- 314 Cancelled.
- 315 Cancelled.
- 316 NW Coast. research vessel *Petr Kottsov* conducting bathymetric operations in area 13° 10' S to 15° 40' S and 119° 40' E to 122° 15' E. 3.2M cable may be towed.
- 317 SE Coast. Seismic survey vessel *Geco Beta* towing eight 3M cables in area 38° 02' S to 38° 30' S and 147° 20' E to 148° 45' E.
- 318 Cancelled.
- 319 Cancelled.
- 320 Cancelled.
- 321 E Coast. CLV *Canning Tide* conducting cable laying operations in area 33° 45' S to 33° 52' S and 151° 43' E and 152° 08' E.
- 322 SE Coast. Seismic survey vessel *Geco Artic* towing 4M cable in area 38° 20' S to 39° 12' S and 148° 45' E to 149° 25' E.

#### NAVAREA X WARNINGS

Nil issued.

#### Navigational warnings in force as at 201500UTC DEC 01.

##### Auscoast

250 291 293 295 297 310 311 312 313 316 317 321 322.

##### Navarea X

013 016 017.

#### Summary of mobile drilling rigs as at 201500UTC DEC 01.

Name	Position
Ocean General	11° 51'.8 S 124° 54'.5 E
Sedco 703	14° 10'.0 S 122° 33'.0 E
Ensco 56	29° 28'.0 S 114° 52'.1 E
Sedco 702	21° 12'.6 S 114° 38'.1 E

#### NAVAREA XIV WARNINGS

- 254 Cancelled.
- 255 Cancelled.
- 256 Cancelled.
- 257 Cancelled.
- 258 Cancelled.
- 259 Cancelled.
- 260 Fiji. Kadavu Island (Great Astrolabe Reef). Volcanic activity reported in position 18° 46'.5 S 179° 10'.8 E. Large areas of floating pumice (15M by 15M) reported to extend 200M westward to 19° 00' S 176° 0' E.
- 261 Cancelled.
- 262 Cancelled.
- 263 New Zealand. North Island. Southwest coast. Seismic survey operations by up to seven vessels during daylight hours in area 39° 37' S to 39° 52' S and 174° 15' E to 174° 32' E.

#### Navarea XIV warnings in force as at 200001UTC DEC 01.

260 263.

IV

**HYDROGRAPHIC REPORTS**

Nil