



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 389-423

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 Hydro.NTM@defence.gov.au or, alternatively by filling in and submitting the [Hydrographic Notes](#) forms located on the web site – www.hydro.gov.au), 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 rcausa@amsa.gov.au).

Copies of these notices can be obtained from the AUSTRALIAN HYDROGRAPHIC OFFICE, 8 Station Street, Wollongong, and Agents for the sale of charts and hydrographic publications.

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Edition No 13

28 June 2002

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389 AUSTRALIA – Publications.

AHS (02/3507, 3508, 3488 & 3862). (AH99/229-02, AH99/226-02, AH99/139-02, AH01/142)

New chart

| Chart | Published | Title, limits and description of amendments | Scale | Folio | Index Chart | Price |
|---------|-----------|--|--------------------------|-------|-------------|---------|
| Aus 148 | 3/5/2002 | Australia – Bass Strait - Plans in Bass Strait Plan: Hogan Group 39°10' 14" S - 39° 17' 30" S 146° 54' 09" E - 147° 05' 30" E Kent Group 39° 24' 30" S - 39° 31' 00" S 147° 14' 31" E - 147° 25' 54" E New chart incorporating existing coverage of the Kent Group with improved coverage of the Hogan Group. The chart is referred to WGS84 datum and LAT. | 1:25 000 1:25 000 | 6 | Aus 65001 | \$25.65 |

New edition

| Chart | Published | Title and description of amendments | Scale | Folio | Index Chart | Price |
|--------|-----------|--|----------|-------|-------------|---------|
| Aus 55 | 3/5/2002 | Australia – North West Coast – Western Australia – Approaches to Port Walcott General updating throughout, including new harbour works and pilotage amendments. The chart is referred to WGS84 datum. | 1:50 000 | 3 | Aus 65000 | \$25.65 |

Electronic Navigaton Chart (ENC) to be published shortly

| Cell Name | Title |
|-----------|--|
| AU410143 | Torres Strait – Dove Islet to Bramble Cay (Great North East Channel) |
| AU410144 | Coral Sea - Eastern Approaches to Great North East Channel |
| AU411140 | Arafura Sea - Western Approaches to Carpentaria Shoal |
| AU411141 | Arafura Sea – Larpent Bank to Carpentaria Shoal |
| AU499142 | Torres Strait – Tern Islet to Larpent Bank |
| AU411143 | Torres Strait – Dugong Island to Dove Islet (Great North East Channel) |
| AU412141 | Gulf of Carpentaria – North-South Transit |
| AU412142 | Great Barrier Reef Inner Route – Viking Reef to Tern Islet |
| AU412143 | Great Barrier Reef Inner Route – Cape Grenville to Viking Reef |
| AU413141 | Gulf of Carpentaria – Approaches to Weipa |
| AU5_4P1 | Gulf of Carpentaria – Port of Weipa |
| AU413143 | Great Barrier Reef Inner Route – Gallon Reef to Cape Grenville |
| AU4_834 | Great Barrier Reef Inner Route – Claremont Isles to Cape Weymouth |

Admiralty Publication

| NP No | Title | Date | RRP(UK) | Remarks |
|--------|--|---------|---------|---|
| NP 14 | Australian Pilot Volume II (Eighth Edition). | 6/12/01 | £37.00 | This edition supersedes Australia Pilot Volume II (Seventh Edition 1999). |
| NP 283 | Admiralty List of Radio Signals. Maritime Safety Information Services. Part 2: The Americas, Australasia, Greenland, Iceland, Malaysia, Indonesia and the Philippines. | 30/5/02 | £28.95 | The 2001/02 edition of NP 283(2) is thereby cancelled. |

Chart permanently withdrawn

| Chart | On publication of new chart/edition |
|---------|-------------------------------------|
| Aus 55 | Aus 55 |
| Aus 148 | Aus 148 |

390 AUSTRALIA - Publication - Amendment to Annual Notice No 6.

Bureau of Meteorology (02/3157 & 02/3457). (AH99/71)

Substitute [accompanying pages](#) for pages 34 to 46 of Annual Australian Notices to Mariners 2002.

391 AUSTRALIA - Publication – Australian Mariners Handbook.

AHS (02/3458). (AH02/53)

The Australian Hydrographic Service is developing new Nautical Publications for the maritime industry. To assist in the process a [questionnaire is attached](#); recipients of Notices to Mariners are asked to complete the questionnaire and return to the AHS. The questionnaire can also be accessed on the AHS web site www.hydro.gov.au/feedback.

392 AUSTRALIA - Miscellaneous corrections.

AHS (02/2472 & 02/3505). (AH99/175-02)

Aus 289 [300/2002]Substitute [accompanying note](#) 10° 35'.7 S 141° 57'.3 E**Aus 296 [300/2002]**Substitute [accompanying note](#) 10° 28'.9 S 141° 31'.3 E**Aus 357 [368/2002]**

| | | | |
|-------|----------------|--------------|---------------|
| Amend | magenta limits | | |
| | North | 39° 24'.59 S | |
| | South | 39° 31'.09 S | |
| | East | | 147° 25'.82 E |
| | West | | 147° 14'.44 E |

Aus 357A [368/2002]

| | | | |
|-------|----------------|--------------|---------------|
| Amend | magenta limits | | |
| | North | 39° 24'.59 S | |
| | East | | 147° 25'.83 E |
| | West | | 147° 14'.45 E |

Aus 700 [300/2002]Substitute [accompanying note](#) 11° 15'.0 S 142° 12'.2 E**Aus 802 [283/2002]**

| | | | |
|--------|---|--------------|---------------|
| Insert | magenta limits, with legend <i>Aus 148</i> in NW corner | | |
| | North | 39° 10'.32 S | |
| | South | 39° 17'.59 S | |
| | East | | 147° 05'.42 E |
| | West | | 146° 54'.07 E |

Amend magenta limits

| | | |
|-------|--------------|---------------|
| North | 39° 24'.59 S | |
| South | 39° 31'.09 S | |
| West | | 147° 14'.44 E |

393* AUSTRALIA - NEW SOUTH WALES - Port Jackson - Bedlam Point - Beacons.

NSW Waterways (02/3037). (AH99/19-03)

Aus 203 [99/2002]

| | | | |
|--------|--|-------------------|----------------|
| Insert | beacon, with legend <i>2Bns</i> | (a) 33° 50'.569 S | 151° 07'.694 E |
| | pecked line from (a) in direction 116° for 350m, with legend <i>296°</i> | | |

394* AUSTRALIA - QUEENSLAND - Maryborough - Pilotage area.
Queensland Transport (02/3506). (AH99/137)

Aus 365 [425/2001]

| | | | |
|--------|---|--------------|---------------|
| Insert | magenta pecked line, with legend <i>Maryborough Pilotage Area</i> , between | 24° 51'.10 S | 152° 42'.00 E |
| | | 24° 45'.00 S | 152° 45'.00 E |
| | | 24° 45'.00 S | 153° 10'.45 E |
| | magenta pecked line, with legend <i>Maryborough Pilotage Area</i> , between | 25° 45'.00 S | 153° 05'.35 E |
| | | 25° 45'.00 S | 153° 08'.00 E |
| | | 25° 55'.70 S | 153° 11'.15 E |

Aus 366 [104/2002]

| | | | |
|--------|---|--------------|---------------|
| Insert | magenta pecked line, with legend <i>Maryborough Pilotage Area</i> , between | 24° 46'.17 S | 152° 44'.40 E |
| | | 24° 45'.00 S | 152° 45'.00 E |
| | | 24° 45'.00 S | 153° 10'.45 E |

Aus 817 [269/2002]

| | | | |
|-------|---|--------------|---------------|
| Amend | magenta pecked line, with legend <i>Maryborough Pilotage Area</i> , between | 25° 45'.00 S | 153° 08'.00 E |
| | | 25° 50'.00 S | 153° 09'.50 E |

395* AUSTRALIA - QUEENSLAND - Rollingstone Creek – Light buoy.
Queensland Transport Notice 194/2002 (02/3526). (AH99/13)

Aus 827 [42/2002]

| | | | |
|------------|---|--------------|---------------|
| Substitute | safe water cylindrical light buoy, <i>Iso. 2s</i> , with topmark for special light buoy | 19° 00'.19 S | 146° 24'.53 E |
|------------|---|--------------|---------------|

396* AUSTRALIA - TORRES STRAIT - Horn Island - Jardine Rock - Light beacon; light buoy permanently removed.
Queensland Transport Notice 172/2002 (02/3273 & 02 3394). (AH00/137-02)

Aus 292 [127/2002]

| | | | |
|--------|---|--------------|---------------|
| Insert | light beacon, <i>Fl. R. 2.5s</i> , with rectangular topmark | 10° 39'.05 S | 142° 15'.79 E |
| Delete | port lateral light buoy | 10° 39'.1 S | 142° 15'.8 E |

Aus 294 [695/2001]

| | | | |
|--------|---|--------------|---------------|
| Insert | light beacon, <i>Fl. R. 2.5s</i> , with rectangular topmark | 10° 39'.05 S | 142° 15'.79 E |
| Delete | port lateral light buoy | 10° 39'.1 S | 142° 15'.8 E |

Aus 700 [392/2002]

| | | | |
|------------|--|--------------|---------------|
| Substitute | light beacon, <i>Fl. R. 2.5s</i> , with rectangular topmark, for port lateral light buoy | 10° 38'.96 S | 142° 15'.85 E |
|------------|--|--------------|---------------|

397* PAPUA NEW GUINEA - Cape Nelson - Hall Point - Depth.
HMAS *Benalla* (02/3450). (AH01/15)

Aus 384 [233/2002]

Insert depth, $17_{8} m$ 9° 01'.77 S 149° 20'.85 E

Delete depth 17m and legend Rep (1979) 9° 01'.8 S 149° 21'.0 E

Aus 385 [98/2002]

Substitute depth, $9_{4} fm$, for depth $9_{2} fm$ and legend Rep (1979) 9° 02'.0 S 149° 20'.6 E

Aus 519 [233/2002]

Insert depth, $17_{8} m$ 9° 01'.77 S 149° 20'.85 E

Delete depth $17_{1} m$ and legend Rep (1979) 9° 01'.8 S 149° 21'.0 E

Aus 520 [423/2001]

Substitute depth, $9_{4} fm$, for depth $9_{2} fm$ and legend Rep (1979) 9° 01'.95 S 149° 20'.55 E

398* WESTERN AUSTRALIA - Fremantle - Gage Roads - Anchorage berth.

WA Notice 5/2002 (02/3353). (AH00/25)

Aus 112 [278/2002]

Insert anchor berth, desig G, with 300m radius swinging circle,
centred on 32° 01'.168 S 115° 42'.745 E

Delete anchor berth, desig G, with swinging circle, centred on
depth $17_{7} m$ 32° 01'.04 S 115° 41'.85 E
32° 01'.20 S 115° 42'.78 E

399* SOUTH AUSTRALIA - Port Bonython - Depths; buoyage.
 Transport SA (02/3486 & 02/3500). (AH99/149, AH99/36)

Aus 136 [365/2002]

| | | | |
|--------|--------------------------|---------------|----------------|
| Insert | depth, 14 ₄ m | 33° 03'.021 S | 137° 40'.453 E |
| | depth, 14 ₁ m | 33° 06'.264 S | 137° 39'.337 E |
| | depth, 16 ₆ m | 33° 01'.886 S | 137° 42'.850 E |
| | depth, 15 ₆ m | 33° 01'.372 S | 137° 44'.421 E |

| | | | |
|------|----------------------|---------------|----------------|
| Move | light buoy No 8 from | 33° 01'.32 S | 137° 46'.33 E |
| | to | 33° 01'.393 S | 137° 46'.286 E |
| | light buoy No 6 from | 33° 04'.58 S | 137° 44'.19 E |
| | to | 33° 04'.533 S | 137° 44'.201 E |
| | light buoy No 2 from | 33° 08'.22 S | 137° 40'.98 E |
| | to | 33° 08'.085 S | 137° 41'.084 E |

| | | | |
|--------|-------------------------|--------------|---------------|
| Delete | depth 16 ₁ m | 33° 01'.40 S | 137° 44'.48 E |
|--------|-------------------------|--------------|---------------|

Aus 136 (plan, Port Bonython)

| | | | |
|--------|--------------------------|---------------|----------------|
| Insert | depth, 15 ₆ m | 33° 01'.372 S | 137° 44'.421 E |
|--------|--------------------------|---------------|----------------|

| | | | |
|------|-----------------------|---------------|----------------|
| Move | light buoy No 10 from | 33° 01'.21 S | 137° 45'.68 E |
| | to | 33° 01'.203 S | 137° 45'.644 E |
| | light buoy No 8 from | 33° 01'.32 S | 137° 46'.33 E |
| | to | 33° 01'.393 S | 137° 46'.286 E |

| | | | |
|--------|-------------------------|--------------|---------------|
| Delete | depth 16 ₁ m | 33° 01'.40 S | 137° 44'.48 E |
|--------|-------------------------|--------------|---------------|

Aus 778 [364/2002]

| | | | |
|--------|--------------------------|---------------|----------------|
| Insert | depth, 16 ₆ m | 33° 01'.976 S | 137° 42'.770 E |
| | depth, 15 ₆ m | 33° 01'.462 S | 137° 44'.341 E |

| | | | |
|------|----------------------|---------------|----------------|
| Move | light buoy No 8 from | 33° 01'.41 S | 137° 46'.25 E |
| | to | 33° 01'.483 S | 137° 46'.206 E |
| | light buoy No 6 from | 33° 04'.68 S | 137° 44'.11 E |
| | to | 33° 04'.623 S | 137° 44'.121 E |
| | light buoy No 2 from | 33° 08'.31 S | 137° 40'.90 E |
| | to | 33° 08'.175 S | 137° 41'.004 E |

| | | | |
|--------|-------------------------|--------------|---------------|
| Delete | depth 16 ₁ m | 33° 01'.49 S | 137° 44'.45 E |
|--------|-------------------------|--------------|---------------|

400* AUSTRALIA - TASMANIA - North Bruny Island - Quarantine Point - Light permanently discontinued.

List of Lights Vol K/2002 -- 3636.90
 SV *Windclimber* (02/3570), MAST (02/3501). (AH99/38-02)

Aus 171 [306/2002]

| | | | |
|--------|-------|--------------|---------------|
| Delete | light | 43° 07'.96 S | 147° 19'.60 E |
|--------|-------|--------------|---------------|

Aus 173 [241/2002]

| | | | |
|--------|-------|--------------|---------------|
| Delete | light | 43° 07'.96 S | 147° 19'.60 E |
|--------|-------|--------------|---------------|

401* AUSTRALIA - BASS STRAIT - Five Mile Bluff to Ninety Mile Beach - Pipeline.

Former Notice - 718(P)/2001 is cancelled

Tasmania Natural Gas Project (01/9809). (AH00/281)

Aus 167 [552/2001]

Insert gas pipeline, with legend, Gas (see Note), between

41° 01'.74 S 146° 53'.58 E

40° 00'.42 S 146° 53'.58 E

[accompanying note](#)

41° 06'.2 S 146° 42'.9 E

Aus 356 [243/2002]

Insert gas pipeline, with legend, Gas (see Note), between

41° 01'.83 S 146° 53'.50 E

40° 59'.67 S 146° 53'.50 E

[accompanying note](#)

40° 05'.00 S 146° 58'.22 E

41° 33'.0 S 146° 36'.5 E

Aus 357 [392/2002]

Insert gas pipeline between

40° 21'.00 S 146° 57'.02 E

39° 28'.00 S 147° 02'.00 E

38° 30'.00 S 147° 18'.00 E

legend, Gas (see Note)

38° 22'.17 S 147° 12'.25 E

38° 56'.5 S 147° 10'.5 E

40° 03'.0 S 146° 58'.8 E

Aus 357A [392/2002]

Insert gas pipeline between

39° 29'.00 S 147° 02'.00 E

38° 30'.00 S 147° 18'.00 E

38° 22'.17 S 147° 12'.25 E

legend, Gas (see Note)

39° 21'.0 S 147° 04'.0 E

38° 42'.5 S 147° 14'.5 E

Aus 422 [243/2002]

Insert gas pipeline between

41° 01'.74 S 146° 53'.58 E

40° 59'.58 S 146° 53'.58 E

39° 27'.91 S 147° 02'.08 E

38° 29'.91 S 147° 18'.08 E

legend, Gas (see Note)

38° 22'.08 S 147° 12'.33 E

40° 27'.0 S 146° 54'.0 E

38° 50'.0 S 147° 12'.0 E

Aus 445A [199/2002]

Insert gas pipeline between

41° 01'.83 S 146° 53'.50 E

40° 59'.67 S 146° 53'.50 E

39° 28'.00 S 147° 02'.00 E

38° 30'.00 S 147° 18'.00 E

legend, Gas (see Note)

38° 22'.17 S 147° 12'.25 E

40° 12'.5 S 146° 58'.0 E

38° 43'.1 S 147° 14'.5 E

Aus 799 [476/2001]

Insert gas pipeline between

41° 01'.74 S 146° 53'.58 E

40° 59'.58 S 146° 53'.58 E

39° 27'.80 S 147° 02'.10 E

legend, Gas (see Note)

40° 50'.54 S 146° 56'.00 E

40° 32'.50 S 147° 00'.80 E

[accompanying note](#)

41° 12'.0 S 145° 35'.0 E

Aus 4601 (INT 601) [81/2002]

Insert gas pipeline between

41° 01'.7 S 146° 53'.6 E

40° 59'.6 S 146° 53'.6 E

39° 27'.9 S 147° 02'.1 E

38° 29'.9 S 147° 18'.1 E

38° 22'.1 S 147° 12'.3 E

402* AUSTRALIA - VICTORIA - New Zealand Star Banks - Depths.
HMAS *Melville* HI 339 (02/3233). (AH99/214)

Aus 359 [621/2001]

Insert depth, 18 fm, enclosed by contour 37° 43'.64 S 149° 43'.18 E

Delete depth 6₄ fm, enclosing contour and legend Rep (1972) 37° 46'.7 S 149° 43'.2 E
depth 21fm 37° 43'.5 S 149° 43'.0 E

Aus 422 [401/2002]

Insert depth, 18 fm, enclosed by contour 37° 43'.53 S 149° 43'.15 E

Delete depth 33 fm 37° 43'.2 S 149° 42'.2 E

Aus 423 [234/2002]

Insert depth, 18 fm, enclosed by contour 37° 43'.53 S 149° 43'.15 E

Delete depth 33 fm 37° 43'.2 S 149° 42'.2 E

403(T)/2002 AUSTRALIA - NEW SOUTH WALES - Cape Byron - Scientific instruments.

Date - Until 20 July 2002

University of Queensland (02/3518). (AH98/279)

Scientific instruments exist in positions as follows:

| <i>Position</i> | <i>Remarks</i> |
|--------------------------|----------------|
| 28° 38'.7 S 153° 39'.0 E | Fl. Y. 3s |
| 28° 39'.2 S 153° 39'.0 E | Fl. Y. 3s |
| 28° 39'.7 S 153° 39'.0 E | Fl. Y. 3s |

Craft are not to use these buoys as moorings.

Chart temporarily affected – Aus 813.

404(T)/2002 AUSTRALIA - QUEENSLAND - Point Danger to Weipa - Scientific instruments.

Former Notice - 112(T)/2002 is cancelled

Queensland Transport Notice 207(T)/2002 (02/3699). (AH98/16, AH98/146)

As of 12 June 2002 special light buoys, are on station in the positions (WGS 84) below.

Craft are not to use these buoys as moorings.

The most convenient chart is quoted.

| <i>Location</i> | <i>Lat S</i> | <i>Long E</i> | <i>Characteristics</i> | <i>Chart affected</i> |
|-----------------|--------------|---------------|------------------------|-----------------------|
| * Main Beach | 27° 57'.86 | 153° 26'.47 | Fl(5) Y. 20s | Aus 814 |
| Point Lookout | 27° 29'.32 | 153° 37'.44 | Fl(5) Y. 20s | Aus 814 |
| Bribie Island | 27° 04'.62 | 153° 12'.52 | Fl(5) Y. 20s | Aus 236 |
| Moreton Bay | 27° 15'.00 | 153° 11'.96 | Fl(5) Y. 20s | Aus 236 |
| Arkwright Point | 26° 34'.36 | 153° 07'.00 | Fl(5) Y. 20s | Aus 365 |
| Lisa Jane Shoal | 23° 18'.55 | 151° 04'.44 | Fl(5) Y. 20s | Aus 247 |
| Bailey Islet | 21° 02'.52 | 149° 32'.78 | Fl(5) Y. 20s | Aus 249 |
| Mackay | 21° 00'.88 | 149° 20'.32 | Fl(5) Y. 20s | Aus 249 |
| Townsville | 19° 09'.47 | 147° 03'.77 | Fl(5) Y. 20s | Aus 256 |
| Clump Point | 17° 49'.09 | 146° 11'.13 | Fl(5) Y. 20s | Aus 258 |
| Double Island | 16° 43'.95 | 145° 42'.68 | Fl(5) Y. 20s | Aus 830 |
| Albatross Bay | 12° 40'.55 | 141° 45'.09 | Fl(5) Y. 20s | Aus 4 |

* Indicates new or revised entry.

Chart temporarily affected – Aus 4 – Aus 236 – Aus 247 – Aus 249 – Aus 251 – Aus 256 – Aus 258 – Aus 365 – Aus 814 – Aus 829 – Aus 830.

405(T)/2002 AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Wreck salvaged.

Former Notice - 244(T)/2002 is cancelled

Queensland Transport Notice 196(T)/2002 (02/3604). (AH98/292)

Cancel this notice on receipt

Chart formerly affected – Aus 236

406(T)/2002 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Shoaling.

HMAS *Paluma* (02/3641). (AH99/323)

Shoaling, least depth 5.1m, exists in position 26° 57'.458 S 153° 20'.309 E (WGS84).

Chart temporarily affected – Aus 235 – Aus 814.

407(T)/2002 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information.

Former Notice - 348(T)/2002 is cancelled

Queensland Transport Notice 202(T)/2002 (02/3642). (AH99/251)

Available depth as at 6 June 2002:

| | <i>Metres LAT</i> | <i>ISLW (Chart Datum)</i> |
|-------------------|-------------------|---------------------------|
| Departure Channel | 9.7 | 10.0 |
| * Inner Channel | 9.6 | 9.9 |
| * Swing Basin | 6.7 | 7.0 |
| * Sugar Berth | 10.1 | 10.4 |

*Indicates new or revised entry.

Shoaling to 6.7 m exists at a distance of up to 75m from the HWM for a distance of 200m to seaward of the berth pocket (17° 36'.08 S 146° 07'.41 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 829.

408(T)/2002 AUSTRALIA - TORRES STRAIT - Varzin Passage - Buoy altered in position.

AMSA (02/3645), Auscoast 170/2002 (AH99/13)

C4 south cardinal light buoy (10° 31'.61 S 141° 56'.73 E (AGD66)) has been temporarily moved to 10° 31'.63 S 141° 56'.34 E (AGD66).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 289 – Aus 296 – Aus 700.

409(T)/2002 AUSTRALIA - QUEENSLAND - Weipa - Depth information.

Former Notice - 545(T)/2000 is cancelled

Queensland Transport Notice 203(T)/2002 (02/3642). (AH00/178)

Available depths as at 6 June 2002:

| | <i>Metres</i> |
|-------------------------|---------------|
| * South Channel | 10.1 |
| Departure Channel | 10.8 |
| Cora Bank South Channel | 7.3 |
| Humbug Point Approaches | 8.6 |
| Humbug Point Berth | 9.5 |
| * Evans Landing | 9.4 |
| Lorim Point East | 12.3 |
| Lorim Point West | 12.3 |

*Indicates new or revised entry.

A shoal patch, with depths to 7.5m, exists SE of Urquhart Point (12° 40'.42 S 141° 49'.25 E) and is marked by a starboard lateral light buoy, *Fl. G. 3s*.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 4.

410(T)/2002 AUSTRALIA - NORTHERN TERRITORY – Charles Point – Obstructions westward.

Date - Until 11 September 2002

MHQAUST (02/3607). (AH98/306)

Ground mine shapes have been laid as follows:.

| <i>Position (WGS 84)</i> | <i>Depth (Metres)</i> |
|------------------------------|-----------------------|
| 12° 19'.980 S 130° 26'.941 E | 20 |
| 12° 20'.035 S 130° 24'.002 E | 23 |
| 12° 20'.050 S 130° 23'.210 E | 23 |
| 12° 19'.850 S 130° 23'.210 E | 20 |
| 12° 20'.040 S 130° 19'.825 E | 27 |
| 12° 19'.901 S 130° 16'.251 E | 23 |
| 12° 19'.983 S 130° 12'.910 E | 23 |
| 12° 20'.012 S 130° 06'.215 E | 23 |
| 12° 20'.012 S 130° 06'.141 E | 27 |
| 12° 20'.000 S 130° 05'.851 E | 27 |
| 12° 20'.444 S 130° 04'.831 E | 28 |
| 12° 20'.444 S 130° 04'.700 E | 28 |
| 12° 23'.262 S 130° 00'.005 E | 30 |
| 12° 26'.462 S 129° 54'.468 E | 30 |
| 12° 26'.603 S 129° 54'.357 E | 35 |
| 12° 28'.020 S 129° 51'.986 E | 35 |
| 12° 27'.900 S 129° 49'.756 E | 38 |
| 12° 26'.970 S 129° 47'.916 E | 40 |
| 12° 26'.005 S 129° 45'.947 E | 40 |
| 12° 24'.666 S 129° 43'.433 E | 44 |

All mines are fitted with a self recovery FIO buoy which sits approx 2m above the mine shape.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 29 – Aus 309 – Aus 316 – Aus 722.

411(P)/2002 AUSTRALIA - NORTHERN TERRITORY - Darwin - Differential global positioning system.

Date - On or about 13 June 2002

AMSA ATH 2002/29 (02/3719). (AH99/28)

A trial Differential Global Positioning System (DGPS) has been established at Darwin (12° 26'.72 S 130° 57'.51 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 294 kHz, which is within the maritime radionavuband. The range correction messages will be (RTCM) Types 3, 5, 7, 9, 16 and will be transmitted at the rate of 200 bps. During the trial, the Type 16 message will be transmitted with the message:

Darwin DGPS trial transmission only.

Chart which will be affected – Aus 17 – Aus 18 – Aus 20 – Aus 21 – Aus 26 – Aus 28 – Aus 29 – Aus 308 – Aus 309 – Aus 310 – Aus 311 – Aus 315 – Aus 316 – Aus 318 – Aus 411 – Aus 413 – Aus 442 – Aus 720 – Aus 721 – Aus 722 – Aus 724 – Aus 725 – Aus 726 – Aus 727.

412(T)/2002 AUSTRALIA - NORTHERN TERRITORY - Point Blaze to Cape Scott - Tide gauges.

Date - Until 19 July 2002

HMAS' *Shepparton & Benalla* (02/3517) (02/3605), MHQAUST DTN 63/2002 (AH00/231)

Light buoys, Q, marking tide gauges, exist in the following positions:

| | |
|--------------|---------------|
| 12° 51'.83 S | 130° 07'.73 E |
| 13° 21'.02 S | 130° 05'.94 E |
| 13° 25'.01 S | 129° 31'.86 E |

Mariners are advised to navigate with caution in the area.

Chart temporarily affected - Aus 316 – Aus 724.

413(T)/2002 WESTERN AUSTRALIA - Broome - Escape Rocks - Light buoy off station.
Broome Port Authority (02/3700). (AH99/33)

The starboard conical light buoy (17° 59'.7 S 122° 09'.5 E) is off station.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 50.

414(P)/2002 SOUTH AUSTRALIA - Kangaroo Island - Snapper Point - Deferral of light discontinuation.

Former Notice - 318(P)/2002 is cancelled
List of Lights Vol K/2002 -- 2108.00
AMSA ATH 2002/24 (02/3527). (AH99/35)

The discontinuation of the light at Snapper Point has been deferred for at least six months.

Cancel this notice on receipt

Chart formerly affected – Aus 345 – Aus 346 – Aus 444 – Aus 780

415(P)/2002 SOUTH AUSTRALIA - Kangaroo Island - Cape St Alban - Deferral of light alteration.

Former Notice - 319(P)/2002 is cancelled
List of Lights Vol K/2002 -- 2110.00
AMSA ATH 2002/27 (02/3530). (AH99/35)

The removal of the red sector at Cape St Alban has been deferred for at least six months.

Cancel this notice on receipt

Chart formerly affected – Aus 345 – Aus 346 – Aus 347 – Aus 444 – Aus 780

416(P)/2002 SOUTH AUSTRALIA - Kangaroo Island - Cape Willoughby - Deferral of light alteration.

Former Notice - 320(P)/2002 is cancelled
List of Lights Vol K/2002 -- 2112.00
AMSA ATH 2002/28 (02/3531). (AH99/35)

The range reduction and character change at Cape Willoughby has been deferred for at least six months.

Cancel this notice on receipt

Chart formerly affected – Aus 345 – Aus 346 – Aus 347 – Aus 444 – Aus 780

417(P)/2002 SOUTH AUSTRALIA - Kangaroo Island - South Page - Deferral of light alteration.

Former Notice - 321(P)/2002 is cancelled
List of Lights Vol K/2002 -- 2114.00
AMSA ATH 2002/25 & 2002/26 (02/3528 & 02/3529) (AH99/35)

The light character change and red sector installation at South Page has been deferred for at least six months.

Cancel this notice on receipt

Chart formerly affected – Aus 345 – Aus 346 – Aus 347 – Aus 444 – Aus 780

418(T)/2002 AUSTRALIA - TASMANIA - Port Davey to Coles Bay - Spat lines; buoys.
MAST Notice M39/2002 (02/3698). (AH99/39)

Yellow spherical buoys, marking scallop spat and puerulus collecting licences, exist in the following locations:

| <i>Location</i> | <i>Position (WGS84)</i> |
|-----------------|------------------------------|
| Port Davey | 43° 20'.013 S 145° 58'.054 E |
| De Witt Island | 43° 35'.265 S 146° 21'.708 E |
| Recherche Bay | 43° 32'.614 S 146° 54'.547 E |
| Coles Bay | 42° 07'.303 S 148° 16'.591 E |

Chart temporarily affected – Aus 174 – Aus 176 – Aus 354 – Aus 355.

419(T)/2002 AUSTRALIA - TASMANIA - D'entrecasteaux Channel - Huon Island to Cray Point - Light buoys.

Date - Until 31 December 2003

MAST Notice M11/2002 (02/3553). (AH99/39)

Special light buoys, *Fl. Y*, exist in positions:

- 43° 15'.59 S 147° 04'.92 E
- 43° 16'.64 S 147° 06'.92 E
- 43° 17'.59 S 147° 06'.62 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 173.

420(T)/2002 AUSTRALIA - TASMANIA - Norfolk Bay - Marine farm.

MAST Notice M39/2002 (02/3698). (AH99/387)

Special spar light buoys, *Q. Y*, marking the extremities of a mussel spat collection area, exist in the following positions (WGS84):

- 42° 59'.28 S 147° 49'.50 E
- 42° 59'.28 S 147° 50'.58 E
- 42° 59'.46 S 147° 50'.58 E
- 42° 59'.46 S 147° 49'.50 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 171.

421(T)/2002 AUSTRALIA - TASMANIA - Marion Bay Narrows - Leading lights.

List of Lights Vol K/2002 – 3612.20 & 3612.21

MAST Notice M16/2002 (02/3554). (A99/38-02)

The leading lights (42° 51'.15 S 147° 52'.93 E) have been temporarily discontinued.

Shoaling has occurred in the channel, making navigation dangerous. Mariners should seek local knowledge before navigating in this area; it is recommended transiting should occur at high water and in daylight hours.

Chart temporarily affected – Aus 171.

422(T)/2002 AUSTRALIA - VICTORIA - Port Phillip - Port Melbourne and Geelong - Depth information.

Former Notices - 559(T)/2001 & 388(T)/2002 are cancelled

Victorian Channels Authority (02/3701). (AH99/209-02)

Available depths as at 26 May 2002:

| <i>Berth</i> | <i>Metres</i> |
|--------------------|---------------|
| No4 East Webb Dock | 12.1 |
| Bulk Grain Pier 2 | 12.0 |

Note: All other berths have been restored to maintained depths.

Chart temporarily affected – Aus 154 – Aus 157.

423(T)/2002 AUSTRALIA - VICTORIA - Corner Inlet - Lewis Channel - Pile driving.

Date - Until 26 July 2002

Victorian Notice 34(T)/2002 (02/3490). (AH99/147)

The pile driving barge *Gippslander* is currently operating at various locations in the Lewis Channel (38° 43' S 146° 26' E).

The barge will display a yellow flashing light at night.

Mariners are requested to navigate with caution in the area.

Chart temporarily affected – Aus 181 – Aus 182.

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 14 June 2002. 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

- 163 E Coast. Cable ship *Pacific Guardian* engaged in submarine cable and roV operations in area 34° 09'.0 S to 34° 16'.0 S and 151° 36'.0 E to 151° 46'.0 E.
- 164 Cancelled.
- 165 NW Coast. Seismic survey vessel *Veritas Searcher* towing 4.5M cable in area 13° 00'.0 S 14° 30'.0 S and 128° 00'.0 E to 129° 00'.0 E.
- 166 Cancelled.
- 167 NW Coast. Drill rig *Sedco 703* in position 11° 58'.4 S 124° 35'.1 E. 2.5M clearance requested.
- 168 NW Coast. Operations for the installation of pipelines and platforms underway. Drill rig *Chiles Discovery* conducting drilling operations within restricted zone bounded by 11° 01'.0 S to 11° 05'.0 S and 126° 35'.0 E to 126° 42'.0 E. 2.5M clearance requested.
- 169 Cancelled.
- 170 N Coast. Varzin Passage C4 buoy (10° 31'.6 S 141° 56'.7 E) altered in position 10° 31'.6 S 141° 56'.3 E.
- 171 Cancelled.
- 172 Cancelled.
- 173 Cancelled.
- 174 Cancelled.
- 175 E Coast. Gneering Shoal buoy (26° 39'.2 S 153° 12'.8 E) off station.
- 176 Cancelled.
- 177 SE Coast. Pipe laying vessel *Lorelay* laying pipeline between 38° 12'.1 S 147° 26'.6 E to 38° 29'.0 S 147° 46'.0 E.
- 178 N Coast. Booby Island tide gauge (10° 36'.3 S 141° 54'.6 E) unreliable.

NAVAREA X WARNINGS

Nil issued

Navigation warnings in force as at 131500UTC JUN 02.

Auscoast

093 105 122 125 129 138 141 142 159 160 163 165 167 168 170 175 177 178

Navarea X

001

Summary of mobile drilling rigs as at 131500UTC JUN 02.

| Name | Position |
|--------------|--------------------------|
| Bayu Undan | 11° 01'.0 S 126° 35'.0 E |
| Sedco 702 | 11° 46'.0 S 125° 02'.0 E |
| Sedco 703 | 11° 58'.4 S 124° 35'.1 E |
| Ocean Bounty | 38° 00'.4 S 148° 26'.6 E |

NAVAREA XIV WARNINGS

- 081 Cancelled
- 082 Cancelled
- 083 Cancelled
- 084 Cancelled
- 085 Cancelled
- 086 Cancelled
- 087 Cancelled
- 088 Cancelled
- 089 New Zealand. North Island. Seismic survey vessel *Setouchi* towing 1400m cable in area 38° 50'.0 S to 39° 00'.0 S and 174° 10'.0 E to 174° 20'.0 E.
- 090 Cancelled
- 091 Cancelled

Navarea XIV warnings in force as at 130001UTC JUN 02.

089.

IV

HYDROGRAPHIC REPORTS

| <i>Locality</i> | <i>Report</i> | <i>Ship/Authority</i> | <i>Observer</i> |
|--------------------------|---------------|-----------------------|-----------------|
| PNG- Mowensand Island | Shoal | HMAS <i>Labuan</i> | |
| SA- Cape St Albans | Light | MV <i>Ormiston</i> | D Dias |
| NSW- Jervis Bay | Lights | HMAS <i>Gascoyne</i> | |



AUSTRALIAN HYDROGRAPHIC SERVICE

Nautical Publication Questionnaire

Locked Bag 8801
South Coast Mail Centre
NSW 2521
Fax: (02) 42 218 599
www.hydro.gov.au/feedback

This questionnaire is designed to assist the Australian Hydrographic Service develop new Nautical Publications to support the mariner and maritime industry in Australia. It is aimed at those who work in, with, or in support of, the maritime industry of Australia.

Information received will be treated in confidence. Additional comments are encouraged. You can indicate more than one response to a question if appropriate.

Completed questionnaires can be returned by post, facsimile or filled out at our web site. Text email feedback can be directed to: pubs@hydro.gov.au

What is your occupation ?

On what type of vessel do you work ?

- An Australian registered vessel
- An Overseas registered vessel
- An Australian State registered vessel
- Maritime Industry ashore
- Other (please specify)

Do you use Australian Charts ? Yes No

Do you use Australian Notice to Mariners ? Yes No

Do you use Australian Annual Notice to Mariners ? Yes No

From where do you obtain your nautical charts and publications ?

- Boat Shop
- Chart Agent
- Online
- Company arranges
- Other (specify)

For what purposes do you use Nautical Charts and Publications ?

- Work on a commercial vessel
- Onboard a recreational vessel
- Ashore in support of commercial activities
- For maritime administration or research
- Other (specify)

What nautical publications do you use, and where ?

| NP | at Sea | alongside | ashore |
|-----------------------|-----------------------|-----------------------|-----------------------|
| Mariners Handbook | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Sailing Directions | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| List of Lights | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| List of Radio Signals | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Tide Tables | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Notice to Mariners | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

Which nautical publication do you rely on the most ? Why ?

.....

.....

When choosing an Australian nautical publication which content is important to you ?

| | Not important | | important | | Essential |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Satisfies SOLAS carriage requirements | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Explains maritime regulations | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Explains maritime agencies, their roles and responsibilities | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| SAR information | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Australian weather information | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Explains maritime zones and boundaries | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Customs information | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Quarantine information | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Environmental/pollution regulation information | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Information on Marine Parks | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Australian Port information | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Charts and Publications (Agents, maintenance) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Maritime Services (warnings, met, EPF, comms, SRS) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Navigation Information (legislation, state of charting, dangers, traffic management and reporting) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

What information do you need that is not available in a nautical publication?

.....

.....

.....

What is the most important factor for purchasing a nautical publication ?

- Price
- Satisfies regulatory / licencing requirements
- Ease of use
- It assists the planning and conduct of my passage
- Complements charts and publications held
- It enhances my safety
- Other (please specify)

