




Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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 Notices 682 - 722

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 rccaus@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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1 November 2002

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682 AUSTRALIA - Publications.
AHS (OUT/2002/56). (AH99/139-02)

New chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 811	Australia - East Coast – New South Wales – Crowdy Head to Smoky Cape	1:150 000

New edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 134	Australia - South Coast - South Australia - Port Lincoln and Approaches Plan: Proper Bay	1:50 000 1:10 000
	Port Lincoln Wharves	1:7 500
Aus 776	Australia - South Coast - South Australia – Williams Island to Winceby Island	1:150 000

683 AUSTRALIA - Admiralty Publications - Selected current hydrographic publications.

British Admiralty Notice 40/4306/2002 (IN/2002/124). (AH99/226-02)

(Corrected 28 September 2002)
(Former BA Notice 2887/02 is cancelled)

(1) Current editions of Sailing Directions and their latest supplements

<i>NP No</i>	<i>Title</i>	<i>Edition</i>	<i>Supplement</i>
9	Antarctic Pilot	5th (1997)	
13	Australia Pilot Vol I	7th (1992)	3/2001
14 ‡	Australia Pilot Vol II	8th (2001)	
15 ‡†	Australia Pilot Vol III	8th (1999)	
17	Australia Pilot Vol V	7th (1992)	3/2001
33	Philippine Islands Pilot	1st (1978)	11/2000
34 ‡	Indonesia Pilot Vol II	2nd (1999)	
35 ‡	Indonesia Pilot Vol III	2nd (2001)	
36 ‡†	Indonesia Pilot Vol I	3rd (1999)	
39 ‡	South Indian Ocean Pilot	10th (2001)	
44	Malacca Strait and West Coast of Sumatra Pilot	6th (1987)	5/1999
51 ‡	New Zealand Pilot	15th (2001)	
60	Pacific Islands Pilot Vol I	10th (1988)	5/2000
61	Pacific Islands Pilot Vol II	10th (1984)	7/2001
62	Pacific Islands Pilot Vol III	10th (1982)	8/1999*
100	The Mariner's Handbook	7th (1999)	
136	Ocean Passages for the World	4th (1987)	
735	Maritime Buoyage System	5th (1994)	

‡ Books in continuous revision (new editions every three years)

† New or revised edition due for publication within one year

* New Supplement due for publication within three months

(2) Admiralty List of Lights and Fog Signals

<i>NP No</i>	<i>Current Edition</i>	<i>Published</i>
83	Volume K, 2002/03	January 2002

(4) Admiralty List of Radio Signals

<i>NP No</i>	<i>Title</i>	<i>Published</i>
281(2)	Volume 1, 2002/03 – Part 2 – Coast Radio Stations – Oceania, the Americas and the Far East	June 2002
282	Volume 2, 2002/03 – Radio Navigational Aids, Electronic Position Fixing Systems, Legal Time and Radio Time Signals	February 2002
283(2)	Volume 3, 2002/03 – Part 2 – Maritime Safety Information Services – Oceania and the Americas	May 2002
284	Volume 4, 2001/02 – Meteorological Observation Stations	June 2001
285	Volume 5, 2002/03 – Global Maritime Distress and Safety System (GMDSS)	June 2002
286(4)	Volume 6, 2002/03 – Part 4 – Pilot Services, Vessel Traffic Services and Port Operations – Asia and Australasia	September 2002
286(5)	Volume 6, 2001/02 – Part 5 – Pilot Services, Vessel Traffic Services and Port Operations – Americas and Antarctica	September 2002
288	Volume 8, 2002/03 – Satellite Navigation Systems	March 2002

(5) Tidal Publications

NP No Admiralty Tide Tables (corrected by Annual Notice to Mariners 1/2001)
 203-02 Volume 3 Indian Ocean and South China Sea (including Tidal Stream Tables)
 203-03 Volume 3 Indian Ocean and South China Sea (including Tidal Stream Tables)
 204-02 Volume 4 Pacific Ocean (including Tidal Stream Tables)
 204-03 Volume 4 Pacific Ocean (including Tidal Stream Tables)

NP No Co-Tidal Atlas
 215 Edition 1 South East Asia, 1979

DP No	Admiralty Tidal Prediction Software	Edition
550-02	TotalTide CD-ROM	March 2002
560	Simplified Harmonic Method of Tidal Prediction (SHM for Windows) CD-ROM	May 2001

UK Hydrographic Office

684 AUSTRALIA - Agents for the sale of Navigational Products.

Australian Hydrographic Service (OUT/2002/12). (AH02/69)

Details of the following business are revised:

CARNARVON

Freeman's Fibreglass & Boating
 Lot AL Small Boat Harbour
 Carnarvon 6701

Phone (08) 9141 4161
 Fax (08) 9141 4221
 E-mail freemans@westnet.com.au

685* AUSTRALIA - NEW SOUTH WALES - Newcastle - Restricted area.

Newcastle Ports (IN/2002/99). (AH98/321)

Aus 207 [525/2002]

Substitute [accompanying note](#) 32° 57'.7 S 151° 43'.0 E

Aus 208 [525/2002]

Substitute [accompanying note](#) 32° 56'.1 S 151° 46'.0 E

686* AUSTRALIA - NEW SOUTH WALES – Norfolk Island - Anchoring prohibited area revoked and cable area removed.

Reach Submarine Cable Operations (IN/2002/125).

Aus 609 [233/2002]

Delete note outside N border 168° 07'.00 E

Aus 609 (plan, Norfolk and Phillip Islands)

Delete	legend, Anchoring Prohibited (see Note), centred on	29° 01'.0 S	167° 53'.0 E
	submarine cable area limit between	29° 01'.45 S	167° 55'.14 E
		29° 03'.10 S	167° 51'.50 E
	submarine cable area limit between	29° 00'.43 S	167° 55'.13 E
		28° 58'.58 S	167° 51'.50 E

Aus 609 (plan, Approaches to Norfolk Island)

Delete	submarine cable area limit between	29° 01'.5 S	167° 55'.1 E
		29° 03'.1 S	167° 51'.5 E
		28° 58'.6 S	167° 51'.5 E
		29° 00'.4 S	167° 55'.1 E

687* AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works completed.*Former Notice - 373(T)/2002 is cancelled*

Maritime Safety Queensland Notice 418 & 447/2002 (02/6418) & (IN/2002/257) (AH99/207)

Aus 236 [497/2002]

Insert	HWL between	27° 22'.253 S	153° 10'.303 E
		27° 22'.157 S	153° 10'.371 E
		27° 22'.177 S	153° 10'.407 E

Delete	HWL between	27° 22'.25 S	153° 10'.30 E
		27° 22'.18 S	153° 10'.41 E
	drying line between	27° 22'.22 S	153° 10'.35 E
		27° 22'.17 S	153° 10'.40 E

Aus 237 [528/2002]

Insert	HWL between	27° 22'.153 S	153° 10'.363 E
		27° 22'.057 S	153° 10'.431 E
		27° 22'.077 S	153° 10'.467 E
	legend, 13.0m berth designator, 8	27° 22'.10 S	153° 10'.39 E
		27° 22'.14 S	153° 10'.37 E

Delete	depth 11 ₇ m	27° 22'.06 S	153° 10'.41 E
	drying height 0 ₄ m and associated contours	27° 22'.11 S	153° 10'.43 E
	HWL between	27° 22'.15 S	153° 10'.36 E
		27° 22'.08 S	153° 10'.47 E
	firm lines centred on pecked line between	27° 22'.12 S	153° 10'.39 E
		27° 21'.93 S	153° 10'.30 E
	legend, Maintained depth 12.0m, centred on	27° 22'.28 S	153° 10'.28 E
		27° 22'.12 S	153° 10'.29 E

688* AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works completed.*Former Notice - 375(T)/2002 is cancelled*

Maritime Safety Queensland Notice 419/2002 (02/6418 & 02/6416). (AH99/207)

Aus 236 [687/2002]

Insert	HWL between	27° 23'.624 S	153° 09'.409 E
		27° 23'.672 S	153° 09'.386 E
		27° 23'.731 S	153° 09'.392 E
		27° 23'.774 S	153° 09'.425 E
		27° 23'.780 S	153° 09'.442 E

Delete	HWL between	27° 23'.62 S	153° 09'.41 E
		27° 23'.78 S	153° 09'.44 E
	drying line between	27° 23'.66 S	153° 09'.46 E
		27° 23'.56 S	153° 09'.49 E

Aus 237 [687/2002]

Insert	HWL between	27° 23'.524 S	153° 09'.469 E
		27° 23'.572 S	153° 09'.446 E
		27° 23'.631 S	153° 09'.452 E
		27° 23'.674 S	153° 09'.485 E
		27° 23'.680 S	153° 09'.502 E

Delete	HWL between	27° 23'.52 S	153° 09'.47 E
		27° 23'.68 S	153° 09'.50 E
	drying line between	27° 23'.65 S	153° 09'.47 E
		27° 23'.56 S	153° 09'.49 E

689* AUSTRALIA - QUEENSLAND - Kent Island - Depths northwards.
UKHO (IN/2002/119). (AH99/175-02)

Aus 829 [592/2002]

Insert	depth, 8 ₆ m, and extend contour NE to enclose	17° 40'.27 S	146° 10'.96 E
	depth, 2 ₃ m, and extend contour E from Bresnahan Island to enclose	17° 40'.12 S	146° 10'.46 E

690* PAPUA NEW GUINEA - Buka Passage - Radio tower; obelisk.
HMAS *Labuan* (IN/2002/96). (AH99/267)

Aus 684 (plan, Buka Passage) [268/2002]

Insert	radio tower	5° 25'.670 S	154° 40'.380 E
	obelisk	5° 26'.420 S	154° 40'.095 E

691* AUSTRALIA - TORRES STRAIT - Cook Reef - Wreck northeastwards.
MCC AST DTN Warning 105/2002 (IN/2002/97). (AH98/288)

Aus 376 [636/2002]

Insert	dangerous wreck, with legend PA	10° 16'.0 S	141° 37'.9 E
Delete	depth 11 ₆ m	10° 15'.5 S	141° 37'.5 E

Aus 410 [706/2001]

Insert	dangerous wreck, with legend PA	10° 16'.0 S	141° 37'.9 E
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692* INDIAN OCEAN - Cocos (Keeling) Islands - Direction Island - Wreck.
Environment Australia (IN/2002/117). (AH98/282)

Aus 606 [361/2002]

Insert	depth, 10 ₅ m, enclosed by danger circle, with legend Wk	12° 05'.33 S	96° 52'.29 E
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Aus 607 [361/2002]

Insert	depth, 10 ₅ m, enclosed by danger circle, with legend Wk	12° 05'.33 S	96° 52'.29 E
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693* WESTERN AUSTRALIA - Busselton - Light range.
List of Lights Vol K/2002 -- 1788.00
Transport WA (IN/2002/123). (AH99/29-02)

Aus 116 (plan, Busselton) [729/2001]

Amend	light range to 2M	33° 37'.74 S	115° 20'.30 E
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Aus 334 [603/2002]

Amend	light range to 2M	33° 37'.75 S	115° 20'.30 E
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Aus 335 [123/2002]

Amend	light range to 2M	33° 37'.75 S	115° 20'.30 E
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Aus 755 [730/2001]

Amend	light range to 2M	33° 37'.81 S	115° 20'.22 E
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Aus 756 [304/2002]

Amend	light range to 2M	33° 37'.81 S	115° 20'.22 E
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694* SOUTH AUSTRALIA - Thevenard - Depths.
Flinders Ports SA (02/4312 & 02/4400). (AH02/138)

Aus 120 [664/2002]

Insert [accompanying block](#) 32° 07'.50 S 133° 37'.00 E

Aus 120 (plan, Yatala Channel)

Insert depth, 7m 32° 08'.727 S 133° 37'.563 E
depth, 9₆ m 32° 08'.837 S 133° 37'.737 E

Delete depth 5₈ m 32° 08'.82 S 133° 37'.65 E

695* SOUTH AUSTRALIA - Spencer Gulf - Wardang Island - Historic wrecks.

Transport SA Notice 47/2002 (IN/2002/60). (AH98/283)

Aus 777 [340/2002]

Insert historic wreck, with legend, *Historic Wk* (see Note) 34° 27'.67 S 137° 23'.18 E
34° 28'.76 S 137° 22'.97 E

lit orange mooring buoy, Fl. 5s, with St Andrews cross
topmark 34° 27'.67 S 137° 23'.18 E
34° 28'.76 S 137° 22'.97 E

[accompanying note](#) 33° 57'.0 S 136° 29'.0 E

Delete dangerous wreck 34° 28'.8 S 137° 22'.9 E
34° 27'.6 S 137° 23'.1 E

Note: this information is incorporated in the new edition of Aus 776 currently in production.

696* SOUTH AUSTRALIA - Kangaroo Island - Light buoy.

Transport SA Notice 47/2002 (IN/2002/60). (AH98/283)

Aus 343 [643/2002]

Insert lit orange mooring buoy, Fl. 5s, with St Andrews cross
topmark 35° 43'.82 S 136° 42'.48 E

Aus 345 [643/2002]

Insert lit orange mooring buoy, Fl. 5s, with St Andrews cross
topmark 35° 43'.82 S 136° 42'.70 E

Aus 346 [54/2002]

Insert lit orange mooring buoy, Fl. 5s, with St Andrews cross
topmark 35° 43'.82 S 136° 42'.70 E

697* SOUTH AUSTRALIA - Gulf of St Vincent - Ardrossan to Port Willunga - Historic wrecks.

Transport SA Notice 47/2002 (IN/2002/60). (AH98/283)

Aus 780 [305/2002]

Insert	historic wreck, with legend, <i>Historic Wk (see Note)</i>	34° 49'.41 S	138° 25'.04 E
	lit orange mooring buoy, <i>Fl. 5s</i> , with St Andrews cross topmark	34° 49'.41 S	138° 25'.04 E
		35° 15'.24 S	138° 27'.62 E
Delete	depth 6fm and enclosing contour with legend WK	34° 49'.6 S	138° 25'.2 E
	depth 7 ₂ fm	34° 49'.4 S	138° 25'.0 E

Aus 781 [342/2002]

Insert	historic wreck, with legend, <i>Historic Wk (see Note)</i>	34° 49'.40 S	138° 25'.02 E
		34° 31'.94 S	138° 03'.64 E
	lit orange mooring buoy, <i>Fl. 5s</i> , with St Andrews cross topmark	34° 49'.38 S	138° 24'.99 E
	special barrel light buoy, <i>Fl. Y 4s</i> , with topmark	34° 31'.94 S	138° 03'.64 E
Substitute	restricted area, radius 0.3M, centred on	34° 30'.80 S	138° 03'.74 E
	special barrel light buoy <i>Fl. Y 4s</i> , with topmark, for special buoy	34° 30'.80 S	138° 03'.74 E
Delete	depth 6fm and enclosing danger circle, with legend Wk	34° 49'.6 S	138° 25'.2 E
	depth 5 ₈ fm and enclosing danger circle, with legend Wk	34° 31'.9 S	138° 03'.7 E
	special buoy	34° 31'.9 S	138° 03'.5 E
	restricted area circle	34° 30'.8 S	138° 03'.7 E

Aus 781 (plan, Approaches to Port Adelaide)

Insert	historic wreck, with legend, <i>Historic Wk (see Note)</i>	34° 49'.40 S	138° 25'.02 E
	lit orange mooring buoy, <i>Fl. 5s</i> , with St Andrews cross topmark	34° 49'.38 S	138° 24'.99 E
Delete	depth 6fm and enclosing danger circle, with legend Wk	34° 49'.6 S	138° 25'.2 E

698* AUSTRALIA - TASMANIA - Smithton - Buoy.

MAST (02/4857). (AH99/39)

Aus 790 [571/2002]

Insert	starboard lateral pillar buoy, without topmark	40° 47'.03 S	145° 06'.72 E
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699* AUSTRALIA - VICTORIA - Port Phillip - Mordialloc - Light elevation.

List of Lights Vol K/2002 -- 2331.80

Victorian Notice 55/2002 (IN/2002/54). (AH99/21-02)

Aus 143 [671/2002]

Amend	light elevation to 7m	38° 00'.76 S	145° 04'.99 E
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Aus 155 [672/2002]

Amend	light elevation to 7m	38° 00'.76 S	145° 04'.99 E
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700(T)/2002 AUSTRALIA - NEW SOUTH WALES - Twofold Bay - Obstructions.

Date - Until 22 November 2002

MHQAUST (IN/2002/271). (AH00/216)

Ground mine shapes have been laid in the area bounded by the two metre isobath of Twofold Bay to a line joining positions:

37° 02'.6 S 149° 58'.8 E

37° 07'.2 S 149° 58'.8 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 191 – Aus 806.

701(T)/2002 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Obstructions.

Date - Until 2 December 2002

MHQAUST (IN/2002/270). (AH00/216)

Ground and buoyant mine shapes have been laid as follows:

Position

Height above seabed

35° 03'.58 S 150° 43'.14 E

35° 03'.73 S 150° 43'.27 E

35° 03'.92 S 150° 43'.38 E

35° 04'.10 S 150° 43'.50 E

35° 04'.09 S 150° 44'.57 E

35° 04'.62 S 150° 44'.76 E

35° 05'.43 S 150° 44'.53 E

35° 05'.65 S 150° 45'.30 E

35° 05'.91 S 150° 46'.55 E

5m

35° 06'.35 S 150° 47'.05 E

5m

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 193.

702(P)/2002 AUSTRALIA - NEW SOUTH WALES - Tweed Heads - Point Danger - Lights to be altered.

Date - On or about 1 November 2002

List of Lights Vol K/2002 -- 2845.00,2846.20,2846.40

Waterways NSW (IN/2002/266) (AH99/19-03)

The range of light (28° 10'.01 S 153° 32'.96 E (AGD 66)) will be altered to 11M.

The light (28° 10'.21 S 153° 33'.27 E (AGD 66)) will be altered to Oc. G. 3s.

The light (28° 10'.30 S 153° 33'.29 E (AGD 66)) will be altered to Q. R.

Chart which will be affected – Aus 220 – Aus 364 – Aus 424 – Aus 813 – Aus 814.

703(T)/2002 AUSTRALIA - QUEENSLAND - Brisbane River - Town Reach - Harbour works.

Maritime Safety Queensland Notice 448/2002 (IN/2002/273). (AH99/207)

The floating pontoon and connecting walkway (27° 28'.06 S 153° 01'.86 E) has been removed.

The piles, which moored the pontoon, remain in situ during construction of a new jetty.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 238.

704(T)/2002 AUSTRALIA - QUEENSLAND - Gladstone - Dredging operations.

Date - Until 30 January 2003

Maritime Safety Queensland Notice 424(T)/2002 (IN/2002/154). (AH99/217)

The dredge *Brisbane*, is operating in Targinie Channel (23° 47'.8 S 151° 12'.2 E) and Clinton Swing Basin (23° 48'.7 S 151° 14'.3 E).

The dredge will maintain a listening watch on VHF Ch 13 and 16.

Further information can be obtained from Gladstone Harbour Control on VHF Ch 13 or Ph 07 4973 1208.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 244 – Aus 245.

705(T)/2002 AUSTRALIA - QUEENSLAND - Hay Point - Light buoy.

Date - Until 22 November 2002

Maritime Safety Queensland Notice 444(T)/2002 (IN/2002/155). (AH99/14)

Special spherical light buoy, *Fl(5) Y. 20s*, exists in position 21° 16'.12 S 149° 18'.81 E.

Chart temporarily affected – Aus 250.

706(T)/2002 AUSTRALIA - QUEENSLAND - Airlie Beach - Abel Point - Harbour works.

Maritime Safety Queensland Notice 438(T)/2002 (IN/2002/90). (AH99/440)

Construction of a breakwater, marked by flashing lights, is in progress between the following positions:

20° 16'.043 S 148° 42'.397 E

20° 15'.927 S 148° 42'.436 E

20° 15'.849 S 148° 42'.614 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 253 – Aus 268.

707(T)/2002 AUSTRALIA - QUEENSLAND - Townsville - Ross River - Dredging completed.

Former Notice - 548(T)/2002 is cancelled

Maritime Safety Queensland Notices 426 & 433/2002 (IN/2002/55 & 154) (AH99/252)

Cancel this notice on receipt

Chart formerly affected – Aus 256 – Aus 257

708(T)/2002 AUSTRALIA - QUEENSLAND - Cairns - Smith Creek - Wreck; light buoy.

Maritime Safety Queensland Notice 436(T)/2002 (IN/2002/90). (AH98/288)

A dangerous wreck, marked by special light buoy, *Fl. Y. 2s*, exists in position 16° 57'.248 S 145° 46'.450 E.

Chart temporarily affected – Aus 263 – Aus 264.

709(T)/2002 AUSTRALIA - QUEENSLAND - Cooktown - Grassy Hill - Light restored to normal.

Former Notice - 674(T)/2002 is cancelled

List of Lights Vol K/2002 -- 3208.00

Maritime Safety Queensland Notice 439/2002 (IN/2002/91). (AH00/137-02)

Cancel this notice on receipt

Chart formerly affected – Aus 270 – Aus 373 – Aus 831

710(T)/2002 PAPUA NEW GUINEA - Goschen Strait - Kegawam Island - Light unlit.
HMPNGS *Dreger* (IN/2002/95). (AH99/44)

Kegawam Island light (10° 21'.2 S 151° 23'.1 E) is unlit.

Chart temporarily affected – Aus 381 – Aus 630 – Aus 4621.

711(T)/2002 PAPUA NEW GUINEA - Cape Nelson - Lights unlit.
HMPNGS *Dreger* (IN/2002/95). (AH99/44)

The following lights are unlit:

Veale Reef (9° 11'.8 S 149° 28'.6 E (WGS 84))

Tufi Harbour (9° 05'.2 S 149° 19'.2 E (WGS 84))

Chart temporarily affected – Aus 384 – Aus 385 – Aus 519 – Aus 520.

712(T)/2002 AUSTRALIA - NORTHERN TERRITORY - Darwin - Middle Arm - Obstruction; buoy.
Former Notice - 283(T)/1999 is cancelled
Darwin Port Authority (IN/2002/258). (AH99/27)

An obstruction, 1.0M long and 0.6M wide, exists in Middle Arm between the following positions:

12° 31'.2 S 130° 50'.5 E

12° 31'.9 S 130° 51'.2 E

A buoy, marking the SE extremity of the obstruction, exists in position 12° 31'.97 S 130° 51'.12 E.

Mariners are advised to navigate with caution in the vicinity.

Chart temporarily affected – Aus 26.

713(T)/2002 WESTERN AUSTRALIA - Geraldton – Light buoy; Racon discontinued.
Geraldton Port Authority (IN/2002/256). (AH99/30)

The fairway buoy, (28° 45'.90 S 114° 32'.75 E) has been replaced by a special spar light buoy, Q. Y, without topmark.

The Racon, (G), has been temporarily discontinued.

Chart temporarily affected – Aus 81 – Aus 751.

714(T)/2002 WESTERN AUSTRALIA - Geraldton - Buoyage.

List of Lights Vol K/2002 -- 1743.00, 1743.20, 1743.30, 1743.50, 1743.60, 1743.70, 1743.80, 1743.90, 1743.95
Geraldton Port Authority (IN/2002/274). (AH99/29-02, AH99/30)

Beacons in the following positions have been removed:

<i>Position</i>	<i>Remarks</i>
28° 45'.56 S 114° 35'.94 E	No 7 beacon
28° 45'.54 S 114° 36'.06 E	No 8 beacon
28° 45'.82 S 114° 36'.01 E	No 9 beacon
28° 45'.81 S 114° 36'.08 E	No 10 beacon

Beacons and buoys in the following positions are to be progressively removed:

<i>Position</i>	<i>Remarks</i>
28° 45'.41 S 114° 33'.96 E	Outer Knoll buoy
28° 45'.33 S 114° 34'.77 E	Inner Knoll buoy
28° 45'.19 S 114° 35'.22 E	No 1 Sarus tower
28° 45'.11 S 114° 35'.18 E	No 2 Sarus tower
28° 45'.19 S 114° 35'.52 E	No 3 Sarus tower
28° 45'.33 S 114° 35'.80 E	No 5 Sarus tower
28° 45'.25 S 114° 35'.89 E	No 6 Sarus tower

Temporary marks will be established and varied from time to time.

All other nav aids are lit and in position.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 81.

715(T)/2002 WESTERN AUSTRALIA - Geraldton - Buoys.

Former Notice - 510(T)/2001 is cancelled
Geraldton Port Authority (IN/2002/256). (AH99/30)

Lit waverider buoys, *Fl (3) Y. 20s*, exist in the following positions:

28° 45'.38 S 114° 34'.01 E
28° 45'.36 S 114° 35'.22 E

Chart temporarily affected – Aus 81.

716(T)/2002 WESTERN AUSTRALIA - Geraldton - Fish farm removed.

Geraldton Port Authority (IN/2002/256). (AH99/130)

The fish farm (28° 46'.1 S 114° 36'.2 E) has been removed.

Chart temporarily affected – Aus 81.

717(T)/2002 WESTERN AUSTRALIA - Esperance - Lion Island - Mooring buoys eastward.

Date - Until 27 September 2004
Esperance Port Authority (IN/2002/94). (AH98/280)

Red and white mooring buoys exist in the following positions:

<i>Position</i>	<i>Number of buoys</i>
33° 52'.78 S 122° 01'.673 E	8
33° 52'.77 S 122° 01'.722 E	2
33° 52'.79 S 122° 01'.715 E	2
33° 52'.77 S 122° 01'.740 E	2
33° 52'.80 S 122° 01'.739 E	2
33° 52'.84 S 122° 01'.994 E	2
33° 52'.90 S 122° 01'.975 E	2

Mariners are advised to navigate with caution in the vicinity.

Chart temporarily affected – Aus 119.

718(T)/2002 SOUTH AUSTRALIA - Port Adelaide - Light beacon destroyed; buoy.
Transport SA Notice 51/2002 (IN/2002/272). (AH99/35)

Port lateral light beacon, No 10 (34° 45'.93 S 138° 29'.37 E) has been destroyed; a pink spherical buoy exists in situ.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 137.

719(T)/2002 AUSTRALIA - TASMANIA - Bruny Island - Little Fancy Bay - Marine farm.
MAST Notice M62-02 (IN/2002/201). (AH99/387)

Special spar light buoys, *Fl. Y*, marking the extremities of a scallop spat collection lease, exist in the following positions:
43° 13'.04 S 147° 19'.72 E
43° 13'.11 S 147° 19'.56 E

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 173.

720(T)/2002 AUSTRALIA - TASMANIA - Frederick Henry Bay - Obstructions removed.
Former Notice - 557(T)/2002 is cancelled
MHQAUST (IN/2002/259). (AH99/177)

Cancel this notice on receipt

Chart formerly affected - Aus171 - Aus795

721(T)/2002 AUSTRALIA - VICTORIA - Port Phillip - Williamstown - Harbour works.
Date - Until 20 December 2002
Victorian Notice 56(T)/2002 (IN/2002/53). (AH00/275)

Pile driving operations associated with Gem Pier redevelopment are in progress in position 37° 51'.72 S 144° 54'.32 E.

Works will be carried out in daylight hours and all barges, equipment and driven piles will be marked with flashing yellow lights.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 154.

722(T)/2002 AUSTRALIA - VICTORIA - Western Port - Declared depth restored.
Former Notice - 139(T)/1997 is cancelled
Port of Hastings Notice 57/02 (IN/2002/153). (AH01/1)

Cancel this notice on receipt

Chart formerly affected – Aus 151 – Aus 152

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 18 October 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

- 282 Cancelled.
- 283 NW Coast. Drill rig *Ensco 56* in position 20° 29'.0 S 115° 42'.7 E. 2.5M clearance requested.
- 284 Cancelled.
- 285 Cancelled.
- 286 Cancelled.
- 287 Cancelled.
- 288 Cancelled.
- 289 Cancelled.
- 290 Cancelled.
- 291 NE Coast. Piper Island Racon established in position 20° 29'.0 S 115° 42'.7 E, Character morse code "G"; ; Frequency X-Band and S-Band; On Period on 30 sec off 30 sec; Structure common to main light; Elevation 12m; Nominal Range X-Band 13-20M, S-Band 17-22M
- 292 Cancelled.
- 293 Cancelled.
- 294 Cancelled.
- 295 Cancelled.
- 296 Cancelled.
- 297 SE Coast. Seismic survey vessel *Searanger* conducting underwater operations in position 39° 50'.0 S 145° 49'.0 E.
- 298 SE Coast. Seismic survey vessel *Geco Beta* towing six 3M cables in area bounded by 37° 40'.0 S to 38° 08'.0 S and 139° 50'.0 E to 140° 22'.0 E.
- 299 N Coast. Varzin Passage C4 buoy (10° 31'.61 S 141° 56'.73 E) replaced in position.
- 300 NW Coast. Drill rig *Sedco 703* in position 19° 15'.8 S 116° 37'.7 E. 2.5M clearance requested.

NAVAREA X WARNINGS

Nil issued

Navigational warnings in force as at 030001UTC OCT 02.

Auscoast

256 259 262 264 283 291 297 298 299 300.

Navarea X

001 006 007 008.

Summary of mobile drilling rigs as at 030001UTC OCT 02.

<i>Name</i>	<i>Position</i>
Energy Searcher	9° 20'.2 S 130° 21'.1 E
Ensco 104	11° 01'.0 S 126° 35'.0 E
Sedco 703	19° 15'.8 S 116° 37'.7 E
Ensco 56	20° 29'.0 S 115° 42'.7 E
Sedco 702	27° 22'.5 S 112° 55'.5 E

NAVAREA XIV WARNINGS

- 169 Cancelled.
- 170 Cancelled.
- 171 Cancelled.
- 172 Cancelled.

Navarea XIV warnings in force as at 030001UTC OCT 02.

Nil.

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
PNG- Buka Passage	Conspic objects Tidal stream	HMAS <i>Labuan</i>	
Cape Nelson	Light	HMPNGS <i>Dreger</i>	
Greaves Reef	Light		
Veale Reef	Light		
Stewart Reef	Light		
Ham Reef	Light		
Kegawam Island	Light		
Hibwa Island	Light		
QLD- Otter Reef	Wreck	HMAS <i>Diamantina</i>	
Macona Inlet	Light beacon	SV <i>Utopia</i>	J Fletcher
WA- Vansittart Bay to Talbot Bay	Shoals Nomenclature	MV <i>Christine</i>	D Verbakel