



Australian Notices to Mariners are the authority for correcting Australian Charts

*The Hydrographer and Staff of the Australian Hydrographic Service
wish all users of Australian Charts a Merry Christmas,
a Happy New Year and safe, successful voyages in 2003.*

AUSTRALIAN NOTICES TO MARINERS

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Notices 820 - 861

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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Edition No 26

27 December 2002

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820 AUSTRALIA – Publications.

AHS (IN/2002/915, IN/2002/1000 & IN/2002/1001) (AH99/229-02, AH99/139-02, AH99/228)

New Chart

Chart	Published	Title, limits and description of amendments	Scale	Folio	Index Chart	Price
Aus 452	1/11/2002	Australian Antarctic Territory - Cape Rundingen to Cape Filchner 65° 07' 00" S - 68° 10' 30" S 79° 45' 00" E - 92° 10' 00" E <i>New chart providing improved coverage of the Antarctic coast. Chart datums are referred to WGS84 and LAT.</i>	1:500 000	1	Aus 65001	\$25.65
Aus 811	18/10/2002	Australia – East Coast - New South Wales - Crowdy Head to Nambucca Heads 30° 36' 24" S - 31° 57' 00" S 152° 37' 00" E – 153° 36' 24" E <i>New metric chart with amended limits and general updating throughout; title has been changed. Chart datums are referred to WGS84 and LAT.</i>	1:150 000	7	Aus 65001	\$25.65
Aus 833	18/10/2002	Australia - East Coast – Queensland - Barrow Point to Claremont Isles 13° 35' 00" S - 14° 33' 00" S 143° 35' 12" E - 145° 09' 12" E <i>New chart with general updating throughout including maritime boundaries. Chart datums are referred to WGS84 and LAT.</i>	1:150 000	8	Aus 65000	\$25.65
Aus 4621 (INT 621)	18/10/2002	Coral and Solomon Seas – Mackay to Solomon Islands 7° 04' 00" S - 22° 40' 00" S 148° 00' 00" E - 157° 30' 00" E <i>New chart, limits have been moved eastward and the title amended.</i> <i>Note: This chart is affected by Notices to Mariners 193(T)/2000, 255(T)/2001, 511(T)/2002 & 710(T)/2002</i>	1:1 500 000	1	Aus 65000 & Aus 65001	\$25.65

New Edition

Chart	Published	Title and description of amendments	Scale	Folio	Index Chart	Price
Aus 134	1/11/2002	Australia - South Coast – South Australia - Port Lincoln and Approaches Plan: Proper Bay Port Lincoln Wharves <i>New edition, with general updating throughout. Chart datums are referred to WGS84 datum and LAT.</i>	1:50 000 1:10 000 1:7 500	5	Aus 65001	\$25.65
Aus 776	1/11/2002	Australia - South Coast - South Australia - Williams Island to Winceby Island <i>New edition, with general updating throughout. Chart datums are referred to WGS84 and LAT.</i>	1:150 000	5	Aus 65001	\$25.65

Miscellaneous chart renumbered

Chart	New Chart Number	Remarks
Aus 69019	AZ 65250	Fleet use only.

Chart permanently withdrawn

Chart	On publication of new chart/new edition
Aus 134	Aus 134
Aus 776	Aus 776
Aus 811	Aus 811
Aus 833	Aus 833
Aus 4621	Aus 4621

821 AUSTRALIA - Publication - Amendment to Australian National Tide Tables - Seafarer Tides.

AHS (IN/2002/1081). (AH01/0138)

Users of the 2003 electronic version of the Australian National Tide Tables (*Seafarer*® Tides on CD), are advised that due to production problems, tabulated slack and maximum times and rates of tidal stream flows for Hammond Rock and The Rip are incorrect. The values shown in the graphical display above the tabulated values are correct.

Users are advised to visit www.hydro.gov.au for a downloadable 'patch'. An updated version CD will be distributed to all users as soon as possible.

822 AUSTRALIA - Miscellaneous corrections.

AHS (IN/2002/999). (AH99/243)

Aus 362 [726/2002]

Amend	Aus 811 magenta limits		
	South	31° 57'.11 S	153° 36'.42 E
	East		152° 37'.02 E
	West		

On certain copies only

legend WESTWARD to read EASTWARD		32° 04'.5 S	151° 30'.0 E
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Aus 363 [788/2002]

Amend	Aus 811 magenta limits as follows:		
	North	30° 36'.50 S	
	East		153° 36'.42 E
	West		152° 37'.02 E

Aus 451 [212/2002]

Insert	magenta legend, <i>Adjoining Chart Aus 452</i> , in E border	66° 45'.0 S	
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Aus 777 [769/2002]

Insert	20m contour between	34° 22'.5 S	137° 21'.5 E
		34° 21'.8 S	137° 21'.9 E

Delete	20m contour between	34° 22'.5 S	137° 20'.7 E
		34° 21'.8 S	137° 21'.9 E

Aus 4074 (INT 74) [370/2001]

Insert	magenta limits, with legend <i>Aus 452</i> in NW corner		
	North	65° 07'.0 S	
	South	68° 10'.5 S	
	East		92° 10'.0 E
	West		79° 45'.0 E

823* AUSTRALIA - NEW SOUTH WALES - Clarence River - Bearing amended.

AHS (IN/2002/908). (AH99/19-03)

Aus 220 (plan, Clarence River Entrance) [791/2002]

Amend	legend to read 326.1 °	29° 23'.86 S	153° 20'.33 E
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Insert	legend 106.6° - 286.6°	29° 23'.26 S	153° 18'.45 E
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Delete	legend 106° 37'	29° 23'.49 S	153° 19'.74 E
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824* AUSTRALIA - QUEENSLAND - Brisbane River - Upper Lytton Reach - Dolphins; jetty.

Queensland Transport Notices 489 & 490/2002 (IN/2002/948). (AH99/207)

Aus 237 [688/2002]

Insert	dolphin	27° 25'.542 S	153° 08'.118 E
		27° 25'.520 S	153° 08'.107 E

Aus 238 [528/2002]

Insert	dolphin	27° 25'.542 S	153° 08'.118 E
		27° 25'.520 S	153° 08'.107 E

firm line between		27° 25'.668 S	153° 07'.846 E
		27° 25'.687 S	153° 07'.871 E

825* AUSTRALIA - QUEENSLAND - Gneering Shoal - Light buoy altered in position.*Former Notice - 446(T)/2002 is cancelled*

AMSA (IN/2002/823). (AH99/14)

Aus 235 [792/2002]

Move	light buoy	26° 39'.3 S	153° 12'.8 E
	to	26° 39'.37 S	153° 12'.88 E

826* AUSTRALIA - QUEENSLAND - Fairway Channel - Depths.
AHS (IN/2002/975). (AH99/175-02)

Aus 834 [534/2002]

Insert accompanying block 13° 45'.0 S 144° 07'.0 E

Substitute accompanying block for ZOC Diagram 13° 34'.0 S 143° 21'.0 E

827* AUSTRALIA - TORRES STRAIT - Great North East Channel - Depths.

AMSA (2002/5628). (AH99/175-02)

Aus 376 [691/2002]

Insert accompanying block (Part A) 10° 07'.0 S 143° 17'.0 E
accompanying block (Part B) 9° 30'.0 S 143° 35'.0 E

Note: a block to update Aus 377 is in production.

828* AUSTRALIA - CORAL SEA - Ashmore Reef - Geographical position; depths.

Former Notice - 252(P)/2002 is cancelled

LADS HI285(5) (01/6817). (AH99/179)

Aus 377 [636/2002]

Insert accompanying block 10° 15'.0 S 144° 30'.0 E

Note: a block to update Aus 4620 is in production.

829* PAPUA NEW GUINEA - Daru Island - Light removed.

List of Lights Vol K/2002 -- 3470.0

Lawson and Treloar Pty Ltd (IN/2002/971). (AH99/196)

Aus 376 [827/2002]

Delete light 9° 03'.8 S 143° 13'.1 E

Aus 378 [636/2002]

Delete light 9° 03'.8 S 143° 13'.1 E

Aus 840 [636/2002]

Delete light 9° 03'.7 S 143° 13'.1 E

AU410143

Note: the ENC cell will be amended in the January 2003 release.

830* WESTERN AUSTRALIA - Fremantle - Forrest Landing - Lights.

Former Notice - 482(T)/2000 is cancelled

List of Lights Vol K/2002 -- 1767.0, 1767.2

Fremantle Ports Notice 8/2002 (IN/2002/901). (AH99/29-02)

Aus 113 [278/2002]

Amend light to *F. Bu* (a) 32° 03'.43 S 115° 44'.11 E

Insert light *F. Bu* 32° 03'.371 S 115° 44'.174 E
pecked line from light (a) in a direction 040.9° for 800 metres, with legend 220.9°

Delete light 32° 03'.35 S 115° 44'.19 E
arc of visibility sector at light (a)

Aus 117 [605/2002]

Delete light 32° 03'.36 S 115° 44'.20 E
32° 03'.28 S 115° 44'.28 E

831* SOUTH AUSTRALIA - Port Lincoln - Kangaroo Reef - Light buoy altered in position.

Transport SA Notice 52/2002 (IN/2002/526), Flinders Ports (IN/2002/788). (AH99/36)

Aus 134 [NE 1/11/2002]

Move light buoy 34° 39'.94 S 135° 55'.48 E
to 34° 40'.03 S 135° 55'.39 E

832* AUSTRALIA - TASMANIA - Marion Bay - Buoy.
Marine and Safety Tasmania Notice M85/2002 (IN/2002/964). (AH99/39)

Aus 171 [743/2002]

Insert port lateral pillar buoy, with topmark 42° 50'.53 S 147° 53'.46 E

833* AUSTRALIA - TASMANIA - St Helens Point - Light range.
Boat Books (IN/2002/974). (AH99/38-02)

Aus 356 (plan, Georges Bay) [772/2002]

On certain copies only

Amend light range to 8M 41° 17'.0 S 148° 21'.0 E

834* AUSTRALIA - VICTORIA - Port Phillip - South Channel - Light range.

List of Lights Vol K/2002 -- 2323.25

Victorian Channels Authority (IN/2002/720). (AH99/21-02)

Aus 158 [773/2002]

Amend light range to 8M 38° 20'.2 S 144° 54'.4 E

835(T)/2002 AUSTRALIA - NEW SOUTH WALES - Green Cape to Point Danger - Scientific instruments.

Former Notice - 183(T)/2001 is cancelled
NSW PW&S (IN/2002/942). (AH98/279)

Scientific instruments, marked by light buoys, exist in the positions given below. Craft are not to use the buoys as moorings.
The most convenient chart is quoted.

<i>Location</i>	<i>Position</i>	<i>Characteristics</i>	<i>Charts</i>
Eden	37° 18'.1 S 150° 11'.1 E	Fl(5) Y. 20s	Aus 806
Batemans Bay	35° 42'.4 S 150° 20'.7 E	Fl(5) Y. 20s	Aus 807
Port Kembla	34° 28'.6 S 151° 01'.5 E	Fl(5) Y. 20s	Aus 808
* Deewhy Head	33° 46'.9 S 151° 25'.5 E	Fl(5) Y. 20s	Aus 197
Crowdy Head	31° 49'.5 S 152° 51'.6 E	Fl(5) Y. 20s	Aus 810
* Coffs Harbour	30° 21'.6 S 153° 16'.4 E	Fl(5) Y. 20s	Aus 812
Byron Bay	28° 49'.2 S 153° 43'.6 E	Fl(5) Y. 20s	Aus 813

* Indicates new or revised entry.

Chart temporarily affected – Aus 197 – Aus 806 – Aus 807 – Aus 808 – Aus 810 – Aus 812 – Aus 813.

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

Former Notice - 701(T)/2002 is cancelled.
MHQAUST (IN/2002/1083). (AH00/216)

Cancel this notice on receipt.

Chart formerly affected – Aus 193

837(T)/2002 AUSTRALIA - NEW SOUTH WALES - Shellharbour - Scientific instrument.

Date - Until 1 December 2003
Lawson and Treloar Pty Ltd (IN/2002/947). (AH98/279)

A special spherical light buoy, Fl(5) Y. 20s, exists in position 34° 35'.13 S 150° 53'.28 E.

Chart temporarily affected – Aus 808.

838(P)/2002 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Pipeline; jetty.

Date - On or about 31 October 2003
Vivendi Water (IN/2002/1044). (AH99/303)

An ocean outfall pipeline, is under construction between the following positions (WGS 84):

34° 26'.727 S 150° 54'.022 E
34° 26'.998 S 150° 54'.587 E.

A jetty used in construction of the outfall, exists from the HWL to 34° 26'.808 S 150° 54'.192 E.
Mariners are advised to navigate with caution in the area.

Chart which will be affected – Aus 195.

839(P)/2002 AUSTRALIA - NEW SOUTH WALES - Brisbane Waters - Light beacons to be discontinued.

Date – On or about 24 December 2002
Waterways NSW (IN/2002/1090). (AH99/19-03)

Light beacons will be discontinued as follows:

<i>Type</i>	<i>Position</i>
Starboard lateral	33° 28'.33 S 151° 20'.04 E
Starboard lateral	33° 28'.29 S 151° 20'.09 E
Starboard lateral	33° 28'.25 S 151° 20'.19 E
Port lateral	33° 28'.24 S 151° 20'.18 E
South cardinal	33° 28'.38 S 151° 19'.98 E

Chart which will be affected – Aus 216.

840(T)/2002 AUSTRALIA - NEW SOUTH WALES - Newcastle - Military practice completed.

Former Notice - 746(T)/2002 is cancelled
RAAF Williamstown (IN/2002/554). (AH00/216)

Cancel this notice on receipt.

Chart formerly affected – Aus 361 – Aus 362 – Aus 424 – Aus 809 – Aus 810

841(T)/2002 AUSTRALIA - QUEENSLAND - Bundaberg - Long Reach - Cable ferry operations ceased.

Former Notice - 484(T)/2002 is cancelled
Maritime Safety Queensland Notice 506/2002 (IN/2002/1002). (AH99/311)

Cancel this notice on receipt.

Chart formerly affected – Aus 243

842(T)/2002 AUSTRALIA - QUEENSLAND - Pioneer Bay - Wreck; light buoy.

Maritime Safety Queensland Notice 519(T)/2002 (IN/2002/1086). (AH98/292)

A wreck, marked by special light buoy *Fl. Y. 2.5s*, exists in position 20° 15'.91 S 148° 43'.21 E.**Chart temporarily affected – Aus 252 – Aus 253 – Aus 268 – Aus 824.****843(T)/2002 AUSTRALIA - QUEENSLAND - Mourilyan - Depth information.***Former Notice* - 616(T)/2002 is cancelled

Maritime Safety Queensland Notice 509(T)/2002 (IN/2002/1023). (AH99/251)

Available depths as at 4 December 2002:

	<i>Metres</i>
* Departure Channel	9.6
Inner Channel	9.6
Swing Basin	6.7
Sugar Berth	10.1

*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° 35'.97 S 146° 07'.53 E).

Shoal patches exist close SSE of special light beacon (17° 35'.45 S 146° 08'.41 E).

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 258.**844(T)/2002 AUSTRALIA - QUEENSLAND - Cairns - Depth information.***Former Notice* - 751(T)/2002 is cancelled

Maritime Safety Queensland Notice 510(T)/2002 (IN/2002/1023). (AH99/393)

Available depths as at 4 December 2002:

	<i>Metres</i>	<i>Remarks</i>
Entrance Channel	8.3	
Crystal Swing Basin at:		
360 metre diameter	6.8	
380 metre diameter	6.2	
Swing Basin at:		
310 metre diameter	8.1	
320 metre diameter	7.2	
Marlin Marina	2.1	
Berths:		
* No 1	8.7	
* No 2	8.4	
* No 3	8.4	
* No 4	8.4	
* No 5	8.4	
* No 6	8.4	between 500 metres and 550 metres
* No 6	7.0	between 550 metres and 600 metres
No 7	10.0	
No 8	10.0	
No 10	9.2	
* No 12	10.4	
Smith Creek 1	5.5	

* Indicates new or revised entry.

Chart temporarily affected – Aus 262 – Aus 263 – Aus 264 – Aus 830.**845(T)/2002 AUSTRALIA - QUEENSLAND - Cooktown - Depth information.***Former Notice* - 619(T)/2002 is cancelled

Maritime Safety Queensland Notice 511(T)/2002 (IN/2002/1023). (AH99/141)

Available depths as at 4 December 2002:

	<i>Metres</i>
* Outer Channel	2.0
Public Wharf	3.0

*Indicates new or revised entry.

Chart temporarily affected – Aus 270.**846(P)/2002 AUSTRALIA - QUEENSLAND - Caldbeck Reef - Light alteration postponed.***Former Notice* - 777(P)/2002 is cancelled

List of Lights Vol K/2002 -- 3282.00

AMSA ATH 2002/49 (IN/2002/1069). (AH00/137-02)

The light alteration for Caldbeck Reef has been postponed until May 2003.

Cancel this notice on receipt.

Chart which will be affected – Aus 376 – Aus 837 – Aus 839 - AU411143.

847(T)/2002 AUSTRALIA - TORRES STRAIT - Warrior Reefs - Parakari Reef - Tide gauge.

Date - Until 1 March 2003

HMAS Shepparton (IN/2002/1044). (AH99/516)

A tide gauge exists in position 9° 17'.61 S 143° 03'.49 E.
Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 840.

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

Former Notice - 584(T)/2002 is cancelled

Maritime Safety Queensland Notice 512(T)/2002 (IN/2002/1023). (AH00/178)

Available depths as at 4 December 2002:

	<i>Metres</i>
South Channel	10.8
Departure Channel	10.8
Cora Bank South Channel	7.3
Humbug Point Approaches	8.6
Humbug Point Berth	9.5
* Evans Landing	9.6
Lorim Point East	12.3
Lorim Point West	12.3

*Indicates new or revised entry.

Shoal depths to 12.0m exist in the NW corner of Lorim Point West berth pocket.
Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 4 - AU413141 - AU5__4P1.

849(T)/2002 AUSTRALIA - NORTHERN TERRITORY - Troubadour Shoals - Scientific instruments.

Former Notice - 552(T)/2002 is cancelled

WNI Oceanographers and Meteorologists (IN/2002/1078). (AH98/148)

Scientific instruments, marked by white floats, exist in positions (WGS 84) as follows:

11° 32'.76 S 128° 14'.54 E
11° 32'.46 S 128° 14'.43 E
11° 09'.78 S 128° 10'.90 E
11° 09'.88 S 128° 10'.70 E
10° 25'.46 S 128° 13'.59 E
10° 25'.49 S 128° 13'.32 E
9° 49'.63 S 128° 10'.18 E
9° 49'.62 S 128° 09'.92 E
9° 38'.27 S 128° 07'.50 E
9° 38'.27 S 128° 07'.19 E

* Indicates new or revised position.

Mariners are not to use the buoys as moorings.

Chart temporarily affected – Aus 309 – Aus 311 – Aus 315.

850(T)/2002 AUSTRALIA - TIMOR SEA - Sahul Banks - Scientific instruments.

WNI Oceanographers & Meteorologists (IN/2002/1092). (AH99/212)

Scientific instruments, marked by a special light buoy, FI(5) Y. 20s, without topmark, exist in position 11° 03'.2 S 126° 38'.5 E (WGS 84).

Chart temporarily affected – Aus 312.

851(P)/2002 WESTERN AUSTRALIA - Exmouth - Differential global positioning system.

Date - On or about 17 December 2002

AMSA ATH 2002/41 (IN/2002/961). (AH99/34)

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

Position	21° 53'.16 S 114° 07'.98 E
Transmit Frequency	297 kHz
Tx Rate	200bps
Reference Station ID	015
Transmit Station ID	715
Nominal Range	200 M
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 61 – Aus 63 – Aus 64 – Aus 72 – Aus 327 – Aus 328 – Aus 329 – Aus 330 – Aus 331 – Aus 415 – Aus 416 – Aus 742 – Aus 743 – Aus 744 – Aus 745 – Aus 747.

852(T)/2002 WESTERN AUSTRALIA - Geraldton - Light buoy.

Geraldton Port Authority (IN/2002/1080). (AH99/30)

A light buoy Q. Y, exists in position 28° 43'.5 S 114° 35'.4 E.

Chart temporarily affected – Aus 81 – Aus 751.

853(T)/2002 WESTERN AUSTRALIA - Geraldton - Precautionary area and dredging operations.

Former Notice - 676(T)/2002 is cancelled

Geraldton Port Authority (02/6387), (IN/2002/59 & IN/2002/935). (AH99/30, AH99/542, AH02/165)

Due to dredging operations in Geraldton Port and Champion Bay by dredges *Cooper2* and *Seabird*, Cutter Suction Dredge *Leonardo de Vinci* and Hopper Dredges *Nina* and *Pinta*, the entire port waters of Geraldton have been declared a precautionary area. Two box anchors, with lit pontoons Q. Y, exist in the vicinity of dredges, and will be moved at frequent intervals.

An area 200m either side of the centre of the main shipping channel and the Champion Bay Channel is restricted to commercial shipping.

Access to the Commercial Shipping Harbour waters and the North/South Channel area is prohibited. Written permission for entry into these areas is required from the Harbour Master. Delineation of the prohibited area is marked by a series of special light buoys, Q. Y, and a continuous line of floats interconnected by rope as follows:

28° 46'.15 S 114° 35'.94 E
28° 45'.73 S 114° 35'.94 E
28° 45'.73 S 114° 36'.20 E
28° 46'.28 S 114° 36'.20 E
28° 46'.45 S 114° 36'.11 E

The following VHF channels are relevant:

Safety and calling	VHF Ch 16
Port Control	VHF Ch 11
Port operations/pilotage/towage	VHF Ch 6
Dredging operations	VHF Ch 8

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 81 – Aus 751.

854(P)/2002 WESTERN AUSTRALIA - Cockburn Sound - Jervoise Bay - Harbour works.

Former Notice - 63(T)/2001 is cancelled

Fremantle Port Authority Notice 7/2002 (02/5421). (AH99/29-02, AH00/305)

A breakwater exists between the following positions:

32° 09'.07 S 115° 45'.62 E
32° 09'.12 S 115° 45'.66 E
32° 09'.26 S 115° 45'.60 E
32° 09'.36 S 115° 45'.51 E
32° 09'.71 S 115° 45'.62 E

The breakwater between 32° 09'.07 S 115° 45'.72 E and 32° 09'.12 S 115° 45'.66 E has been removed.

Reclamation has taken place between the following positions:

32° 09'.72 S 115° 46'.13 E
32° 09'.74 S 115° 46'.04 E
32° 10'.03 S 115° 46'.05 E
32° 10'.02 S 115° 46'.23 E

Light beacons, marking the entrance channel into the Jervoise Bay development, have been established as follows:

Position	Characteristic	Remarks
32° 09'.065 S 115° 45'.610 E	V. Q	north cardinal
32° 09'.042 S 115° 45'.696 E	Fl. R. 2s and F. Bu	port lateral and front lead
32° 08'.945 S 115° 45'.696 E	F. Bu	rear lead (leading lights 000°)

Note: this information will be incorporated in the new edition of Aus 114 currently in production.

Chart which will be affected – Aus 114 – Aus 117.

855(T)/2002 WESTERN AUSTRALIA - Albany - Mooring buoy replaced in position.

Former Notice - 588(T)/2002 is cancelled

Fleet Base West (IN/2002/1076). (AH99/30)

Cancel this notice on receipt .

Chart formerly affected – Aus 109 – Aus 110 – Aus 118

856(P)/2002 SOUTH AUSTRALIA - Kangaroo Island - Snapper Point - Light to be discontinued.

Date - On or about 10 February 2003

List of Lights Vol K/2002 -- 2108.00

AMSA ATH 2002/42 (IN/2002/1003). (AH99/35)

The light (35° 44'.7 S 138° 02'.5 E) will be permanently discontinued.

Chart which will be affected – Aus 345 – Aus 346 – Aus 444 – Aus 780.

857(P)/2002 SOUTH AUSTRALIA - Kangaroo Island - Cape St Alban - Light to be altered.

Date - On or about 18 February 2003

List of Lights Vol K/2002 -- 2110.00

AMSA ATH 2002/45 (IN/2002/1006). (AH99/35)

The light (35° 48'.3 S 138° 07'.6 E) will be altered to *Fl. 5s 48m 14M*, with an arc of visibility from 118° to 005° (247°).

Chart which will be affected – Aus 345 – Aus 346 – Aus 347 – Aus 444 – Aus 780.

858(P)/2002 SOUTH AUSTRALIA - Kangaroo Island - Cape Willoughby - Light to be altered.

Date - On or about 19 February 2003

List of Lights Vol K/2002 -- 2112.00

AMSA ATH 2002/46 (IN/2002/1007). (AH99/35)

The light (35° 50'.5 S 138° 08'.0 E) will be altered to *Fl(3) 15s 75m 11M*, with an arc of visibility from 171° to 050° (239°).

Chart which will be affected – Aus 345 – Aus 346 – Aus 347 – Aus 444 – Aus 780.

859(P)/2002 SOUTH AUSTRALIA - South Page - Light to be altered.

Date - On or about 15 February 2003

List of Lights Vol K/2002 -- 2114.00

AMSA ATH 2002/43 & 44 (IN/2002/1004 & 1005). (AH99/35)

The light (35° 46'.7 S 138° 17'.5 E) will be altered to *Fl. 10s 27m 19M & Iso. R. 2s 26m 10M*.

The red light will have an arc of visibility from 105° to 120° (15°).

Chart which will be affected – Aus 345 – Aus 346 – Aus 347 – Aus 444 – Aus 780.

860(P)/2002 SOUTH AUSTRALIA - Cape Banks - Light to be altered.

Date - On or about 21 February 2003

List of Lights Vol K/2002 -- 2130.00

AMSA ATH 2002/47 (IN/2002/1008). (AH99/35)

The light (37° 53'.9 S 140° 22'.6 E) will be altered to *Fl(2) 10s 25m 18M*.

Chart which will be affected – Aus 348.

861(T)/2002 AUSTRALIA - VICTORIA - Port Phillip - Geelong - Harbour works.

Date - Until 30 May 2003

Victorian Notice 67(T)/2002 (IN/2002/962). (AH00/275)

Crane barge *Robert Purnell* is conducting harbour works at Refinery Pier.

The barge will be moved to a lit mooring buoy, Q. Y, in position 38° 05'.4 S 144° 23'.0 E, during commercial shipping operations.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 157.

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 13 December 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

- 342 Cancelled.
- 343 SW Coast. Seismic survey vessel *Veritas Searcher* towing 5M cables in area 27° 45'.0 S to 29° 10'.0 S and 112° 00'.0 E to 114° 00'.0 E.
- 344 Cancelled.
- 345 NW Coast. Seismic survey vessel *Pacific Sword* towing two 3M cables in area 20° 00'.0 S to 20° 45'.0 S and 114° 30'.0 E to 115° 20'.0 E.
- 346 Cancelled.
- 347 Cancelled.
- 348 Cancelled.
- 349 Cancelled.
- 350 Cancelled.
- 351 NW Coast. Drill rig *Ensco 56* in position 21° 19'.6 S 115° 06'.0 E. 2.5M clearance requested.
- 352 Cancelled.
- 353 Cancelled.
- 354 Cancelled.
- 355 E Coast. Sydney DGPS ALRS 3184 (33° 59'.0 S 150° 59'.0 E) temporarily discontinued.

NAVAREA X WARNINGS

Nil issued

Navigational warnings in force as at 120001UTC DEC 02.

Auscoast

310 328 331 334 337 338 339 341 343 345 351 355.

Navarea X

001.

Summary of mobile drilling rigs as at 120001UTC DEC 02.

<i>Name</i>	<i>Position</i>
Ensco 104	11° 01'.0 S 126° 35'.0 E
Glomar Jack Ryan	18° 17'.2 S 117° 07'.7 E
Ensco 56	21° 19'.6 S 115° 06'.0 E
Atwood Falcon	21° 30'.6 S 113° 51'.3 E
Sedco 702	38° 42'.5 S 142° 57'.5 E

NAVAREA XIV WARNINGS

- 187 Cancelled.
- 188 Cancelled.
- 189 Cancelled.
- 190 Cancelled.
- 191 Cancelled.
- 192 Cancelled.
- 193 Cancelled.
- 194 Cancelled.
- 195 Cancelled.

Navarea XIV warnings in force as at 120001UTC DEC 02.

177.

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
TAS- Furneaux Group	Depth	MV <i>Kari-Ann</i>	