



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 619-661

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.

Notices to Mariners information relating to British Admiralty Publications unavailable on this web site at this stage but still available in printed form:-

Section II. Amendments to Admiralty List of Lights, Vol K.
Section V. Amendments to Admiralty List of Radio Signals.
Section VI. Amendments to Sailing Directions.

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

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

Mariners are particularly requested to notify the AUSTRALIAN HYDROGRAPHIC SERVICE, Locked Bag 8801 South Coast Mail Centre, NSW 2521 (Fax 02-4221 8599, e-mail hni.hydro@navy.gov.au or, alternatively by filling in and submitting the **Hydrographic Notes forms 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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9 November 01

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619 AUSTRALIA - Publication

AHS (01/8364), Admiralty Notices Edition 40/2001 (01/8215). (AH99/229-02, AH99/226-02)

New chart

<i>Chart</i>	<i>Published</i>	<i>Title, limits and description of amendments</i>	<i>Scale</i>	<i>Folio</i>	<i>Index Chart</i>	<i>Price</i>
Aus 646	14/09/2001	Papua New Guinea – North Coast - Approaches to Madang 5° 02' 54" S - 5° 16' 12" S 145° 46' 00" E - 145° 53' 45" E Plan: Madang Harbour 5° 11' 08" S – 5° 13' 48" S 145° 47' 24" E – 145° 50' 00" E <i>New metric chart of replacing plans on Aus 654, providing improved coverage of the approaches to Madang. Chart datums are referred to WGS84 and LAT</i>	1:37 500 1:7 500	11	Aus 65000	\$25.65

New chart to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 216	Australia - East Coast - New South Wales - Lion Island to Brisbane Water	1:15 000
Aus 348	Australia – South Coast - Cape Martin to Cape Nelson Plan: Port Macdonnell	1:300 000 1:15 000

New edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 280	Australia - East Coast - Queensland - Plans in North Queensland Plan: Magpie Reef to Eden Reef Flinders Group	 1:75 000 1:50 000

New edition of British Admiralty publication

<i>NP No</i>	<i>Title</i>	<i>Date</i>	<i>RRP(UK)</i>	<i>Remarks</i>
NP 39	South Indian Ocean Pilot (Tenth Edition 2001).	15/03/01	£36.50	This edition supersedes South Indian Ocean pilot (Ninth Edition 1990) and Supplement No 4 (1999) which are thereby cancelled
NP 286(4)	Admiralty List of Radio Signals. Pilot Services, Vessel Traffic Services and Port Operations. Part 4 Asia and Australasia.	11/10/01	£26.50	The 2000/01 edition of NP 286(4) is cancelled and replaced by the 2001/02 edition.

620 AUSTRALIA - Admiralty Publications - Selected current hydrographic publications.

British Admiralty Notice 40/4020/01 (01/8214). (AH99/226-02)

(Corrected 29 September 2001)
(Former BA Notice 2788/01 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	Antarctica Pilot	5th (1997)	
13	Australia Pilot Vol I	7th (1992)	3/2001
14 ‡ †	Australia Pilot Vol II (10/05/02)	7th (1999)	
15 ‡	Australia Pilot Vol III	8th (1999)	
17	Australia Pilot Vol V	7th (1992)	2/1997
33	Philippine Islands Pilot	1st (1978)	11/2000
34 ‡	Indonesia Pilot Vol II	2nd (1999)	
35 †	Indonesia Pilot Vol III (23/01/02)	1st (1980)	9/1996
36 ‡	Indonesia Pilot Vol I	3rd (1999)	
39 †	South Indian Ocean Pilot (21/10/01)	9th (1990)	4/1999
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 Mariners 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; scheduled publishing date in brackets

* 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>Remarks</i>
83	Volume K, 2001/02	Next Edition January 2002

(3) Admiralty List of Radio Signals

<i>NP No</i>	<i>Current Edition</i>	<i>Remarks</i>
281(2)	Volume 1, 2001/02 – Part 2 – Coast Radio Stations – Philippine Islands, Indonesia, Australasia, the Americas, Greenland and Iceland	Published July 2001
282	Volume 2, 2001 – Radio Navigation Aids, Electronic Position Fixing Systems and Radio Time Signals	Published February 2001
283(2)	Volume 3, 2001/02 – Part 2 – Radio Weather Services and Navigational Warnings – Philippine Islands, Indonesia, Australasia, the Americas, Greenland and Iceland	Published June 2001
284	Volume 4, 2001/02 – Meteorological Observation Stations	Published June 2001
285	Volume 5, 2001/02 – Global Maritime Distress and Safety System (GMDSS)	Published July 2001
286(4)	Volume 6, 2001/02 – Part 4 – Pilot Services, Vessel Traffic Services and Port Operations – Asia and Australia	Published October 2001
286(5)	Volume 6, 2001/02 – Part 5 – Pilot Services, Vessel Traffic Services and Port Operations – Americas and Antarctica	Published October 2001
288	Volume 8, 2001/02 – Satellite Navigation Systems	Published April 2001

(4) Tidal Publications

<i>NP No</i>	<i>Admiralty Tide Tables</i> (corrected by Annual Notice to Mariners 1/2001)	
203-01	Volume 3	Indian Ocean and South China Sea (including Tidal Stream Tables)
204-01	Volume 4	Pacific Ocean (including Tidal Stream Tables)

<i>NP No</i>	<i>Co-Tidal Atlas</i>	
215	Edition 1	South East Asia, 1979

<i>DP No</i>	<i>Admiralty Tidal Prediction Software</i>	<i>Edition</i>
550	TotalTide CD-ROM	May 2001
560	Simplified Harmonic Method of Tidal Prediction (SHM for Windows) CD-ROM	May 2001

<i>NP No</i>	<i>Admiralty Tidal Prediction Software</i>		<i>Edition</i>
158A3	Area 3	Red Sea, The Gulf, Iran, Pakistan, India, Maldives, Sri Lanka, Chagos Arch, Bangladesh, Burma, Andaman & Nicobar Is, Indian Ocean Is.	Version 3.0
158A4	Area 4	Thailand, Peninsular Malaysia, Sumatera, Banka, Billiton, Central China Sea, Vietnam, Philippines, Cambodia.	Version 2.0
158A5	Area 5	Sulu Arch, Borneo, Sabah, Brunei, Sarawak, Kalimantan, Celebes Sea, Jawa, Sulawesi, Bali, Irian Jaya, Papua New Guinea, Bismarck Archipelago	Version 2.0
158A6	Area 6	Solomon Is, Vanuatu, Iles Loyauté, Nouvelle Calédonie, Australia.	Version 4.0
158A7	Area 7	New Zealand, Pacific Ocean Is, Samoa, Hawaii, Fiji, Marshall Is, Marianas Is, China.	Version 3.0
158A8	Area 8	Korea and Japan.	Version 2.0
158A9	Area 9	Pacific Russia, West Coast of Canada and USA, Mexico, West Coast of South America.	Version 2.0
158A10	Area 10	Antarctica, East Coast of South America, Caribbean, Bahamas, Bermuda.	Version 3.0
158A12	Area 12	Canadian Arctic, Alaska, Greenland, Iceland, Svalbard, Franz Joseph Land, Azores, Madeira, Canary Is, Cape Verde Is, West & East Coasts of Africa, Madagascar, Mauritius, Seychelles.	Version 3.0

Note: Tidecalc Area Disks will be supported until 30 November 2001, when they will be withdrawn in favour of TotalTide (DP 550).

621* AUSTRALIA - Miscellaneous correction.

AHS (01/8175). (AH99/243)

Aus 17 [NC 16/02/2001]

Substitute [accompanying note](#) 12° 02'.2 S 134° 05'.0 E

Aus 50 [630/2000]

Substitute [accompanying note](#) 17° 56'.5 S 122° 16'.5 E

Aus 52 [397/2000]

Substitute [accompanying note](#) 20° 17'.8 S 118° 30'.4 E

Aus 53 [346/2001]

Substitute [accompanying note](#) 20° 15'.3 S 118° 25'.3 E

Aus 61 [NE 27/10/2000]

Substitute [accompanying note](#) 20° 19'.7 S 115° 38'.5 E

Aus 112 [223/2001]

Substitute [accompanying note](#) 31° 55'.1 S 115° 47'.2 E

Aus 113 [292/2001]

Substitute [accompanying note](#) 32° 03'.90 S 115° 45'.15 E

Aus 137 [252/2001]

Substitute [accompanying note](#) 34° 51'.8 S 138° 31'.2 E

Aus 152 (plan, Hanns Inlet) [642/1998]

Insert [accompanying note](#) 38° 23'.45 S 145° 12'.85 E

Aus 168 [562/2000]

Substitute [accompanying note](#) 41° 16'.3 S 146° 53'.2 E

Aus 172 [475/2001]			
Substitute	accompanying note	42° 53'.2 S	147° 18'.6 E
Aus 195 [112/2001]			
Substitute	accompanying note , outside N border		150° 54'.0 E
Aus 246 [134/2001]			
Substitute	accompanying note	24° 03'.5 S	151° 24'.0 E
Aus 247 [461/2001]			
Substitute	accompanying note	23° 15'.0 S	151° 14'.0 E
Aus 250 [430/2001]			
Substitute	accompanying note , outside N border		149° 15'.1 E
Aus 301 [177/2000]			
Substitute	accompanying note	12° 36'.0 S	142° 10'.0 E
Aus 303 [350/2001]			
Substitute	accompanying note	17° 36'.0 S	139° 06'.0 E
Aus 359 [393/2001]			
Substitute	accompanying note	36° 42'.5 S	149° 30'.5 E
Aus 367 [402/2001]			
Substitute	accompanying note	23° 04'.0 S	149° 52'.5 E
Aus 375 [247/2001]			
Substitute	accompanying note	13° 12'.0 S	142° 40'.0 E
Aus 387 [316/2000]			
Insert	magenta limits, with legend Aus 646, in NE corner		
	North	5° 03'.1 S	
	South	5° 16'.3 S	
	East		145° 54'.0 E
	West		145° 46'.2 E
Substitute	accompanying note	5° 52'.5 S	145° 37'.0 E
Delete	limits, with legend Aus 654, centred on	5° 08'.5 S	145° 49'.5 E
Aus 388 [316/2000]			
Substitute	accompanying note	4° 00'.0 S	143° 46'.5 E
Aus 402 [254/1995]			
Substitute	accompanying note	68° 40'.0 S	53° 00'.0 E
Aus 410 [392/2001]			
Substitute	accompanying note	17° 25'.0 S	136° 12'.5 E
Aus 614 [683/1999]			
Substitute	accompanying note	17° 09'.0 S	150° 53'.0 E
Aus 654 [317/2000]			
Substitute	accompanying note , outside N border		147° 51'.8 E
Delete	plan, Madang Harbour to Sek Harbour plan, Madang Harbour		
Aus 747 [NE 21/07/2000]			
Substitute	accompanying note	24° 49'.5 S	113° 45'.5 E
Aus 749 [708/2000]			
Substitute	accompanying note	26° 18'.5 S	112° 46'.0 E
Aus 806 [393/2001]			
Substitute	accompanying note	36° 32'.5 S	149° 44'.0 E

Aus 809 [393/2001]Substitute [accompanying note](#)

32° 59'.5 S

151° 19'.0 E

Aus 822 [366/2001]Substitute [accompanying note](#)

22° 29'.0 S

149° 39'.0 E

Aus 839 [314/2001]Substitute [accompanying note](#)

11° 13'.6 S

142° 32'.4 E

622* AUSTRALIA - QUEENSLAND - Moreton Bay - Mud Island - Beacon permanently withdrawn.

Queensland Transport Notice 467/2001 (01/8366). (AH00/137)

Aus 236 [565/2001]

Delete west cardinal beacon

27° 20'.8 S

153° 14'.2 E

623* AUSTRALIA - QUEENSLAND - Gladstone - Nomenclature.

Queensland Transport (98/8572). (AH99/217)

Aus 246 [621/2001]Substitute legend, *Boyne Cutting*, for Boyne Island Cutting centred on

23° 55'.9 S

151° 27'.7 E

624* AUSTRALIA - QUEENSLAND - Port Alma - Raglan Creek - Light buoy moved.

Queensland Transport (01/8125). (AH99/14)

Aus247 (plan, Approaches to Port Alma) [621/2001]

Move light buoy to

23° 35'.02 S

150° 51'.92 E

23° 35'.025 S

150° 51'.934 E

Aus 247 (plan, Port Alma)

Move light buoy to

23° 35'.02 S

150° 51'.92 E

23° 35'.025 S

150° 51'.934 E

625* AUSTRALIA - QUEENSLAND - Hay Point - Depths.

Ports Corp Queensland (01/6490), Queensland Transport (01/8127). (AH99/478)

Aus 249 [522/2001]Insert depth, 9₁ m

(a) 21° 13'.49 S

149° 17'.33 E

depth, 9₅ m

(b) 21° 13'.32 S

149° 17'.56 E

depth, 9₈ m

(c) 21° 12'.99 S

149° 16'.93 E

depth, 9₉ m

(d) 21° 12'.89 S

149° 17'.33 E

enclose depths (a - d) with 10m contour

Delete depth 10m

21° 13'.05 S

149° 17'.15 E

Aus 250 (plan, Hay Point) [621/2001]Insert depth, 9₁ m, enclosed by contour

21° 13'.493 S

149° 17'.333 E

depth, 9₁ m, and extend 10 contour SE to enclose

21° 13'.129 S

149° 17'.212 E

depth, 9₅ m, enclosed by contour

21° 13'.318 S

149° 17'.560 E

Substitute depth, 13₁ m, for 12₉ m

21° 15'.76 S

149° 18'.85 E

626* AUSTRALIA - QUEENSLAND - Cape Bowling Green - Racon.
HMAS *Paluma* (01/8263). (AH99/11)

Aus 827 [543/2001]

On certain copies only

Insert	legend, <i>Racon</i> (O), centred on	19° 19'.4 S	147° 26'.4 E
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627* AUSTRALIA - CORAL SEA - Lihou Reef - Depths.

LADS Flight (01/8133). (AH99/179)

Aus 614 [621/2001]

Insert	depth, 10 ₁ m, and extend contour SW to enclose	17° 34'.37 S	151° 21'.07 E
	depth, 12m, enclosed by contour	17° 36'.56 S	151° 20'.41 E
	depth, 11 ₅ m, enclosed by contour	17° 31'.80 S	151° 22'.98 E
	depth, 3 ₅ m, enclosed by contour	17° 31'.70 S	151° 26'.35 E
	depth, 2 ₈ m, enclosed by contour	17° 32'.57 S	151° 28'.97 E
	depth, 3 ₁ m, enclosed by contour	17° 32'.35 S	151° 40'.35 E
		17° 20'.08 S	151° 39'.81 E
	depth, 4 ₁ m, enclosed by contour	17° 27'.18 S	151° 30'.52 E
	depth, 3 ₇ m, enclosed by contour	17° 13'.97 S	152° 05'.96 E
	depth, 3 ₈ m, enclosed by contour	17° 13'.34 S	151° 06'.17 E
	dangerous rock enclosed by danger circle	17° 30'.80 S	151° 29'.59 E
		17° 34'.10 S	151° 32'.34 E
		17° 25'.64 S	151° 31'.64 E
		17° 27'.28 S	151° 33'.24 E
		17° 24'.16 S	151° 38'.18 E
		17° 21'.67 S	151° 40'.47 E
		17° 22'.03 S	151° 41'.74 E
		17° 22'.64 S	151° 43'.99 E
		17° 18'.18 S	151° 46'.29 E
		17° 19'.71 S	151° 48'.22 E
		17° 19'.75 S	151° 50'.85 E
		17° 16'.86 S	151° 47'.94 E
		17° 16'.90 S	151° 51'.58 E
		17° 14'.36 S	151° 50'.92 E
		17° 17'.80 S	151° 53'.57 E
		17° 12'.49 S	151° 52'.00 E
		17° 11'.03 S	151° 51'.74 E
Substitute	depth, 2 ₉ m, for 35m	17° 32'.8 S	151° 35'.0 E
	depth, 2 ₆ m, for 49m	17° 17'.9 S	151° 43'.7 E
	dangerous rock enclosed by danger circle for 50m contour	17° 14'.9 S	151° 48'.7 E
Delete	dangerous rock enclosed by danger circle	17° 31'.5 S	151° 34'.2 E
		17° 27'.7 S	151° 33'.4 E
	legend, Rep (1999), centred on	17° 31'.0 S	151° 38'.5 E
		17° 29'.5 S	151° 42'.3 E
		17° 27'.9 S	151° 44'.4 E
	legend, (PA), centred on	17° 22'.1 S	151° 37'.0 E
	depth 60m	17° 24'.0 S	151° 38'.2 E
	depth 50m and enclosing contour	17° 20'.0 S	151° 39'.9 E
	depth 65m	17° 21'.8 S	151° 41'.6 E
	depth 46m and enclosing contour	17° 19'.8 S	151° 48'.3 E
		17° 19'.8 S	151° 51'.0 E
	depth 55m	17° 16'.9 S	151° 48'.0 E
	danger circle	17° 16'.7 S	151° 49'.3 E
		17° 17'.8 S	151° 50'.5 E
	depth 51m	17° 17'.9 S	151° 53'.5 E
	depth 14 ₈ m and legend SD	17° 34'.3 S	151° 21'.3 E
	depth 40m and enclosing contour	17° 31'.9 S	151° 26'.4 E
	depth 34m and enclosing contour	17° 17'.1 S	151° 51'.6 E
	depth 42m	17° 14'.0 S	152° 05'.7 E

628* AUSTRALIA - NORTHERN TERRITORY - Haul Round Island - Breakers northwest disproved.
 HMAS *Benalla* (01/8363). (AH99/388)

Aus 17 [621/2001]

Delete	danger circle, with legend Br Rep, centred on	11° 46'.0 S	134° 08'.1 E
	danger circle, with legend Br Rep (1955), centred on	11° 43'.0 S	134° 04'.1 E
	magenta pecked line between	11° 40'.5 S	134° 09'.4 E
		11° 46'.6 S	134° 08'.7 E
		11° 46'.6 S	134° 02'.7 E
	legend, unsurveyed, centred on	11° 41'.3 S	134° 05'.6 E
		11° 45'.9 S	134° 05'.6 E
	unsurveyed area, in ZOC diagram, centred on	12° 04'.1 S	134° 04'.5 E

Aus 442 [568/2001]

Delete	danger circle, with legend Br Rep, centred on	11° 46'.0 S	134° 09'.0 E
	danger circle, with legend Br Rep (1955), centred on	11° 43'.0 S	134° 04'.0 E

629* AUSTRALIA - NORTHERN TERRITORY - Entrance Island - Rocks.

MV *Hyland Bay* (01/8397). (AH99/388)

Aus 17 [628/2001]

Insert	rock which covers and uncovers	11° 55'.73 S	134° 10'.81 E
Substitute	height above chart datum, <u>3</u> ₅ <i>m</i> , for islet	11° 57'.07 S	134° 11'.40 E
Delete	islet	11° 55'.73 S	134° 10'.80 E
		11° 55'.73 S	134° 10'.83 E
	height, (2), centred on	11° 57'.16 S	134° 11'.48 E

630* AUSTRALIA - NORTHERN TERRITORY - Darwin - Light altered.

List of Lights Vol K/2001 -- 3328.10

HMAS *Dubbo* (01/8261), DNB (01/8607). (AH99/26)

Aus 28 (plan, Port Darwin) [602/2001]

Amend	light, to <i>F. RG. 14m 3M</i>	12° 27'.58 S	130° 49'.29 E
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631 INDONESIA - Lombok - Depths.

British Admiralty Notice 40/3969/2001 (01/8219). (AH99/234)

Aus 414 [570/2001]

Insert	depth, <i>58fm</i> , enclosed by contour	8° 58'.9 S	115° 59'.4 E
Substitute	depth, <i>8</i> ₁ <i>fm</i> , enclosed by contour, for 12fm	8° 42'.2 S	115° 53'.0 E
Delete	depth, 111fm	8° 58'.0 S	116° 01'.5 E

632 INDONESIA - Lombok Strait - Depth.

British Admiralty Notice 40/3968/2001 (01/8218). (AH99/234)

Aus 414 [631/2001]

Insert	depth, <i>73fm</i> , enclosed by contour	8° 36'.6 S	115° 43'.9 E
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633 INDONESIA - Bali - Bias Putih - Light.
British Admiralty Notice 40/3967/2001 (01/8217). (AH99/65)

Aus 414 [632/2001]

Amend	range of light to 18M	8° 31'.9 S	115° 35'.2 E
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634 INDIAN OCEAN - Arabian Sea - Murray Ridge - Depth.
British Admiralty Notice 40/3955/2001 (01/8216). (AH99/75)

Aus 4071 (INT 71) [118/2001]

Substitute	depth, 209m , for 261m	22° 58'.0 N	63° 50'.5 E
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635* WESTERN AUSTRALIA - Port Hedland - Depths.
Port Hedland Port Authority (01/7675). (AH99/394)

Aus 52 [621/2001]

Insert	depth, 7 ₂ m	20° 12'.724 S	118° 34'.820 E
	depth, 8 ₄ m	20° 12'.852 S	118° 35'.154 E
	depth, 7 ₁ m, and extend contour E to enclose	20° 12'.989 S	118° 33'.993 E
	depth, 7 ₉ m, and extend contour N to enclose	20° 13'.167 S	118° 34'.468 E
	depth, 7 ₇ m	20° 13'.347 S	118° 34'.315 E
	depth, 8 ₃ m, enclosed by contour	20° 13'.039 S	118° 34'.452 E
Delete	depth 8 ₁ m	20° 13'.32 S	118° 34'.29 E
	depth 10 ₉ m	20° 13'.04 S	118° 34'.41 E
	depth 7 ₆ m	20° 12'.78 S	118° 34'.90 E

Aus 53 [621/2001]

Insert	depth, 7 ₂ m	20° 12'.72 S	118° 34'.82 E
	depth, 7 ₁ m	20° 12'.99 S	118° 33'.99 E
	depth, 8 ₃ m, enclosed by contour	20° 13'.04 S	118° 34'.45 E
Delete	depth 7 ₆ m	20° 12'.78 S	118° 34'.90 E

Aus 739 [543/2001]

Insert	depth, 7 ₂ m	20° 12'.72 S	118° 34'.82 E
	depth, 7 ₅ m, and extend contour N to enclose	20° 11'.87 S	118° 34'.39 E
Delete	depth 7 ₆ m	20° 12'.78 S	118° 34'.90 E

636* WESTERN AUSTRALIA - Dampier - Light and light beacons altered.
Dampier Port Authority (01/8129). (AH99/29-02)

Aus 59 (plan, Withnell Bay to King Bay) [603/2001]

Amend	light to Q. G	20° 37'.57 S	116° 44'.91 E
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Aus59 (plan, Dampier Wharves)

Substitute	north cardinal light beacon, Q, with topmark, for isolated danger light beacon	20° 36'.23 S	116° 42'.91 E
Amend	light beacon to Fl. 3s	20° 38'.15 S	116° 41'.07 E

Note: Changes have been incorporated in new edition of Aus 58 presently in production.

637 WESTERN AUSTRALIA - Fremantle - Rous Head - Reclamation.
Freemantle Port Authority (01/6607). (AH00/305)

Aus 112 [621/2001]

Insert	accompanying block	32° 02'.5 S	115° 44'.2 E
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Aus 113 [621/2001]

Insert	accompanying block	32° 02'.5 S	115° 44'.2 E
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638* WESTERN AUSTRALIA - Fremantle - Light buoy.

Fremantle Port Authority (01/8170). (AH99/30)

Aus 113 [637/2001]

Insert	special spar buoy, <i>Fl.</i> Y. 5s, with topmark	32° 02'.519 S	115° 45'.117 E
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Delete	depth 8 ₆ m	32° 02'.52 S	115° 45'.11 E
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639* SOUTH AUSTRALIA - Port Lincoln - Marine farms.

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

Aus 134 [604/2001]

Insert	marine farm centred on	34° 44'.75 S	135° 57'.60 E
		34° 39'.15 S	135° 53'.63 E
		34° 40'.02 S	135° 52'.85 E
		34° 40'.13 S	135° 51'.99 E
		34° 40'.50 S	135° 52'.79 E
		34° 41'.65 S	135° 52'.10 E
		34° 41'.99 S	135° 54'.04 E
		34° 46'.26 S	135° 52'.85 E
		34° 46'.76 S	135° 53'.74 E
		34° 46'.77 S	135° 53'.09 E
		34° 47'.40 S	135° 53'.19 E
		34° 47'.41 S	135° 52'.54 E
		34° 46'.08 S	135° 50'.83 E
		34° 39'.58 S	135° 53'.52 E

Move	marine farm	34° 40'.7 S	135° 54'.3 E
	to	34° 40'.90 S	135° 54'.35 E
	marine farm	34° 43'.0 S	135° 54'.3 E
	to	34° 43'.04 S	135° 54'.90 E
	marine farm	34° 43'.6 S	135° 55'.1 E
	to	34° 43'.76 S	135° 55'.30 E
	marine farm	34° 43'.8 S	135° 56'.2 E
	to	34° 43'.86 S	135° 56'.10 E
	marine farm	34° 43'.6 S	135° 56'.4 E
	to	34° 43'.69 S	135° 56'.54 E
	marine farm	34° 44'.9 S	135° 56'.3 E
	to	34° 44'.77 S	135° 56'.93 E
	marine farm	34° 44'.8 S	135° 56'.2 E
	to	34° 44'.85 S	135° 56'.56 E

Delete	depth 11 ₉ m	34° 44'.8 S	135° 57'.6 E
	depth 12 ₂ m	34° 40'.4 S	135° 52'.8 E
	depth 10 ₃ m	34° 44'.8 S	135° 56'.9 E
	depth 15 ₂ m	34° 44'.9 S	135° 56'.5 E
		34° 40'.8 S	135° 54'.3 E
	depth 11 ₃ m	34° 44'.8 S	135° 56'.6 E
	depth 15 ₅ m	34° 43'.7 S	135° 55'.4 E

Aus 776 [604/2001]

Insert marine farm

34° 33'.32 S

136° 04'.93 E

34° 34'.02 S

135° 58'.47 E

640* AUSTRALIA - VICTORIA - Portland - Maintained depth.

Victorian Notice 57/2001 (01/8147). (AH01/52)

Aus 140 [NC 30/03/2001]

Insert aeronautical radiobeacon

38° 18'.86 S

141° 28'.40 E

Aus 140 (plan, Portland)

Insert pecked line between

38° 20'.860 S

141° 37'.210 E

38° 20'.866 S

141° 37'.237 E

legend, *Maintained depth 13.0m*, orientated 018° and centred on

38° 20'.67 S

141° 37'.30 E

Substitute 5m contour for pecked line between

38° 20'.90 S

141° 36'.78 E

38° 20'.89 S

141° 36'.72 E

Delete maintained depth area, with legend *Maintained depth 4.4m*, centred on

38° 20'.95 S

141° 36'.71 E

641* AUSTRALIA - TASMANIA - Cape Sorrell – Light buoy.

Lawson & Treloar Pty Ltd (00/9900). (AH99/39)

Aus 177 [NC 31/08/2001]Insert special spherical light buoy, *Fl(5) Y. 20s*, without topmark

42° 08'.0 S

145° 01'.0 E

642* AUSTRALIA - TASMANIA - D'Entrecasteaux Channel - Snake Island - Beacon.SV *Winsclimber* (01/7181). (AH99/38-02)**Aus 173 [423/2001]**

Substitute starboard lateral beacon, with topmark, for beacon

43° 10'.7 S

147° 17'.2 E

643* AUSTRALIA - TASMANIA - Tamar River - Long Reach - Lights in line.

Port of Launceston (01/8362). (AH99/38-02)

Aus 168 [621/2001]Insert light beacon, *F. R. 4m 3M*

41° 10'.936 S

146° 56'.647 E

light beacon, *F. R. 8m 3M*

(a) 41° 11'.018 S

146° 56'.768 E

pecked line from light (a) in a direction 311.9° for 3300 metres, with legend *131.9°*

644(T)/2001 AUSTRALIA - NEW SOUTH WALES - Jervis Bay - Special light buoys.

Date - Until 15 November 2001

HMAS Waterhen (01/8477). (AH99/18)

Two special light buoys exist in positions 35° 06'.59 S 150° 41'.94 E and 35° 05.59 S 150° 41'.94 E.

Chart temporarily affected – Aus 193.

645(T)/2001 AUSTRALIA - NEW SOUTH WALES - Port Kembla - Core sampling completed.

Former Notice - 553(T)/2001 is cancelled

Sydney Water (01/8474). (AH99/269)

Cancel this notice on receipt.

Chart formerly affected – Aus 195

646(T)/2001 AUSTRALIA - QUEENSLAND - Moreton Bay - Seabed levelling operations.

Queensland Transport Notice 457/2001 (01/8146). (AH99/323)

The dredge *Brisbane* is working in conjunction with MT *Lydia* for seabed leveling operations in North West Channel (26° 54'.7 S 153° 11'.2 E).

The vessels will keep a listening watch on VHF Ch 12, and will display appropriate lights and shapes for their operations.

Mariners are advised to navigate with caution in the area.

Chart temporarily affected – Aus 235.

647(T)/2001 AUSTRALIA - QUEENSLAND - Moreton Bay - Moreton Banks - Marine farm removed.

Former Notice - 204(T)/2001 is cancelled

Queensland Transport Notice 343/2001 (01/6077). (AH98/146)

Cancel this notice on receipt.

Chart formerly affected – Aus 236

648(T)/2001 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Islands - Harbour works completed.

Former Notice - 105(T)/2001 is cancelled

Queensland Transport Notice 275/2001 (01/5356). (AH99/207)

Cancel this notice on receipt.

Chart formerly affected – Aus 236 – Aus 237

649(T)/2001 AUSTRALIA - QUEENSLAND - Bundaberg - Burnett River - Dredging operations completed.

Former Notice - 354(T)/2001 is cancelled

Queensland Transport Notice 241/2001 (01/4995). (AH99/343)

Cancel this notice on receipt.

Chart formerly affected – Aus 243

650(T)/2001 AUSTRALIA - QUEENSLAND - Hay Point - Shoaling removed; light buoy recovered.

Former Notice - 120(T)/2001 is cancelled

Queensland Transport Notice 326/2001 (01/5967). (AH99/478)

Cancel this notice on receipt.

Chart formerly affected – Aus 249 – Aus 250

651(T)/2001 AUSTRALIA - QUEENSLAND - Hay Point - Dredging operations completed.

Former Notice - 355(T)/2001 is cancelled

Queensland Transport Notice 419/2001 (01/7405). (AH99/478)

Cancel this notice on receipt.

Chart formerly affected – Aus 249 – Aus 250

652(P)/2001 AUSTRALIA - QUEENSLAND - Stagg Patches – Light buoy; racon.

Date – On or about 30 October 2001

AMSA ATH 2001/16 (01/8480). (AH99/13)

A west cardinal light buoy, Q(9) 15s, with topmark will be established in position 17° 01'.01 S 146° 07'.40 E.

A racon, O, will be attached to the light buoy.

Chart which will be affected – Aus 830.

653(P)/2001 AUSTRALIA - CORAL SEA - Lihou Reef - Shoals.

LADS Flight (01/8133). (AH99/179)

A survey has revealed numerous coral pinnacles, of depths less than 5 metres, existing between the charted reefs and the 50 metre isobath.

Along the sunken barrier reef between 17° 30'.0 S 151° 22'.0 E and 17° 40'.0 S 151° 18'.0 E shoals of depth 10 to 15 metres exist.

Mariners should navigate with caution in the area.

A new edition of the chart will be produced in due course.

Chart which will be affected - Aus614.

654 (T)/2001 PAPUA NEW GUINEA - Cape Nelson - Lights unlit.

HMAS *Benalla* (01/8211). (AH99/44)

The following lights are unlit:

Greaves Reef (9° 10'.6 S 149° 27'.0 E)

Ham Reef (9° 11'.9 S 149° 26'.7 E)

Stewart Reef (9° 07'.8 S 149° 23'.6 E).

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

655(T)/2001 AUSTRALIA - NORTHERN TERRITORY - Sahul Banks - Scientific instruments.

Date - Until 15 December 2001

WNI Science & Engineering (01/8488). (AH98/148)

Current meters, marked by white spherical buoy, exist in positions:

10° 08'.45 S 129° 34'.63 E

10° 08'.29 S 129° 33'.31 E.

Mariners are not to use the buoys as moorings.

Chart temporarily affected – Aus 310.

656(P)/2001 WESTERN AUSTRALIA - Rankin Bank - Oilfield development northeastward.

Date - On or about 15 December 2001

Woodside (01/8212). (AH99/197)

A gas pipeline is to be laid between 19° 44'.80 S 115° 44.11 E and 19° 39.20 S 115° 55.60 E, with subsea wells in positions 19° 44.80 S 115° 44.11 E and 19° 44'.36 115° 44'.82 E.

The pipelaying vessel *Apache* will be on site from 16/11/01 to 1/12/01 and the dive support vessel *Venturer* from 18/11/01 to 15/12/01.

Mariners are advised to navigate with caution in the area.

Chart which will be affected – Aus 327.

657(T)/2001 SOUTH AUSTRALIA - Adelaide - Dredging completed.

Former Notice - 514(T)/2001 is cancelled

Transport SA Notice 39/2001 (01/6468). (AH99/248)

Cancel this notice on receipt.

Chart formerly affected – Aus 137

658(T)/2001 AUSTRALIA - VICTORIA - Port Phillip - Pinnacle Channel - Prohibited area; special buoy.

Victorian Notice 58/2001 (01/8221). (AH99/225, AH99/24)

A special light buoy, *Q. Y*, with topmark, exists in position 38° 16'.63 S, 144° 51'.05 E . The buoy marks the centre of a restricted area, radius 400m, established for scientific research.

Entry into the area is prohibited.

Chart temporarily affected – Aus 143 – Aus 158.

659(T)/2001 AUSTRALIA - VICTORIA - Port Phillip - Light buoy removed.

Former Notice - 237(T)/2001 is cancelled

Victorian Notice 18/2001 (01/2464). (AH99/24)

Cancel this notice on receipt.

Chart formerly affected – Aus 143

660(P)/2001 AUSTRALIA - VICTORIA - Port Phillip - River Yarra - Light beacons.

Former Notice - 307(T)/1999 is cancelled

Victorian Notice 59/2001 (01/8481). (AH99/21-02)

Light beacons will be established as follows:

<i>Beacon</i>	<i>Position</i>	<i>Characteristic</i>	<i>Remarks</i>
Starboard Lateral	37° 49'.136 S 144° 55'.914 E	Fl(2) G. 5s	
West Cardinal	37° 49'.156 S 144° 55'.896 E	VQ(9) 10s	The west cardinal close NE will be withdrawn

Chart which will be affected – Aus 154.

661(T)/2001 AUSTRALIA - VICTORIA - Port Albert - Light beacon maintenance completed.

Former Notice - 344(T)/2001 is cancelled

Victorian Notice 63/2001 (01/8683). (AH99/21-02)

Cancel this notice on receipt.

Chart formerly affected – Aus 181 – Aus 182

III

NAVIGATION WARNINGS

The following radio messages have been received during the period to 26 October 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

- 253 Cancelled.
254 NW Coast. Drill rig *Ocean General* in position 11° 16' 6 S 124° 46' 8 E. 2.5M clearance requested.
255 Cancelled.
256 Cancelled.
257 Cancelled.
258 SE Coast. Seismic survey vessel *Geco Beta* towing 8 cables 3M long in area 37° 56' S to 38° 30' S and 147° 20' E and 148° 45' E.
260 Cancelled.
261 Cancelled.
262 Cancelled.
263 SE Coast. Drill rig *Ocean Bounty* in position 38° 41' 0 S 147° 59' 1 E. 2.5M clearance requested.
264 SE Coast. Seismic survey vessel *Geco Resolution* towing 6 cables 2.1M long in area 38° 35' S to 38° 52' S and 142° 31' E and 142° 55' E.
265 Cancelled.
266 Cancelled.
267 Cancelled.
268 NW Coast. Drill rig *Sedco 702* in position 13° 13' 1 S 122° 53' 3 E. 2.5M clearance requested.
269 NE Coast. Bugatti Reef light K3056 (20° 06' 4 S 150° 17' 4 E) reduced power.
270 NW Coast. Drill rig *Ensco 56* in position 20° 45' 8 S 115° 35' 5 E. 2.5M clearance requested.
271 NW Coast. Seismic survey vessel *Pacific Sword* towing 3.5M cable in area 18° 30' S to 20° 00' S and 114° 00' E and 115° 50' E.

NAVAREA X WARNINGS

- 023 Cancelled.
024 Pacific Ocean. Cable laying operations between 11° 31' 0 S 164° 16' 0 E, 13° 48' 4 S 162° 55' 4 E, 16° 51' 0 S 160° 31' 0 E, 19° 15' 0 S 160° 11' 0 E, 23° 32' 0 S 159° 58' 0 E, 23° 41' 0 S 159° 01' 0 E, 25° 17' 0 S 156° 45' 0 E, 30° 04' 0 S 155° 28' 0 E until 8 Nov.

Navigational warnings in force as at 261500UTC OCT 01.

Auscoast

250 254 258 263 264 268 269 270 271.

Navarea X

013 016 017 024.

Summary of mobile drilling rigs as at 261500UTC OCT 01.

Name	Position
Ocean General	11° 16' 6 S 124° 46' 8 E
Sedco 702	13° 13' 1 S 122° 53' 3 E
Ensco 56	20° 45' 8 S 115° 35' 5 E
Ocean Bounty	38° 41' 0 S 147° 59' 1 E

NAVAREA XIV WARNINGS

- 223 Cancelled.
224 Cancelled.
225 Cancelled.
226 Cancelled.
227 Pacific Ocean. Numerous tabular icebergs and growlers sighted 201735Z vicinity of 55° 53' S and 150° 54' W.

Navarea XIV warnings in force as at 260001UTC OCT 01.

227.

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
NT- Darwin	Light	HMAS <i>Dubbo</i>	RS Bailey
QLD- Palm Island Cape Bowling Green	Light Racon	HMAS <i>Paluma</i>	
TAS Table Cape	FAD	MV <i>Tasmanian Achiever</i>	