



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 474-493

Published fortnightly by the RAN Hydrographic Service

R. J. WILLIS,
Hydrographer, RAN

- SECTIONS.**
- I. **Australian Notices to Mariners.**
 - III. **Navigational Warnings.**
 - IV. **Hydrographic Reports.**

New Zealand Notices to Mariners



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

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

British Admiralty Notices to Mariners.
Section II. Corrections to Admiralty List of Lights, Vol K.
Section V. Corrections to Admiralty List of Radio Signals.
Section VI. Corrections to Sailing Directions.
Blocks included after Section VI.

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 HYDROGRAPHER, RAN, 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, 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).**

Copies of these notices can be obtained from the HYDROGRAPHIC OFFICE, 8 Station Street, Wollongong, the Agents for the sale of Australian and Admiralty charts in Australia, and from the Australian Maritime Safety Authority (AMSA) Offices, in the major ports of Australia

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NUMERICAL INDEX OF CHARTS AFFECTED

Edition No 17

15 August 1997

Notices	Aus Chart
474.....	Aus 303,305,722,4601 (INT 601),5114,61107,
474.....	ETT, NtM published on Internet, new telephon & facsimile numbers
475.....	Aus 45,309,316,399,461,506,724
476.....	Aus 235,236
477.....	Aus 410
478.....	Aus 28
479.....	Aus 314,4603 (INT 603)
480.....	Aus 414
481.....	Aus 112,754
482(T)	Aus 193,195,197,198,199,200,201,202,203,204,207,208,209, 360,361,362,423,424,807,808,809,810
483(T)	Aus 235,236
484(T)	Aus 236,237
485(T)	Aus 260,822
486(T)	Aus 829
487(T)	Aus 410,411
488(T)	Aus 303
489(T)	Aus 309,411,413
490(T)	Aus 722
491(T)	Aus 309,316,722
492(T)	Aus 151
493(P)	Aus 164

474 AUSTRALIA - Publications

RAN Hydrographic Service (AH 17/3; 16/197)

(1) New metric chart

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Folio</i>	<i>Index Charts</i>	<i>Price</i>
Aus 305	13/6/97	Australia - North Coast - Northern Territory - Vanderlin Island to Cape Grey 12° 46' 55" S - 16° 04' 51" S 135° 23' 04" E - 137° 21' 49" E <i>A metric replacement of chart Aus 305 with transfer of horizontal datum to WGS 84 and vertical datum to LAT.</i>	1:300 000	2	Aus 5020A	\$24.50
Aus 722	27/6/97	Australia - North Coast - Northern Territory - Beagle Gulf and Clarence Strait 11° 39' 30" S - 12° 37' 54" S 129° 51' 00" E - 131° 24' 55" E <i>A metric replacement of chart Aus 722 with transfer of horizontal datum to WGS 84 and vertical datum to LAT. The chart limits have been extended southward and westward.</i>	1:150 000	2	Aus 5020 A	\$24.50

(2) New edition

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Folio</i>	<i>Index Charts</i>	<i>Price</i>
Aus 303	27/6/97	Australia - North Coast - Queensland - Nassau River to Wellesley Islands. Plans: Investigator Road Approaches to Karumba Karumba <i>Includes extensive amendments to depths from the latest hydrographic surveys and amendments to buoyage. Note: This chart is affected by Notices to Mariners 316(T) & 335(T)/97</i>	1:300 000 1:150 000 1:50 000 1:18 000	8	Aus 5020A	\$24.50

(3) Miscellaneous new chart

<i>Chart</i>	<i>Published</i>	<i>Title and description of amendments</i>	<i>Scale</i>	<i>Folio</i>	<i>Index Charts</i>	<i>Price</i>
Aus 5114	27/6/97	Australia - West Coast - Western Australia - Approaches to Rottnest Island 31° 48' 00" S - 32° 22' 30" S 114° 53' 00" E - 115° 54' 00" E <i>This chart is for instructional purposes only and not to be used for navigation</i>	1:100 000		Aus 5020A & 5020B	\$11.10
Aus 61107	27/6/97	North West Exercise Area - General Operations Plot 17° 38' 00" S - 26° 53' 00" S 110° 50' 00" E - 117° 10' 00" E	1:1 000 000	11	Aus 65020C	N/A

(4) New edition to be published shortly

<i>Chart</i>	<i>Title</i>	<i>Scale</i>
Aus 4601 (INT 601)	South Pacific Ocean - Tasman Sea - New Zealand to SE Australia	1:3 500 000

(5) Charts permanently withdrawn

<i>Chart</i>	<i>On publication of new chart or new edition</i>
Aus 27	Aus 722
Aus 303	Aus 303
Aus 305	Aus 305
Aus 722	Aus 722

(6) Correction to electronic tide tables

Tidal predictions for Norwegian Bay (port No 62410) are based on Universal Time(UTC).

To obtain local time add 8 hours.

(7) Australian Notices to Mariners - Published on Internet

Mariners are advised that Australian Notices to Mariners are published fortnightly on the world wide web (www) under the address: <http://www.hydro.navy.gov.au>

(8) RAN Hydrographic Service - New telephone and facsimile numbers

As from August 18, 1997 the numbers will changeover to eight digits as follows:

Telephone:

Main Switch Board (02) 4221 8500

Facsimile:

Main Office (02) 4221 8599

Chart Distribution (02) 4221 8699

475 AUSTRALIA - Publications - Miscellaneous chart corrections.

RAN Hydrographic Service (AH17/3)

Aus 45 [384/97]

Insert	<i>On certain copies only</i> the accompanying note	17° 18'.6 S	123° 29'.0 E
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Aus 309 [300/97]

Insert	new western chart limit of Aus 722 at 129° 50'.94 E and delete existing western & southern limits
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Aus 316 [300/97]

Insert	chart limits with legend, Aus 722, in SW corner		
	South	12° 38'.0 S	
	West		129° 50'.9 E
Delete	existing Aus 722 chart limits and legend	12° 30' S	129° 55' E

Aus 399 [501/92]

Insert	the accompanying note	5° 07' S	155° 23' E
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Aus 461 [182/97]

Insert	the accompanying note	1° 17' S	153° 30' E
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Aus 506 [633/92]

Insert	the accompanying note	10° 06' S	148° 38' E
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Aus 724 [217/97]

Insert	legend, <i>Adjoining Chart Aus 722</i> , in N border centred on		130° 07' E
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476* AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel and East Channel - Buoyage.

List of Lights Vol K/97 - 2862.20,2862.60

DOTQ Notices 219&232/97; (1997/3042) (AH 62/80,78)

Aus 235 [329/97]

Move	NE2 light buoy	26° 58'.65 S	153° 20'.60 E
	to	26° 58'.39 S	153° 20'.54 E
Move	NE6 light buoy	27° 00'.75 S	153° 20'.50 E
	to	27° 00'.85 S	153° 20'.38 E
Move	NE8 light buoy	27° 02'.35 S	153° 20'.60 E
	to	27° 02'.45 S	153° 20'.57 E

Aus 236 [257/97]

Move	NE2 light buoy	26° 58'.65 S	153° 20'.60 E
	to	26° 58'.39 S	153° 20'.54 E
Move	NE6 light buoy	27° 00'.75 S	153° 20'.50 E
	to	27° 00'.85 S	153° 20'.38 E
Move	NE8 light buoy	27° 02'.35 S	153° 20'.60 E
	to	27° 02'.45 S	153° 20'.57 E
Renumber	light beacon E4 to <i>E2</i>	27° 13'.6 S	153° 20'.4 E
	light beacon E6 to <i>E4</i>	27° 13'.9 S	153° 20'.4 E

477* **AUSTRALIA - QUEENSLAND - Bentnick Island - Rock.**
FV *Wildcard* & Auscoast 174/97. (*AH 70/126*)

Aus 410 [331/97]

Insert dangerous rock, with legend *Rep* (1997)

17° 09'.7 S

139° 22'.8 E

478* AUSTRALIA - NORTHERN TERRITORY - Darwin - Tidal stream.

RAN Hydrographic Office. (AH 60/138)

Aus 28 (plan, Port Darwin) [216/97]

Insert	flood tide stream arrow, direction 095°, with legend 2.5kn	12° 27'.74 S	130° 49'.41 E
	ebb tide stream arrow, direction 282°, with legend 4.5 kn	12° 27'.77 S	130° 49'.46 E

479* AUSTRALIA - TIMOR SEA - Sahual Banks - Depths.
LADS HI 235. (AH 63/126)

Aus 314 [451/97]

Insert	depth, 17 ₅ m, and extend contour S to enclose	11° 30'.62 S	125° 16'.73 E
	depth, 28 ₂ m, and extend contour N to enclose	11° 33'.78 S	124° 33'.09 E
	depth, 15 ₉ m, enclosed by contour	11° 25'.00 S	124° 31'.71 E
Substitute	depth, 13 ₇ m, for 17 ₈ m	11° 31'.2 S	124° 37'.2 E
Delete	depth 6 ₇ m, with legend Rep (1986) and contour	11° 13'.2 S	125° 25'.0 E
	depth 16 ₂ m, with legend Rep (1981)	11° 29'.5 S	125° 16'.5 E
	depth 29m and contour	11° 24'.0 S	124° 44'.4 E
	depth 21 ₅ m and contour	11° 30'.4 S	124° 38'.8 E
	depth 21 ₅ m, with legend Rep (1981) and contour	11° 31'.0 S	124° 36'.5 E
	depth 95m	11° 34'.0 S	124° 33'.0 E
	depth 18 ₆ m, with legend Rep (1970) and contour	11° 36'.0 S	124° 31'.6 E
	depth 23 ₅ m, with legend Rep (1965) and contour	11° 38'.0 S	124° 20'.3 E
		11° 43'.1 S	124° 28'.1 E

Aus 4603 (INT603) [451/97]

Delete	depth 7m and danger circle	11° 13' S	125° 25' E
	depth 16m and danger circle	11° 29' S	125° 16' E
	depth 22m and danger circle	11° 31' S	124° 36' E
	depth 19m and danger circle	11° 36' S	124° 32' E

480 INDONESIA - Sumba Island - Nanga Amba Point - Light.

BA Notice 27/2588/97. (*AH 80/78*)

Aus 414 [452/97]

Insert light, *Fl. 2s 12M,*

9° 23'.3 S

119° 13'.3 E

481* WESTERN AUSTRALIA - Rottnest Island - Phillip Rock - Light amended.

List of Lights Vol K/97 - 1762.40

DTWA (AH 72/78)

Aus 112 [454/97]

Amend light to *Fl. R. 6s 8m 7M*

32° 00'.01 S

115° 33'.58 E

Aus 754 [395/97]

Insert light *Fl. R. 6s 7M*

32° 00'.0 S

115° 33'.6 E

482(T)/97 AUSTRALIA - NEW SOUTH WALES - Sydney - Differential global positioning system.

Date - Until further notice

AMSA ATH 97/N/010; (97/3019) (AH 61/121)

A trial Differential Global Positioning System (DGPS) has been established at Sydney (33° 59'.2 S 150° 58'.7 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 308kHz, which is within the maritime radionavigation band. The range correction messages will be RTCM Type 9 messages, and will be transmitted at the rate of 200 bits per second.

The nominal range of the service has yet to be determined, but may be between 100 and 150 nautical miles.

AMSA would appreciate feedback from the shipping industry on aspects concerning the effectiveness of DGPS and on its area of coverage. Comments and any requests for further information can be directed to:

Policy and Planning
Navigational Services
Australian Maritime Safety Authority
PO Box 1108
BELCONNEN ACT 2616
Telephone 06 279 5013 or 07 3835 3672
Fax 06 279 5002

Chart temporarily affected - Aus 193 - Aus 195 - Aus 197 - Aus 198 - Aus 199 - Aus 200 - Aus 201 - Aus 202 - Aus 203 - Aus 204 - Aus 207 - Aus 208 - Aus 209 - Aus 360 - Aus 361 - Aus 362 - Aus 423 - Aus 424 - Aus 807 - Aus 808 - Aus 809 - Aus 810.

483(T)/97 AUSTRALIA - QUEENSLAND - Moreton Bay - North East Channel - Light buoy off station.

Date - Until further notice

DOTQ Notice 219/97 (*AH 62/80*)

NE4 light buoy (26° 59'.3 S 153° 20'.5 E) is off station in position 26° 59'.1 S 153° 20'.0 E.

Mariners should navigate with caution in the area.

Chart temporarily affected - Aus 235 - Aus 236.

484(T)/97 AUSTRALIA - QUEENSLAND - Brisbane River - Fisherman Island - Dredging operations completed.

Former Notice - 618(T)/93 is cancelled

DOTQ Notice 242/97; (97/3102) (AH 62/22)

Cancel this notice on receipt.

Chart formerly affected - Aus 236 - Aus 237

485(T)/97 AUSTRALIA - QUEENSLAND - Shoalwater Bay - Scientific instruments.

Date - Until 10 September 1997

Auscoast warning 181/97. (AH 58/123)

A bottom mounted tide gauge exists in position 22° 26'.12 S 150° 25'.50 E and a current meter exists in position 22° 19'.36 S 150° 32'.90 E.

Mariners should navigate with caution in the vicinity of the instruments.

Chart temporarily affected - Aus 260 - Aus 822.

486(T)/97 AUSTRALIA - QUEENSLAND - Mourilyan - Hall Rock - Light beacon re-established.

Former Notice - 469(T)/97 is cancelled

DOTQ Notice 228/97. (AH 57/78)

Cancel this notice on receipt.

Chart formerly affected - Aus 829

487(T)/97 AUSTRALIA - QUEENSLAND - Gulf of Carpentaria - Buoy adrift.

Date - Until further notice

DOTQ Notice 226/97; (97/2985) (AH 70/8)

Mariners are advised that a lit special light buoy, *Fl(5)Y.20s*, is adrift in the Gulf of Carpentaria and is heading in a northwesterly direction. The buoy may be in a damaged condition and unlit. The last reported position was 10° 16'.02 S 138° 42'.96 E.

Mariners are requested to keep a watch for the buoy and report any sightings to the Queensland Government Hydraulics Laboratory (Instruments Section), during business hours telephone 07-3269 4555 (reverse charge), after hours mobile phone 015 - 750 097 (reverse charge) or Queensland Transport Regional Office, Weipa telephone 077 - 697 170.

Chart temporarily affected - Aus 410 - Aus 411.

488(T)/97 AUSTRALIA - QUEENSLAND - Karumba - Lights.

Former Notice - 579(P)/96 is cancelled

RAN Hydrographic Service Chart Aus303 (*AH 70/78*)

Cancel this notice on receipt

Chart formerly affected - Aus 303

489(T)/97 AUSTRALIA - NORTHERN TERRITORY - Shepparton Shoal - Depth disproved.

Former Notice - 194(T)/95 is cancelled

RAN Hydrographic Service Chart Aus 722 (AH 63/126)

Note: A block will be produced to correct Chart Aus 309 in due course.

Cancel this notice on receipt.

Chart formerly affected - Aus 309 - Aus 411 - Aus 413

490(T)/97 AUSTRALIA - NORTHERN TERRITORY - Beagle Gulf - Fenton Patches - Buoy withdrawn.

Former Notice - 466(T)/96 is cancelled

RAN Hydrographic Service Chart Aus 722 (AH 63/8)

Cancel this notice on receipt

Chart formerly affected - Aus 722

491(T)/97 AUSTRALIA - NORTHERN TERRITORY - Fish Reef - Scientific instrument.

Date - Until 10 September 1997

Auscoast warning 188/97. (AH 63/123)

Bottom mounted tide gauges, marked by a dan buoys, exist in positions:

12° 16'.16 S 130° 25'.36 E

12° 39'.28 S 130° 16'.73 E

Mariners should navigate with caution in the vicinity of the danbuoys.

Chart temporarily affected - Aus 309 - Aus 316 - Aus 722.

492(T)/97 AUSTRALIA - VICTORIA - Western Port - Shoaling removed.

Former Notice - 140(T)/97 is cancelled

Victorian Channels Authority Notice 60/97; (97/2982) (AH 59/22)

Cancel this notice on receipt

Chart formerly affected - Aus 151

493(P)/97 AUSTRALIA - TASMANIA - River Leven - Leads realigned.
AMSA ATH 1997/S/005. *(AH 69/78)*

The leading lights (41° 09'.15 S 146° 10'.02 E) have been realigned to 188°.

A notice to mariners will be issued on receipt of survey data.

Chart which will be affected - Aus 164.

To accompany Australian Notice to Mariners 475/97

UNSURVEYED AREAS

No hydrographic survey has been conducted; unidentified shoals, reefs and other navigational hazards may be encountered.

Note for chart Aus 45

To accompany Australian Notice to Mariners 475/97

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems are referred to WGS Datum: adjustments for plotting such positions cannot be determined for this chart. Mariners must determine the position of their vessel in relation to the charted positions of dangers and navigational features by visual or radar means.

Note for chart Aus 399

To accompany Australian Notice to Mariners 475/97

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems are referred to WGS Datum: adjustments for plotting such positions cannot be determined for this chart. Mariners must determine the position of their vessel in relation to the charted positions of dangers and navigational features by visual or radar means.

Note for chart Aus 461

To accompany Australian Notice to Mariners 475/97

SATELLITE-DERIVED POSITIONS

Positions obtained from satellite navigation systems are referred to WGS Datum: adjustments for plotting such positions cannot be determined for this chart. Mariners must determine the position of their vessel in relation to the charted positions of dangers and navigational features by visual or radar means.

Note for chart Aus 506

III NAVIGATION WARNINGS

The following radio messages have been received during the period to 1 August 1997. 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 WARNINGS

- 186 Cancelled.
- 187 Cancelled.
- 188 Cancelled.
- 189 Cancelled.
- 190 Cancelled.
- 191 SE Coast. Lighthouse Point light K2502 (38° 50'.6 S 146° 28'.3 E) unreliable.
- 192 NW Coast. Drill rig *Ocean Bounty* in position 10° 50'.6 S 126° 25'.2 E; 2.5 NM clearance requested.
- 193 NE Coast. Kirkcaldie Reek light and racon established in position 10° 20'.1 S 142° 49'.9 E. Light characteristic *Fl. WR. 2.5s 10/7M, red* sector 205°-214° (9°) and *white* sector 214°-205° (351°). Racon character morse code *K*, range X band 7-17M and S band 9-15M.
- 194 Cancelled.
- 195 NW Coast Tide gauge depth 36m marked by orange buoys established in position 11° 00'.3 S 127° 22'.6 E.

NAVAREA X WARNINGS

Nil issued.

Navigational warnings in force as at 311400UTC JUL 97.

Auscoast

148 154 157 172 174 181 191 192 193 195.

Navarea X

001 009 011 012 013 014

Summary of mobile drilling rigs as at 311400UTC JUL 97.

Name	Position
Ocean Epoch	10° 10'.1 S 127° 06'.7 E
Ocean Bounty	10° 50'.6 S 126° 25'.2 E
Sedco 703	11° 52'.0 S 124° 54'.1 E
Sedco 702	19° 43'.4 S 115° 44'.4 E
Ron Tappmeyer	21° 18'.6 S 115° 13'.6 E
Java Constructor	20° 40'.0 S 115° 29'.5 E
Ensco 56	20° 40'.2 S 115° 30'.8 E

NAVAREA XIV WARNINGS

- 129 Cancelled.
- 130 Cancelled.
- 131 Cancelled.
- 132 Canceled.
- 133 Cancelled.
- 134 Cancelled.
- 135 Cancelled.
- 136 Cancelled.
- 137 Cancelled.
- 138 Cancelled.
- 139 South Pacific. Fiji. North Astrolabe Reef light K4666 (18°38' S 178°32'E) unlit.
- 140 Cancelled.
- 141 South Pacific.Tonga.Approaches to Nukualofa.
 - (a) Shoal depth 4.9 metres (2 fathoms 4 feet) reported in position 21° 02'.2 S 175°21'.11 W
 - (b) A dangerous wreck with 5.1 metres (2 fathoms 4 feet) over it,marked by a yellow drum buoy lies in position 21° 03'.9 S175° 13'.2 W.
 - (c) A number of navigation marks are changed,missing or temporaliy unlit. For further information contact the harbourmaster.

Navarea XIV warnings in force as at 310001UTC JUL 97.

107 113 114 128 139 141.

IV

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Green Island	Wreck	HMAS Shepparton	
FIJI- Tuvana-I-Ra Island	Position	MV <i>Pacific Rover</i>	B Keane