



Australian Notices to Mariners are the authority for correcting Australian Charts

AUSTRALIAN NOTICES TO MARINERS

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Notices 134-151

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 5

27 February 1998

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134.....	Aus 155
135.....	Amendment to Annual Notice to Mariners No 9
136.....	Aus 198,199
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138.....	Aus 367,370,822
139.....	Aus 821,824,4602,4604
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142.....	Aus 380,381,567,4620,4621
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134 AUSTRALIA - Miscellaneous chart correction.

RAN Hydrographic Service (98/1491). (AH 17/3)

Aus 155 [153/97]

On certain copies only

Amend note SATELLITE DERIVED-POSITIONS to read ...0.09
minutes SOUTHWARD and 0.07 minutes WESTWARD to
agree...

37° 51'.1 S

145° 01'.5 E

135 AUSTRALIA - Publication - Amendment to Annual Notice to Mariners No 9.
Air Services Australia (98/1309). (AH 17/110)

Substitute the accompanying [Notice to Mariners No 9](#) (pages 51-79).

136* AUSTRALIA - NEW SOUTH WALES - Botany Bay - Kurnell - Waverider light buoy.
Sydney Ports Corporation Notice 2/98 (98/01249) (AH 61/80)

Aus 198 [682/97]

Insert spherical yellow light buoy, *F(5)* Y. 20s

33° 59'.63 S

151° 12'.43 E

Aus 199 [645/97]

Insert spherical yellow light buoy, *F(5)* Y. 20s

33° 59'.54 N

151° 12'.49 E

137* AUSTRALIA - QUEENSLAND - Moreton Bay - Amity Banks - Light beacons.
DOTQ Notice 25 & 29/98 (98/1250) (AH 62/78)

Aus 236 [35/98]

Insert	starboard lateral light beacon <i>Fl. G. 4s</i>	27° 27'.719 S	153° 20'.411 E
	starboard lateral light beacon <i>Fl. G. 6s</i>	27° 27'.162 S	153° 19'.557 E

138* AUSTRALIA - QUEENSLAND - Cannibal Group - Depths.
 HMAS *Flinders* HI 261 (98/1490). (AH 58/126)

Aus 367 [516/97]

Insert	depth, 4_8 m, enclosed by contour	22° 08'.26 S	150° 17'.20 E
	depth, 7_8 m, enclosed by contour	22° 08'.65 S	150° 18'.32 E
	depth, 5_2 m, enclosed by contour	22° 11'.39 S	150° 22'.43 E

Delete	depth 7_6 m	22° 07'.8 S	150° 17'.4 E
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Aus 370 [516/97]

Insert	depth, 2_3 fm, enclosed by contour	22° 08'.26 S	150° 17'.24 E
	depth, 4_1 fm, enclosed by contour	22° 08'.65 S	150° 18'.36 E
	depth, 2_5 fm, enclosed by contour	22° 11'.39 S	150° 22'.47 E

Delete	depth 5_3 fm	22° 08'.0 S	150° 17'.4 E
--------	----------------	-------------	--------------

Aus 822 [516/97]

Insert	depth, 4_8 m, enclosed by contour	22° 08'.26 S	150° 17'.20 E
	depth, 7_8 m, enclosed by contour	22° 08'.65 S	150° 18'.32 E
	depth, 5_2 m, enclosed by contour	22° 11'.39 S	150° 22'.43 E

Delete	depth 7_6 m	22° 07'.8 S	150° 17'.4 E
	depth 12_8 m	22° 08'.6 S	150° 18'.1 E

Note: These depths have been incorporated in the NE of Aus 260 to be published shortly.

139* AUSTRALIA - QUEENSLAND - Hunt Reefs - Reef westward.
B. White (98/1187) (AH 58/126)

Aus 821 [656/96]

Substitute coral reef for pecked line (approx 0.2nm radius) centred on 20° 18'.5 S 149° 58'.9 E

Aus 824 [113/98]

Insert coral reef, radius 0.2nm, centred on danger line between
20° 18'.59 S 149° 58'.89 E
20° 18'.41 S 149° 58'.90 E
20° 17'.90 S 149° 58'.92 E
20° 18'.50 S 149° 58'.70 E

Delete depth, 10₂ fms 20° 18'.25 S 149° 59'.00 E

Aus 4602 (INT 602) [124/98]

Insert rock which covers and uncovers, enclosed by danger line 20° 19' S 149° 59' E

Aus 4604 (INT 604) [361/97]

Insert rock which covers and uncovers, enclosed by danger line 20° 19' S 149° 59' E

140* AUSTRALIA - TORRES STRAIT - Maer Island - Depth northwestward.

ACV *Wauri* (98/1315). (AH 70/126)

Aus 377 [88/98]

Insert depth, 14₅ m, enclosed by broken contour, with legend
Rep (1998)

9° 49'.29 S 143° 56'.81 E

Delete depth 31m

9° 49'.4 S 143° 56'.7 E

Aus 837 [87/98]

Insert depth, 14₅ m, enclosed by broken contour, with legend
Rep (1998)

9° 49'.20 S 143° 56'.87 E

Aus 840 [91/98]

Insert depth, 14₅ m, enclosed by broken contour, with legend
Rep (1998)

9° 49'.20 S 143° 56'.87 E

141* AUSTRALIA - TORRES STRAIT - Darnley Island - Rock southeastward.
ACV *Wauri* (98/1315). (AH 70/126)

Aus 376 [91/98]

Insert rock awash at chart datum, enclosed by danger circle,
with legend *Rep* (1998) 9° 37'.29 S 143° 49'.23 E

Aus 377 [140/98]

Insert rock awash at chart datum, enclosed by danger circle,
with legend *Rep* (1998) 9° 37'.29 S 143° 49'.23 E

Aus 840 [140/98]

Insert rock awash at chart datum, enclosed by danger circle,
with legend *Rep* (1998) 9° 37'.20 S 143° 49'.29 E

142* PAPUA NEW GUINEA - Bona Bona Island - Depths.
 HMAS *Benalla* & *Shepparton* HI 268 (98/1310). (AH 92/126)

Aus 380 [711/97]

Insert	depth, 4 ₅ fm, enclosed by contour	10° 28'.37 S	149° 21'.11 E
	depth, 5 ₂ fm, enclosed by contour	10° 28'.24 S	149° 44'.88 E
	depth, 4 ₄ fm, enclosed by contour	10° 29'.84 S	149° 44'.19 E
	depth, 6 ₅ fm, enclosed by contour	10° 30'.55 S	149° 46'.35 E
	depth, 6fm, enclosed by contour	10° 31'.69 S	149° 48'.31 E
	depth, 12fm, enclosed by contour	10° 32'.67 S	149° 47'.82 E
	depth, 8fm, enclosed by contour	10° 32'.35 S	149° 44'.59 E
	depth, 5 ₂ fm	(a) 10° 36'.93 S	149° 45'.59 E
	depth, 6 ₁ fm, enclosed by contour	10° 31'.82 S	149° 45'.82 E
Substitute	depth, 2 ₂ fm, for 4 ₃ fm contour for pecked line enclosing depth (a)	10° 32'.2 S	149° 50'.6 E
Delete	depth 22fm	10° 30'.0 S	149° 43'.8 E
	depth 27fm	10° 30'.6 S	149° 46'.0 E
	depth 12fm	10° 31'.8 S	149° 48'.6 E

Aus 381 [492/93]

Insert	depth, 5 ₂ fm, enclosed by contour	10° 28'.24 S	149° 44'.88 E
	depth, 4 ₄ fm, enclosed by contour	10° 29'.84 S	149° 44'.19 E
	depth, 6 ₅ fm, enclosed by contour	10° 30'.55 S	149° 46'.35 E
	depth, 6fm, enclosed by contour	10° 31'.69 S	149° 48'.31 E
	depth, 12fm, enclosed by contour	10° 32'.67 S	149° 47'.82 E
	depth, 8fm, enclosed by contour	10° 32'.35 S	149° 44'.59 E
	depth, 5 ₂ fm	(a) 10° 36'.93 S	149° 45'.59 E
	depth, 6 ₁ fm, enclosed by contour	10° 31'.82 S	149° 45'.82 E
Substitute	depth, 2 ₂ fm, for 4 ₃ fm contour for pecked line enclosing depth (a)	10° 32'.2 S	149° 50'.6 E
Delete	depth 22fm	10° 30'.0 S	149° 43'.8 E
	depth 27fm	10° 30'.6 S	149° 46'.0 E
	depth 12fm	10° 31'.8 S	149° 48'.6 E

Aus 567 [467/95]

Insert	depth, 6fm, enclosed by contour	10° 31'.77 S	149° 48'.07 E
	depth, 12fm, enclosed by contour	10° 32'.75 S	149° 47'.58 E
Substitute	depth, 2 ₂ fm, enclosed by contour, for 4 ₃ fm	10° 32'.3 S	149° 50'.5 E

Aus 4620 [422/97]

Insert	depth, 8 ₉ m, enclosed by contour	10° 28'.3 S	149° 21'.2 E
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Aus 4621 (INT 621) [NE 04/04/97]

Insert	depth, 8 ₉ m, enclosed by contour	10° 28'.3 S	149° 21'.2 E
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143* AUSTRALIA - VICTORIA - Port Phillip - Anonyma Shoal - Buoyage.

Former Notice - 538(P)/97 is cancelled

Victorian Notice to Mariners No 4/98 (AH 66/78,9)

Aus 143 [523/97]

Delete	starboard lateral beacon	37° 57'.55 S	144° 59'.22 E
Insert	west cardinal light beacon, VQ(9)10s, with topmark	37° 57'.533 S	144° 59'.246 E
	east cardinal light beacon, Q(3)5s, with topmark	37° 57'.611 S	144° 59'.378 E

Aus 155 [134/98]

Delete	starboard lateral beacon	37° 57'.55 S	144° 59'.29 E
Insert	west cardinal light beacon, VQ(9)10s, with topmark	37° 57'.533 S	144° 59'.246 E
	east cardinal light beacon, Q(3)5s, with topmark	37° 57'.611 S	144° 59'.378 E

144(T)/98 AUSTRALIA - QUEENSLAND - Moreton Bay - Spitfire Banks - Scientific instrument marked by light buoy.

Date - Until further notice

DOTQ Notice 39/98 (98/1691). (AH 62/123)

Oceanographic monitoring equipment, marked by a special light buoy, Q. Y, has been deployed in position 27° 00'.62 S 153° 15'.74 E.

Mariners are advised to keep at least 50 metres clear of the light buoy.

Chart temporarily affected - Aus 236.

**145(T)/98 AUSTRALIA - QUEENSLAND - Moreton Bay - Bramble Bay - Scientific instrument and light buoy
withdrawn.**

Former Notice - 128(T)/98 is cancelled

DOTQ Notice 31/98 (98/1528) (AH 62/123)

Cancel this notice on receipt.

Chart formerly affected - Aus 236

146(P)/98 AUSTRALIA - QUEENSLAND - Brisbane River - Pinkenba Reach - Lights to be amended.

Date - On or about 22 February 1998

DOTQ Notice 30/98 (98/1528) (*AH 62/78*)

The front (27° 26'.13 S 153° 06'.81 E) and rear (27° 26'.22 S 153° 06'.67 E) leading lights will be amended to *F.Bu.*

Chart which will be affected - Aus 238.

147(T)/98 AUSTRALIA - QUEENSLAND - Gladstone - Depth information.

Former Notice - 103(T)/98 is cancelled

DOTQ Notice 23/98 (98/1327) (AH 58/22)

Available depths as at 28 January 1998:

	<i>Metres</i>
Sea Channels:	
Wild Cattle Cutting	16.3
Boyne Island Cutting	16.3
Golding Cutting	16.3
Gatcombe Cutting	16.3
Gatcombe Bypass Channel	12.5
Inner Channels:	
Auckland Channel	15.8
Auckland Bypass Channel	6.8
Clinton Channel	16.0
Clinton Bypass Channel	7.6
Clinton Swing Basin	10.4
* Targinne Channel	7.8
Berths:	
Boyne Smelter Wharf	15.0
South Trees East Wharf	12.8
South Trees West Wharf	12.8
Barney Point Wharf	15.0
Auckland Point No1 Wharf	11.3
Auckland Point No2 Wharf	11.3
Auckland Point No3 Wharf	11.3
Auckland Point No4 Wharf (under construction)	
Clinton No1 Wharf	18.8
Clinton No2 Wharf	18.8
Fishermans Landing	10.4

*Indicates new or revised entry.

Chart temporarily affected - Aus 244 - Aus 245 - Aus 246.

148(T)/98 AUSTRALIA - QUEENSLAND - Repulse Bay - Laguna Quays - Dredging operations.

Date - Until 30 May 1998.

DOTQ Notice 43/98(98/1888). (AH 58/22)

The dredger *Kikilu* has commenced dredging operations in the entrance channel into Laguna Quay (20° 36'.0 S 148° 41'.4 E).

For channel access, vessel operators should contact Laguna Quays Marina during daylight hours on VHF Ch9 or 21 and during hours of darkness the dredge should be contacted direct on VHF Ch9.

Mariners should pass the dredge, which will display appropriate shapes and signals, at a speed and distance consistent with safe navigation.

Chart temporarily affected - Aus 824.

149(T)/98 AUSTRALIA - QUEENSLAND - Townsville - Goondi Creek - Dredging completed.

Former Notice - 159(T)/97 is cancelled

DOTQ Notice 41/97 (98/1691). (AH 58/22)

Cancel this notice on receipt.

Chart formerly affected - Aus 257

150(T)/98 AUSTRALIA - QUEENSLAND - Red Cliff Point - Obstruction dispersed.

Former Notice - 647(T)/96 is cancelled

DOTQ Notice 36/98 (98/1633). (AH 58/126)

Cancel this notice on receipt.

Chart formerly affected - Aus 830

151(P)/98 AUSTRALIA - NORTHERN TERRITORY - East Vernon Island - Light to be altered.

Date - On or about 31 March 1998

AMSA ATH 1998/N/001 (98/1184). (*AH 63/78*)

East Vernon Island light (12° 04'.7 S 137° 05'.6 E) will be altered to *Fl. WRG. 5s 12m 11-8M.*

Chart which will be affected - Aus 20 - Aus 308 - Aus 722.

**III
NAVIGATION WARNINGS**

The following radio messages have been received during the period to 13 February 1998. 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

- 026 NW Coast. Seismic survey vessel *Ramform Challenger* towing 3.5NM cable in area 21° 24' S to 21° 39' S and 113° 46' E to 114° 05' E.
027 NW Coast. Seismic survey vessel *Nordic Explorer* towing 2.5NM cable in area 19° 15' S to 20° 15' S and 116° 00' E to 117° 06' E
028 NW Coast. Drill rig *Ocean Bounty* in position 10° 59'.5 S 126° 19'.2 E 2.5NM clearance requested.
029 NW Coast. Seismic survey vessel *Geco Emerald* towing 4NM cable in area 09° 55' S to 10° 25' S and 126° 15' E to 126° 40' E.
030 Cancelled.
031 NW Coast. Seismic survey vessel *Sea Challenger* towing 1.5NM cable in area 20° 00' S to 20° 45' S and 114° 40' E to 115° 10' E.
032 NW Coast. Seismic survey vessel *Odin Explorer* towing 3.5NM cable in area bounded by 17° 15' S 115° 30' E, 18° 30' S 118° 15' E and 19° 15' S 115° 15' E.
033 NW Coast. Drill rig *Ocean General* in position 10° 02'.0 S 129° 33'.5 E 2.5NM clearance requested.
034 SW Coast. Fremantle Fairway Landfall buoy position 31° 57'.3 S 115° 38".8 E temporarily replaced by red buoy with white stripes, same light characteristics, radar reflector range 6NM, no racon.
035 NW Coast. Drill rig *Sedco 703* in position 10° 37'.6 S 126° 01'.7 E 2.5NM clearance requested.
036 NE Coast. White Tip Reef rear lead light K3054.1 (19° 55'.4 S 150° 16'.0 E) unlit.

NAVAREA X WARNINGS

Nil received

Navigational warnings in force as at 121400UTC FEB 98.

Auscoast

1997 294 328 334.

1998 003 014 017 019 022 025 026 027 028 029 031 032 033 034 035 036 .

Navarea X

1997 009 011 021 022 027.

1998 Nil

Summary of mobile drilling rigs as at 121400UTC FEB 98.

Name	Position
Ocean General	10° 02'.0 S 129° 33'.5 E
Ocean Bounty	10° 59'.5 S 126° 19'.2 E
Sedco 703	10° 37'.6 S 126° 01'.7 E
Atwood Southern Cross	11° 12'.7 S 125° 01'.6 E
Ocean Epoch	15° 37'.2 S 122° 02'.7 E
Ron Tappmeyer	20° 02'.6 S 116° 18'.1 E
Ensco 56	20° 39'.8 S 115° 36'.3 E

NAVAREA XIV WARNINGS

- 001 Cancelled.
002 Cancelled.
003 Cancelled.
004 Cancelled.
005 Cancelled.
006 Cancelled.
007 Cancelled.
008 Cancelled.
009 Cancelled.
010 Cancelled.
011 Cancelled.
012 Cancelled.
013 Cancelled.

Navarea XIV warnings in force as at 120001UTC FEB 98.

1997 203.

1998 Nil

IV

HYDROGRAPHIC REPORTS

<i>Locality</i>	<i>Report</i>	<i>Ship/Authority</i>	<i>Observer</i>
QLD- Robertson Reef	Shoal patches	ACV <i>Wauri</i>	M Fitzsimmons
PACIFIC OCEAN- Tavunashithi Islet	Position	MV <i>Pacific Mariner</i>	B Keane

9. FIRING PRACTICE AND EXERCISE AREAS

General

1. This *Notice* contains the declared firing practice areas under the Naval Forces (Firing Areas) Regulations together with the Army and Air Force firing practice areas over the sea.
2. Firing practice areas may be selected anywhere and details are published in the *Australian Government Gazette* and the *De Airspace Handbook (AP1/A)*.
3. The areas are listed in numerical order by States using standard reference numbers.
4. In view of the responsibility of range authorities to avoid accidents, limits of practice areas are not shown on charts and descriptions will not appear in the *Sailing Directions*. However, beacons, lights and marking buoys, which may be of assistance to the mariners at targets which might be a danger to navigation, will appear on charts and, when appropriate, will be mentioned in the *Sailing Directions*.
5. Lights will be mentioned in the *Admiralty List of Lights Vol K*.

Definitions

6. **Restricted Area (R -).** An area of defined dimensions within which certain restrictions are applied to aircraft operations. When an *R area* in *Notices to Mariners*, the air activity extends to sea level and the nature of the activity is such that dangers to maritime navigation may exist at specified times within the area defined in *Notices to Mariners*.
7. **Prohibited Area (P-).** An area of defined dimensions within which ships are not permitted at any time under any circumstances.
8. **Surface Restricted Area (SR-).** A surface area of defined dimensions within which activities dangerous to maritime traffic may exist at specified times. The restriction is applicable to maritime traffic only.

Areas

9. The limits of all areas in this *Notice* are laid down in writing, numerically and graphically on chartlets by States.
10. Naval firings outside the areas listed in this publication are approved by the Department of Defence (Navy Office) from time to time.

Notification of Warnings

11. Warnings are promulgated as *Notices to Airmen (NOTAM)* originated by the RAN and RAAF.
12. Visual warnings will be used as follows:
 - (a) *Ships* - ships engaged in firing practice fly a red flag by day.
 - (b) *Range Craft* - all safety craft, target towers or control launches for radio controlled targets will display for identification the following:
 - (i) A large red flag at the masthead.
 - (ii) A painted canvas strip 1.8m x 0.9m (6 x 3 feet) with red and white or red and yellow checks in 0.3m (1 ft) square foredeck or cabin roof.
 - (iii) Vessels should comply with requests made by Range Safety Craft.
13. Ships and aircraft carrying out night exercises may illuminate with bright white flares.

Vertical limits and Hours of Operations.

14. Lower and upper vertical limits are promulgated as above mean sea level when at or below the transition altitude or as a flight level when above the transition altitude. SFC means the surface of the ground or water. NOTAM indicates that the vertical limits will be notified in a NOTAM. The following code applies for hours of operation:

D	Daily
H24	Continuously
W	Monday to Friday
Mo,Tu,We,Th,Fr,Sa,Su	Days of the week
JO	Monday to Friday (except public holidays)
HJ	During daylight hours
Z	Universal co-ordinated time
L	Local time.

Types of Firing Practices.

15. The principal types of practices carried out are:
 - (a) *Bombing practice from aircraft* - warning signals usually shown.
 - (b) *Air to air, and air to sea or ground firing* - the former is carried out by aircraft at a large white or red sleeve, a winged target towed by another aircraft moving on a steady course. The latter is carried out from aircraft at towed or stationary targets on sea the firing taking place to seaward in the case of those on land.
 - (c) *Anti-aircraft firing* - this may be from AA guns or machine guns at a target towed by an aircraft as in *para 15(b)*, a pilotless target or, at balloons or kites. Practice may take place from shore batteries or ships
 - (d) *Firing from shore batteries or ships* - at fixed or floating targets.
 - (e) *Remote controlled craft* - these are 6.4 metre surface craft, orange in colour and carry no distinctive shapes or lights. They are, however, fitted with navigation lights appropriate to their size in accordance with the *Regulations for Preventing Collisions at Sea*. Such craft are remotely controlled from helicopters, ships and occasionally from the shore.
 - (f) *Rocket and guided weapons firing* - these may take the form of *paras 15 (b), (c) or (d)*. All such firings are conducted under *C and Sea) Range Procedure*. Devices are generally incorporated whereby the missiles may be destroyed should their flight be endangered.

Cautions

16. The absence of warning signals cannot be accepted as evidence that a practice does not exist.
17. The range authorities are responsible for ensuring that there should be no risk of damage from falling shell-splinters, bullets, etc vessel which may be in the practice area.
18. If, however, a vessel finds herself in an area where practice is in progress she should maintain her course and speed, but, prevented from doing this by the exigencies of navigation, it would assist the range authority if she would endeavour to clear the area at the earliest possible moment. Furthermore, if projectiles or splinters are observed to be falling near the vessel, all persons on board should cover.
19. Fishermen operating in the vicinity of firing practice and exercise areas may occasionally bring unexploded missiles or portions to the surface in their nets or trawls. These objects may be dangerous and should be treated with great circumspection and immediately, no attempt being made to tamper with them or bring them back for inspection by Navy authorities.

RESTRICTED AND DANGER AREAS WITH ASSOCIATED AIRSPACE (Note: positions are referred to WGS84)

NEW SOUTH WALES

SR050 Broken Bay



Nature of Activity Naval mine laying and sweeping

Administrative Authority Navy

Vertical Limits Nil

Times of Use H24

Chart Aus 197

Chartlet 2

- | | | |
|-----------------------------------|----------------------------------|----------------------------------|
| (a) 33° 34' 38" S 151° 18' 30" E | (b) 33° 32' 54" S 151° 18' 39" E | (c) 33° 32' 52" S 151° 20' 45" E |
| (d) 33° 31' 44" S 151° 24' 14" E | (e) 33° 31' 09" S 151° 25' 15" E | (f) 33° 31' 09" S 151° 32' 24" E |
| (g) 33° 37' 35" S 151° 28' 00" E | (h) 33° 37' 35" S 151° 20' 30" E | (i) 33° 35' 04" S 151° 20' 03" E |
| (j) 33° 34' 45" S 151° 19' 44" E. | | |

SR051 Jervis Bay

Nature of Activity Naval mine laying and sweeping

Administrative Authority Navy

Vertical Limits Nil

Times of Use H24

Chart Aus 193

Chartlet 1

- | | | |
|----------------------------------|-----------------------------------|----------------------------------|
| (a) 35° 04' 24" S 150° 41' 50" E | (b) 35° 00' 32" S 150° 43' 27" E | (c) 35° 01' 05" S 150° 46' 00" E |
| (d) 35° 04' 52" S 150° 46' 26" E | (e) 35° 05' 38" S 150° 48' 00" E | (f) 35° 05' 45" S 150° 48' 26" E |
| (g) 35° 05' 45" S 150° 55' 09" E | (h) 35° 10' 02" S 150° 51' 32" E. | |

YMMM/R452 Beecroft Head

Nature of Activity Bombardment/weapons range

Administrative Authority Navy

Vertical Limits Notam

Times of Use Notam

Chart Aus 808

Chartlet 1

- | | | |
|----------------------------------|----------------------------------|----------------------------------|
| (a) 34° 59' 00" S 151° 07' 00" E | (b) 35° 08' 54" S 151° 07' 00" E | (c) 35° 05' 27" S 150° 48' 56" E |
| (d) 35° 05' 27" S 150° 47' 12" E | (e) 35° 06' 06" S 150° 42' 48" E | (f) 35° 04' 20" S 150° 42' 15" E |
| (g) 35° 02' 18" S 150° 42' 09" E | (h) 35° 00' 00" S 150° 44' 00" E | (i) 35° 01' 24" S 150° 47' 15" E |
| (j) 35° 01'.40 S 150° 50'.40 E. | | |

YMMM/R453A Tasman Sea

Nature of Activity Firing, bombing, radar tracking

Administrative Authority Navy

Vertical Limits Notam

Times of Use Notam

Chart Aus 423

Chartlet 1

34° 59' 59" S 150° 49' 53" E, thence the minor arc of a circle of 15NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 30° S 150° 50' 14" E, 34° 57' 24" S 150° 59' 58" E, thence the minor arc of a circle of 23NM radius centred on Nowra Tacan, to 35° S 150° 53' 14" E 35° 03' 04" S 150° 40' 06" E, thence the minor arc of a circle of 9NM radius centred on Nowra Tacan, to 34° 59' 11" S 37" E.

YMMM/R453B Tasman Sea

Nature of Activity Firing, bombing, radar tracking

Administrative Authority Navy

Vertical Limits Notam

Times of Use Notam

Chart Aus 423

Chartlet 1

35° 05' 59" S 150° 33' 00" E, thence the minor arc of a circle of 9NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 04" S 150° 40' 06" E, 35° 12' 02" S 150° 53' 14" E, thence the minor arc of a circle of 23NM radius centred on Nowra Tacan, to 35° S 150° 34' 29" E.

YMMM/R453C Tasman Sea

Nature of Activity Firing, bombing, radar tracking

Administrative Authority Navy

Vertical Limits Notam

Times of Use Notam

Chart Aus 423

Chartlet 1

34° 57' 02" S 151° 30' 18" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E) 13' 25" S 151° 26' 53" E, 35° 05' 04" S 150° 58' 14" E, thence the minor arc of a circle of 23NM radius centred on Nowra Tacan, to 34° S 150° 59' 58" E.

YMMM/R453D Tasman Sea*Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

35° 13' 25" S 151° 26' 53" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E 27' 57" S 151° 16' 43" E, 35° 12' 02" S 150° 53' 14" E, thence the minor arc of a circle of 23NM radius centred on Nowra Tacan, to 35 S 150° 58' 14" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453E Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

35° 27' 57" S 151° 16' 43" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E 38' 34" S 151° 01' 18" E, 35° 16' 58" S 150° 45' 59" E, thence the minor arc of a circle of 23NM radius centred on Nowra Tacan, to 35 S 150° 53' 14" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453F Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

35° 38' 34" S 151° 01' 18" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E 44' 49" S 150° 37' 09" E, 35° 19' 57" S 150° 34' 29" E, thence the minor arc of a circle of 23NM radius centred on Nowra Tacan, to 35 S 150° 45' 59" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453G Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

34° 56' 32" S 151° 59' 35" E, thence the minor arc of a circle of 72NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 23° S 151° 54' 38" E, 35° 13' 25" S 151° 26' 53" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan, to 34° S 151° 30' 18" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453H Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

35° 21' 23" S 151° 54' 38" E, thence the minor arc of a circle of 72NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 14° S 151° 39' 32" E, 35° 27' 57" S 151° 16' 43" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan, to 35° S 151° 26' 53" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453J Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

35° 43' 14" S 151° 39' 32" E, thence the minor arc of a circle of 72NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 23° S 151° 16' 13" E, 35° 38' 34" S 151° 01' 18" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan, to 35° S 151° 16' 43" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453K Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

35° 59' 23" S 151° 16' 13" E., thence the minor arc of a circle of 72NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 50° S 150° 39' 45" E, 35° 44' 49" S 150° 37' 09" E, thence the minor arc of a circle of 47.9NM radius centred on Nowra Tacan, to 35° S 151° 01' 18" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453L Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

34° 56' 01" S 152° 25' 27" E, 35° 18' 59" S 152° 55' 50" E, thence the minor arc of a circle of 120NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 35° 36' 56" S 152° 50' 15" E, 35° 21' 23" S 151° 54' 38" E, thence the minor arc of a circle of 72NM radius centred on Nowra Tacan, to 34° 56' 32" S 151° 59' 35" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1**YMMM/R453M Tasman Sea***Nature of Activity* Firing, bombing, radar tracking*Vertical Limits* Notam*Chart* Aus 423

35° 36' 56" S 152° 50' 15" E, thence the minor arc of a circle of 120NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E) 13' 30" S 152° 25' 29" E, 35° 43' 14" S 151° 39' 32" E, thence the minor arc of a circle of 72NM radius centred on Nowra Tacan, to 35 S 151° 54' 38" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1

YMMM/R453N Tasman Sea*Nature of Activity* Firing, bombing, radar tracking*Administrative Authority* Navy*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

36° 13' 30" S 152° 25' 29" E, thence the minor arc of a circle of 120NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E 40' 48" S 151° 46' 21" E, 35° 59' 23" S 151° 16' 13" E, thence the minor arc of a circle of 72NM radius centred on Nowra Tacan, to 35° S 151° 39' 32" E.

YMMM/R453P Tasman Sea*Nature of Activity* Firing, bombing, radar tracking*Administrative Authority* Navy*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

36° 40' 48" S 151° 46' 21" E, thence the minor arc of a circle of 120NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E 56' 43" S 150° 45' 01 E, 36° 08' 50" S 150° 39' 45" E, thence the minor arc of a circle of 72NM radius centred on Nowra Tacan, to 35° ! 151° 16' 13" E.

YMMM/R485A Tasman Sea*Nature of Activity* Military flying training*Administrative Authority* Navy*Vertical Limits* SFC-1 500*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

(a) 34° 26' 40" S 151° 09' 44" E (b) 34° 06' 00" S 151° 19' 43" E (c) 34° 06' 00" S 151° 44' 37" E
thence the minor arc of a circle of 30NM radius centred on Sydney DME (33° 56' 37" S 151° 10' 18" E) to (a).

YMMM/R485B Tasman Sea*Nature of Activity* Military flying training*Administrative Authority* Navy*Vertical Limits* SFC-7 500*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

(a) 34° 30' 00" S 151° 51' 35" E (b) 34° 30' 00" S 151° 08' 07" E (c) 34° 26' 40" S 151° 09' 44" E
thence the minor arc of a circle of 30NM radius centred on Sydney DME (33° 56' 37" S 151° 10' 18" E) to
(d) 34° 06' 00" S 151° 44' 37" E (e) 34° 06' 00" S 152° 03' 16" E.

YMMM/R485C Tasman Sea*Nature of Activity* Military flying training*Administrative Authority* Navy*Vertical Limits* SFC-8 500*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

(a) 34° 20' 29" S 151° 56' 14" E (b) 34° 06' 00" S 152° 03' 16" E (c) 34° 06' 00" S 152° 33' 44" E
thence the minor arc of a circle of 70NM radius centred on Sydney DME (33° 56' 37" S 151° 10' 18" E) to
(d) 34° 30' 45" S 152° 24' 04" E.

YMMM/R485D Tasman Sea*Nature of Activity* Military flying training*Administrative Authority* Navy*Vertical Limits* SFC-FL125*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

(a) 34° 30' 45" S 152° 24' 04" E, thence the minor arc of a circle of 70NM radius centred on Sydney DME (33° 56' 37" S 151° 10' 18" E)
(b) 34° 06' 00" S 152° 33' 44" E (c) 34° 06' 00" S 153° 34' 17" E
thence the minor arc of a circle of 120NM radius centred on Sydney DME to 34° 50' 50" S 153° 19' 44" E

YMMM/R485E Tasman Sea*Nature of Activity* Military flying training*Administrative Authority* Navy*Vertical Limits* SFC-FL205*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

(a) 34° 30' 00" S 151° 51' 35" E (b) 34° 20' 29" S 151° 56' 14" E (c) 34° 50' 50" S 153° 19' 44" E
thence the minor arc of a circle of 120NM radius centred on Sydney DME (33° 56' 37" S 151° 10' 18" E) to
(d) 35° 19' 09" S 152° 56' 03" E.

YBBB/R489 Tasman Sea*Nature of Activity* Firing, bombing, radar tracking*Administrative Authority* Navy*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 361*Chartlet* 2

(a) 33° 38' 02" S 151° 51' 02" E (b) 33° 26' 06" S 152° 00' 27" E (c) 33° 25' 47" S 152° 22' 03" E
(d) 33° 44' 42" S 152° 22' 04" E (e) 33° 47' 23" S 151° 51' 02" E.

YMMM/R495A Tasman Sea*Nature of Activity* Firing, bombing, tracking*Administrative Authority* Navy*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 423*Chartlet* 1

(a) 34° 43' 56" S 151° 00' 00" E (b) 34° 40' 30" S 151° 03' 00" E (c) 34° 30' 00" S 151° 08' 07" E
(d) 34° 30' 00" S 151° 30' 00" E (e) 34° 57' 02" S 151° 30' 18" E (f) 34° 57' 24" S 150° 59' 58" E,
thence the minor arc of a circle of 23NM radius centred on Nowra Tacan (34° 57' 00" S 150° 32' 00" E), to 34° 56' 07" S 150° 59' 57" E.

YMMM/R495B Tasman Sea*Nature of Activity* Firing, bombing, tracking*Vertical Limits* Notam*Chart* Aus 423

(a) 34° 30' 00" S 151° 30' 00" E

(d) 34° 56' 32" S 151° 59' 35" E

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1

(b) 34° 30' 00" S 151° 51' 35" E

(e) 34° 57' 02" S 151° 30' 18" E.

(c) 34° 36' 30" S 151° 59' 59" E

YMMM/R495C Tasman Sea*Nature of Activity* Firing, bombing, tracking*Vertical Limits* Notam*Chart* Aus 423

(a) 34° 56' 32" S 151° 59' 35" E

Administrative Authority Navy*Times of Use* Notam*Chartlet* 1

(b) 34° 36' 30" S 151° 59' 59" E

(c) 34° 56' 01" S 152° 25' 27" E.

YBBB/R576A Williamtown*Nature of Activity* Military Air to air gunnery, missile firing*Vertical Limits* SFC-FL600*Chart* Aus 362

32° 34' 42" S 153° 40' 18" E, thence the minor arc of a circle of 150 NM radius centred on Sydney DME (33° 56' 37" S 151° 10' 18" E 47' 54" S 153° 49' 36" E, 33° 07' 47" S 152° 07' 57" E, thence the minor arc of a circle of 25 NM radius centred on Williamtown Tacan 49° S 151° 50' 00" E), to 32° 44' 36" S 152° 19' 24" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 2**YBBB/R576B Williamtown***Nature of Activity* Military Air to air gunnery, missile firing*Vertical Limits* SFC-FL600*Chart* Aus 424

33° 07' 47" S 152° 07' 57" E, 32° 47' 54" S 153° 49' 36" E, thence the minor arc of a circle of 150 NM radius centred on Sydney DME 37" S 151° 10' 18" E), to 32° 59' 30" S 153° 56' 10" E, 33° 25' 49" S 152° 24' 44" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 2**YBBB/R577 Williamtown***Nature of Activity* Military intercept training*Vertical Limits* SFC-FL600*Chart* Aus 809

33° 11' 51" S 151° 41' 33" E, thence the minor arc of a circle of 25 NM radius centred on Williamtown Tacan (32° 47' 49" S 151° 50' C 32° 44' 36" S 152° 19' 24" E, 32° 25' 00" S 152° 33' 00" E, 31° 00' 15" S 153° 16' 08" E, thence the minor arc of a circle of 130 NM centred on Williamtown Tacan, to 34° 00' 00" S 153° 59' 16" E, 34° 00' 00" S 152° 10' 17" E, thence the minor arc of a circle of 50 NM centred on Sydney DME (33° 56' 37" S 151° 10' 18" E), to 33° 13' 35" S 151° 40' 56" E.

Administrative Authority Air Force*Times of Use* H24*Chartlet* 2**YBBB/R609 Evans Head***Nature of Activity* Firing*Vertical Limits* Notam*Chart* Aus 813

29° 14' 00" S 153° 24' 00" E, thence the major arc of a circle of 3 NM radius centred on 29° 11' 00" S 153° 24' 00" E, to 29° 10' 13" S 19" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 2**YBBB/R621A Evans Head***Nature of Activity* Bombing*Vertical Limits* 1 000-8 000*Chart* Aus 813

(a) 28° 57' 00" S 153° 27' 30" E (b) 28° 56' 21" S 153° 31' 28" E, thence along the coast 29° 06' 55" S 153° 26' 11" E, then the N bank of the Evans and Richmond Rivers to 29° 01' 20" S 153° 17' 00" E.

Administrative Authority Air Force*Times of Use* H24*Chartlet* 2**YBBB/R621B Evans Head***Nature of Activity* Bombing*Vertical Limits* SFC-8 000*Chart* Aus 813

(a) 29° 15' 00" S 153° 03' 30" E (b) 29° 06' 00" S 153° 05' 40" E (c) 29° 01' 20" S 153° 17' 00" E, thence along the of the Evans and Richmond Rivers to 29° 06' 55" S 153° 26' 11" E, thence along the coast to 29° 26' 28" S 153° 22' 12" E.

Administrative Authority Air Force*Times of Use* H24*Chartlet* 2**YBBB/R621C Evans Head***Nature of Activity* Bombing*Vertical Limits* 8 000-FL150*Chart* Aus 813

(a) 29° 15' 00" S 153° 03' 30" E (b) 29° 06' 00" S 153° 05' 40" E (c) 28° 57' 00" S 153° 27' 30" E (d) 28° 56' 21" S 153° 31' 28" E, thence along the coast to 29° 26' 28" S 153° 22' 12" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 2**YBBB/R621D Evans Head***Nature of Activity* Bombing*Vertical Limits* FL150-FL400*Chart* Aus 813

(a) 29° 15' 00" S 153° 03' 30" E (b) 29° 06' 00" S 153° 05' 40" E (c) 28° 57' 00" S 153° 27' 30" E (d) 28° 56' 21" S 153° 31' 28" E, thence along the coast to 29° 26' 28" S 153° 22' 12" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 2

YBBB/R621E Evans Head

Nature of Activity Bombing
 Vertical Limits SFC-8 000
 Chart Aus 813

Administrative Authority Air Force
 Times of Use H24
 Chartlet 2

28° 54' 15" S 153° 40' 42" E, thence the minor arc of a circle of 23 NM radius centred on 29° 11' 51" S 153° 23' 44" E, to 29° 34' 41" S 05" E, thence along the coast to 28° 56' 21" S 153° 31' 28" E.

YBBB/R621F Evans Head

Nature of Activity Bombing
 Vertical Limits 8 000-FL150
 Chart Aus 813

Administrative Authority Air Force
 Times of Use Notam
 Chartlet 2

28° 54' 15" S 153° 40' 42" E, thence the minor arc of a circle of 23 NM radius centred on 29° 11' 51" S 153° 23' 44" E, to 29° 34' 41" S 05" E, thence along the coast to 28° 56' 21" S 153° 31' 28" E.

YBBB/R621G Evans Head

Nature of Activity Bombing
 Vertical Limits FL150-FL400
 Chart Aus 813

Administrative Authority Air Force
 Times of Use Notam
 Chartlet 2

28° 54' 15" S 153° 40' 42" E, thence the minor arc of a circle of 23 NM radius centred on 29° 11' 51" S 153° 23' 44" E, to 29° 34' 41" S 05" E, thence along the coast to 28° 56' 21" S 153° 31' 28" E.

QUEENSLAND**YBBB/R676 Cape Moreton**

Nature of Activity Firing
 Vertical Limits Notam
 Chart Aus 814

Administrative Authority Navy
 Times of Use Notam
 Chartlet 3

(a) 26° 57' 00" S 153° 25' 00" E (b) 26° 48' 00" S 153° 30' 00" E (c) 26° 52' 00" S 153° 40' 00" E
 (d) 27° 01' 00" S 153° 36' 00" E.

YBBB/R677A Brisbane

Nature of Activity Military flying and laser operations
 Vertical Limits SFC-FL600
 Chart Aus 426

Administrative Authority Air Force
 Times of Use H24
 Chartlet 3

(a) 27° 20' 00" S 154° 00' 00" E (b) 25° 45' 00" S 154° 00' 00" E (c) 25° 45' 00" S 155° 20' 00" E
 (d) 27° 20' 00" S 155° 20' 00" E.

YBBB/R677B Brisbane

Nature of Activity Military flying and laser operations
 Vertical Limits SFC-FL600
 Chart Aus 426

Administrative Authority Air Force
 Times of Use H24
 Chartlet 3

(a) 29° 05' 00" S 154° 00' 00" E (b) 27° 20' 00" S 154° 00' 00" E (c) 27° 20' 00" S 155° 20' 00" E
 (d) 29° 05' 00" S 155° 20' 00" E.

YBBB/R678A Wide Bay

Nature of Activity Firing
 Vertical Limits SFC-5 000
 Chart Aus 817

Administrative Authority Army
 Times of Use H24
 Chartlet 3

(a) 25° 58' 00" S 152° 50' 00" E (b) 25° 48' 00" S 152° 50' 00" E (c) 25° 48' 00" S 153° 02' 00" E
 (d) 25° 54' 00" S 153° 02' 00" E thence SW along Schnapper Creek to (e) 25° 56' 00" S 152° 59' 00" E
 (f) 25° 58' 00" S 152° 56' 00" E.

YBBB/R678B Wide Bay

Nature of Activity Firing
 Vertical Limits 5 000-9 500
 Chart Aus 817

Administrative Authority Army
 Times of Use Notam
 Chartlet 3

(a) 25° 58' 00" S 152° 50' 00" E (b) 25° 48' 00" S 152° 50' 00" E (c) 25° 48' 00" S 153° 02' 00" E
 (d) 25° 54' 00" S 153° 02' 00" E thence SW along Schnapper Creek to (e) 25° 56' 00" S 152° 59' 00" E
 (f) 25° 58' 00" S 152° 56' 00" E.

YBBB/R678C Wide Bay

Nature of Activity Firing
 Vertical Limits 9 500-Notam
 Chart Aus 817

Administrative Authority Army
 Times of Use Notam
 Chartlet 3

(a) 25° 58' 00" S 152° 50' 00" E (b) 25° 48' 00" S 152° 50' 00" E (c) 25° 48' 00" S 153° 02' 00" E
 (d) 25° 54' 00" S 153° 02' 00" E thence SW along Schnapper Creek to (e) 25° 56' 00" S 152° 59' 00" E
 (f) 25° 58' 00" S 152° 56' 00" E.

YBBB/R680 Akens Island*Nature of Activity* Firing*Administrative Authority* Army*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 822*Chartlet* 4

- (a) 22° 17' 00" S 150° 12' 00" E (b) 22° 15' 00" S 150° 20' 00" E (c) 22° 12' 34" S 150° 25' 27" E
 (d) 22° 15' 06" S 150° 23' 42" E (e) 22° 17' 54" S 150° 23' 12" E (f) 22° 23' 42" S 150° 26' 12" E
 (g) 22° 30' 30" S 150° 27' 00" E thence N along the coast to 22° 19' 00" S 150° 10' 46" E.

YBBB/R682 Townshend Island*Nature of Activity* Gunnery practice*Administrative Authority* Army*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 822*Chartlet* 4

- (a) 22° 17' 54" S 150° 23' 12" E (b) 22° 15' 06" S 150° 23' 42" E (c) 22° 06' 00" S 150° 30' 00" E
 (d) 22° 06' 00" S 150° 45' 00" E (e) 22° 19' 00" S 150° 49' 00" E (f) 22° 19' 00" S 150° 33' 00" E
 (g) 22° 25' 56" S 150° 26' 28" E (h) 22° 23' 42" S 150° 26' 12" E.

YBBB/R683 Cape Clinton*Nature of Activity* Gunnery and weapons*Administrative Authority* Army*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 822*Chartlet* 4

- (a) 22° 30' 30" S 150° 27' 00" E (b) 22° 25' 56" S 150° 26' 28" E (c) 22° 19' 00" S 150° 33' 00" E
 (d) 22° 19' 00" S 150° 49' 00" E (e) 22° 41' 19" S 150° 50' 31" E

YBBB/R684A Mount Hummock*Nature of Activity* Firing*Administrative Authority* Army*Vertical Limits* SFC-2 000*Times of Use* H24*Chart* Aus 822*Chartlet* 4

- (a) 22° 55' 00" S 150° 27' 00" E (b) 22° 30' 30" S 150° 27' 00" E (c) 22° 41' 19" S 150° 50' 31" E
 (d) 22° 49' 22" S 150° 47' 07" E (e) 22° 47' 57" S 150° 37' 21" E (f) 22° 54' 00" S 150° 36' 00" E.

YBBB/R684B Mount Hummock*Nature of Activity* Firing*Administrative Authority* Army*Vertical Limits* 2 000-Notam*Times of Use* Notam*Chart* Aus 822*Chartlet* 4

- (a) 22° 55' 00" S 150° 27' 00" E (b) 22° 30' 30" S 150° 27' 00" E (c) 22° 41' 19" S 150° 50' 31" E
 (d) 22° 49' 22" S 150° 47' 07" E (e) 22° 47' 57" S 150° 37' 21" E (f) 22° 54' 00" S 150° 36' 00" E.

YBBB/R686 Triangular Island*Nature of Activity* Demolition*Administrative Authority* Army*Vertical Limits* SFC-10 000*Times of Use* Notam*Chart* Aus 822*Chartlet* 4

A circle of 3NM radius centred on 22° 23' 00" S 150° 30' 30" E.

YBBB/R687A Raspberry Creek*Nature of Activity* Firing*Administrative Authority* Army*Vertical Limits* SFC-2 000*Times of Use* H24*Chart* Aus 822*Chartlet* 4

- (a) 22° 52' 05" S 150° 16' 31" E (b) 22° 27' 04" S 150° 05' 46" E (c) 22° 19' 00" S 150° 10' 46" E
 thence SE along the coast to (d) 22° 30' 30" S 150° 27' 00" E (d) 22° 55' 00" S 150° 27' 00" E.

YBBB/R687B Raspberry Creek*Nature of Activity* Firing*Administrative Authority* Army*Vertical Limits* 2 000-Notam*Times of Use* Notam*Chart* Aus 822*Chartlet* 4

- (a) 22° 52' 05" S 150° 16' 31" E (b) 22° 27' 04" S 150° 05' 46" E (c) 22° 19' 00" S 150° 10' 46" E
 thence SE along the coast to (d) 22° 30' 30" S 150° 27' 00" E (d) 22° 55' 00" S 150° 27' 00" E.

YBBB/R689 Shoalwater Bay*Nature of Activity* Weapons range*Administrative Authority* Army*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 367*Chartlet* 4

- (a) 22° 27' 04" S 150° 05' 46" E (b) 22° 15' 09" S 150° 00' 40" E, thence the major arc of a circle of 30 NM radius centred on
 00" S 150° 33' 00" E (c) 22° 41' 19" S 150° 50' 31" E (d) 22° 19' 00" S 150° 49' 00" E
 (e) 22° 06' 00" S 150° 45' 00" E (f) 22° 06' 00" S 150° 30' 00" E (g) 22° 12' 34" S 150° 25' 27" E
 (h) 22° 15' 00" S 150° 20' 00" E (i) 22° 17' 00" S 150° 12' 00" E.

YBBB/R692A Herbert Creek*Nature of Activity* Firing*Administrative Authority* Army*Vertical Limits* SFC-2 000*Times of Use* H24*Chart* Aus 367*Chartlet* 4

- (a) 22° 38' 00" S 150° 05' 30" E (b) 22° 27' 30" S 150° 05' 30" E (c) 22° 27' 04" S 150° 05' 46" E
 (d) 22° 52' 05" S 150° 16' 31" E (e) 22° 51' 30" S 150° 13' 30" E (f) 22° 44' 30" S 150° 08' 30" E.

YBBB/R692B Herbert Creek

Nature of Activity Firing
 Vertical Limits 2 000-8 000
 Chart Aus 367
 (a) 22° 38' 00" S 150° 05' 30" E
 (d) 22° 52' 05" S 150° 16' 31" E

Administrative Authority Army
 Times of Use Notam
 Chartlet 4
 (b) 22° 27' 30" S 150° 05' 30" E
 (e) 22° 51' 30" S 150° 13' 30" E
 (c) 22° 27' 04" S 150° 05' 46" E
 (f) 22° 44' 30 S 150° 08' 30" E.

YBBB/R692C Herbert Creek

Nature of Activity Firing
 Vertical Limits 8 000-Notam
 Chart Aus 367
 (a) 22° 38' 00" S 150° 05' 30" E
 (d) 22° 52' 05" S 150° 16' 31" E

Administrative Authority Army
 Times of Use Notam
 Chartlet 4
 (b) 22° 27' 30" S 150° 05' 30" E
 (e) 22° 51' 30" S 150° 13' 30" E
 (c) 22° 27' 04" S 150° 05' 46" E
 (f) 22° 44' 30 S 150° 08' 30" E.

YBBB/R693 Elliott

Nature of Activity Firing
 Vertical Limits Notam
 Chart Aus 366
 (a) 24° 24' 00" S 152° 08' 00" E
 (d) 24° 41' 00" S 152° 34' 00" E.

Administrative Authority Army
 Times of Use Notam
 Chartlet 3
 (b) 24° 11' 00" S 152° 31' 00" E
 (c) 24° 28' 00" S 152° 58' 00" E

YBBB/R725 Saumarez Reef

Nature of Activity Bombing
 Vertical Limits Notam
 Chart Aus 612
 A circle of 5 NM radius centred on 21° 51' 18" S 153° 38' 47" E.

Administrative Authority Air Force
 Times of Use Notam
 Chartlet 3

YBBB/R747 Rattlesnake Island

Nature of Activity Weapons range
 Vertical Limits SFC-6 000
 Chart Aus 827
 A circle of 4.8 NM radius centred on 19° 02' 10" S 146° 36' 38" E.

Administrative Authority Air Force
 Times of Use Notam
 Chartlet 5

YBBB/R748 Halifax Bay

Nature of Activity Weapons range
 Vertical Limits SFC-FL600
 Chart Aus 827
 (a) 19° 04' 56" S 146° 47' 41" E
 (d) 19° 01' 30" S 146° 28' 00" E
 (g) 18° 46' 00" S 146° 31' 00" E
 Townsville Tacan (19° 16' 44" S 146° 44' 33" E), to 18° 48' 22" S 146° 51' 25" E.

Administrative Authority Air Force
 Times of Use Notam
 Chartlet 5
 (b) 19° 08' 23" S 146° 43' 46" E
 (e) 18° 55' 33" S 146° 23' 35" E
 (h) 18° 49' 12" S 146° 34' 38" E
 (c) 19° 09' 00" S 146° 38' 30" E
 (f) 18° 49' 00" S 146° 26' 00" E
 thence the minor arc of a circle of 29 NM radius ce

YBBB/R768 Cairns

Nature of Activity Firing
 Vertical Limits SFC-FL250
 Chart Aus 829 & Aus 830
 (a) 17° 19' 00" S 146° 08' 18" E
 (d) 17° 22' 00" S 146° 25' 00" E

Administrative Authority Navy
 Times of Use Notam
 Chartlet 6
 (b) 17° 08' 00" S 146° 07' 00" E
 (e) 17° 23' 30" S 146° 13' 00" E
 (c) 17° 07' 00" S 146° 23' 00" E

YBBB/R777 Cairns (Outer Reef)

Nature of Activity Surface and AA firing
 Vertical Limits SFC-FL250
 Chart Aus 829 & Aus 830
 (a) 16° 41' 30" S 146° 15' 00" E
 (d) 16° 41' 30" S 146° 33' 00" E.

Administrative Authority Navy
 Times of Use Notam
 Chartlet 6
 (b) 16° 30' 00" S 146° 15' 00" E
 (c) 16° 30' 00" S 146° 33' 00" E

YBBB/R782 Lizard Island

Nature of Activity Surface and AA firing
 Vertical Limits SFC-FL250
 Chart Aus 832
 (a) 14° 33' 00" S 145° 14' 00" E
 (d) 14° 40' 00" S 145° 18' 00" E.

Administrative Authority Navy
 Times of Use Notam
 Chartlet 6
 (b) 14° 28' 00" S 145° 22' 00" E
 (c) 14° 34' 00" S 145° 26' 00" E

YBBB/R784A Cowley Beach

Nature of Activity Firing
 Vertical Limits Notam
 Chart Aus 829
 17° 40' 00" S 146° 03' 30" E, 17° 32' 39" S 146° 11' 23" E, thence the minor arc of a circle of 10.5 NM radius centred on 17° 40' 00" S 130" E, to 17° 47' 22" S 146° 11' 23" E.

Administrative Authority Army
 Times of Use Notam
 Chartlet 5

YBBB/R784B Cowley Beach*Nature of Activity* Firing*Vertical Limits* Notam*Chart* Aus 829

17° 26' 00" S 146° 18' 30" E, thence the minor arc of a circle of 20 NM radius centred on 17° 40' 00" S 146° 03' 30" E, to 17° 54' 01" S 146° 03' 30" E, to 17° 54' 01" S 146° 11' 23" E, thence the minor arc of a circle of 10.5 NM radius centred on 17° 40' 00" S 146° 03' 30" E, to 17° 54' 01" S 146° 11' 23" E.

Administrative Authority Army*Times of Use* Notam*Chartlet* 5**NORTHERN TERRITORY****YBBB/R202A Darwin***Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

12° 17' 21" S 130° 30' 10" E, thence the minor arc of a circle of 25 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 12° 35' S 130° 29' 53" E, 12° 38' 16" S 130° 10' 16" E, thence the minor arc of a circle of 45 NM radius centred on Darwin DME, to 12° 30' 10' 49" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202B Darwin***Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

12° 10' 54" S 130° 10' 49" E, thence the minor arc of a circle of 45 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 12° 16" S 130° 10' 16" E, 12° 48' 09" S 129° 35' 54" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME, to 11° 59' 32" S 129° 37' 01" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202C Darwin***Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

11° 59' 32" S 129° 37' 01" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 11° 09' S 129° 35' 54" E, 12° 59' 22" S 128° 56' 24" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME, to 11° 59' 32" S 128° 58' 26" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202D Darwin***Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

11° 46' 29" S 128° 58' 26" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 11° 59' 22" S 128° 56' 24" E, 13° 13' 15" S 128° 07' 20" E, thence the minor arc of a circle of 170 NM radius centred on Darwin DME, to 11° 46' 29" S 128° 10' 17" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202E Darwin***Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

12° 32' 35" S 130° 29' 53" E, thence the minor arc of a circle of 25 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 12° 26" S 130° 37' 42" E, 13° 26' 16" S 130° 00' 54" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME, to 12° 32' 35" S 130° 29' 53" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202F Darwin***Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

12° 48' 09" S 129° 35' 54" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 12° 16" S 130° 00' 54" E, 13° 56' 38" S 129° 34' 00" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME, to 12° 48' 09" S 128° 56' 34" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202G Darwin***Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

12° 59' 22" S 128° 56' 24" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 12° 56' 38" S 129° 34' 00" E, 14° 34' 32" S 129° 00' 13" E, thence the minor arc of a circle of 170 NM radius centred on Darwin DME, to 12° 59' 22" S 128° 07' 20" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7

YBBB/R202H Darwin*Nature of Activity* All military operations*Vertical Limits* Notam*Chart* Aus 411

12° 44' 26" S 130° 37' 42" E, thence the minor arc of a circle of 25 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 20° S 130° 46' 39" E, 13° 41' 06" S 130° 26' 55" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME, to 13° S 130° 00' 54" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202J Darwin***Nature of Activity* All military operations*Vertical Limits* 5 000-Notam*Chart* Aus 411

13° 26' 16" S 130° 00' 54" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 06" S 130° 26' 55" E, 14° 18' 44" S 130° 12' 30" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME, to 13° S 129° 34' 00" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R202K Darwin***Nature of Activity* All military operations*Vertical Limits* 5 000-Notam*Chart* Aus 411

13° 56' 38" S 129° 34' 00" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E) to 18' 44" S 130° 12' 30" E, 15° 05' 44" S 129° 54' 21" E, thence the minor arc of a circle of 170 NM radius centred on Darwin DME, to 14° S 129° 00' 13" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R230A Darwin***Nature of Activity* Military flying training*Vertical Limits* 5 000-Notam*Chart* Aus 413

11° 05' 02" S 130° 53' 39" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 50" S 131° 42' 57" E, 12° 05' 14" S 131° 09' 35" E, thence the minor arc of a circle of 25 NM radius centred on Darwin DME, to 12° S 130° 54' 53" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R230B Darwin***Nature of Activity* Military flying, air gunnery, missile firing, bombing and naval firing*Vertical Limits* Notam*Chart* Aus 413

10° 24' 51" S 130° 52' 46" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E) to 48' 30" S 132° 07' 07" E, 11° 20' 50" S 131° 42' 57" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME, to 11° S 130° 53' 39" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R230C Darwin***Nature of Activity* Military flying training*Vertical Limits* Notam*Chart* Aus 413

9° 54' 43" S 130° 52' 07" E, thence the minor arc of a circle of 150 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 14" S 132° 25' 11" E, 10° 48' 30" S 132° 07' 07" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME, to 10° S 130° 52' 46" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R230D Darwin***Nature of Activity* Military flying training*Vertical Limits* 5 000-Notam*Chart* Aus 413

11° 20' 50" S 131° 42' 57" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E), to 20" S 132° 12' 38" E, 12° 18' 53" S 131° 19' 02" E, thence the minor arc of a circle of 25 NM radius centred on Darwin DME, to 12° S 131° 09' 35" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R230E Darwin***Nature of Activity* Military flying training*Vertical Limits* 5 000-Notam*Chart* Aus 413

10° 48' 30" S 132° 07' 07" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E) to 50' 11" S 132° 51' 32" E, 12° 02' 20" S 132° 12' 38" E, thence the minor arc of a circle of 80 NM radius centred on Darwin DME, to 11° S 131° 42' 57" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7**YBBB/R230F Darwin***Nature of Activity* Military flying training*Vertical Limits* 5 000-Notam*Chart* Aus 413

10° 24' 14" S 132° 25' 11" E, thence the minor arc of a circle of 150 NM radius centred on Darwin DME (12° 25' 23" S 130° 54' 22" E) to 41' 01" S 133° 20' 40" E, 11° 50' 11" S 132° 51' 32" E, thence the minor arc of a circle of 120 NM radius centred on Darwin DME, to 10° S 132° 07' 07" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 7

Cartier

Nature of Activity Air to surface weapon firing
 Vertical Limits Notam
 Chart Aus 314

Administrative Authority Air Force
 Times of Use Notam
 Chartlet 8

A circle of 10 kilometres radius centred on 12° 32' 00" S 123° 32' 30" E.

WESTERN AUSTRALIA**Greenough**

Nature of Activity Firing
 Vertical Limits Notam
 Chart Aus 751

Administrative Authority Army
 Times of Use HJ, Notam
 Chartlet 9

(a) 28° 57' 50" S 114° 43' 17" E along the coast to
 (d) 28° 58' 10" S 114° 42' 55" E.

(b) 28° 58' 09" S 114° 43' 38" E

(c) 28° 58' 28" S 114° 43' 16" E

Flat Rock

Nature of Activity Air to surface weapon firing
 Vertical Limits Notam
 Chart Aus 753

Administrative Authority Air Force
 Times of Use Notam
 Chartlet 9

A circle of 2.4 NM radius centred on 30° 45' 40" S 115° 09' 45" E.

Swanbourne

Nature of Activity Firing
 Vertical Limits Notam
 Chart Aus 112

Administrative Authority Army
 Times of Use Mon, Tue, Thu 0930-1500; Tue 1800-2100
 Chartlet 9

(a) 31° 57' 07" S 115° 45' 08" E along the coast to
 (d) 31° 58' 58" S 115° 43' 16" E

(b) 31° 58' 26" S 115° 45' 10" E

(c) 31° 58' 59" S 115° 44' 30" E

(e) 31° 56' 39" S 115° 43' 16" E

(f) 31° 56' 39" S 115° 44' 34" E.

YMMM/R140A Garden Island

Nature of Activity Demolition depot
 Vertical Limits SFC-1 500
 Chart Aus 111

Administrative Authority Navy
 Times of Use H24
 Chartlet 9

A circle of 1.0 NM radius centred on 32° 10' 36" S 115° 40' 18" E.

YMMM/R140B Garden Island

Nature of Activity Demolition depot
 Vertical Limits 1 500-4 000
 Chart Aus 111

Administrative Authority Navy
 Times of Use Notam
 Chartlet 9

A circle of 1.0 NM radius centred on 32° 10' 36" S 115° 40' 18" E.

YMMM/R146A Lancelin

Nature of Activity Gunnery
 Vertical Limits SFC-FL700
 Chart Aus 753 and Aus 754

Administrative Authority Navy
 Times of Use Notam
 Chartlet 9

(a) 30° 54' 00" S 114° 56' 00" E
 (d) 31° 07' 30" S 115° 05' 00" E.

(b) 30° 45' 30" S 115° 17' 30" E

(c) 30° 55' 00" S 115° 24' 00" E

YMMM/R146B Lancelin

Nature of Activity Gunnery
 Vertical Limits SFC-FL260
 Chart Aus 753 and Aus 754

Administrative Authority Navy
 Times of Use Notam
 Chartlet 9

(a) 30° 45' 30" S 115° 17' 30" E
 (d) 30° 55' 00" S 115° 24' 00" E.

(b) 30° 41' 00" S 115° 27' 00" E

(c) 30° 50' 00" S 115° 33' 00" E

YMMM/R146C Lancelin

Nature of Activity Gunnery
 Vertical Limits SFC-FL260
 Chart Aus 753 and Aus 754

Administrative Authority Navy
 Times of Use Notam
 Chartlet 9

(a) 30° 41' 00" S 115° 27' 00" E
 thence along the coast to
 (e) 30° 38' 57" S 115° 07' 36" E.

(b) 30° 45' 30" S 115° 17' 30" E
 (d) 30° 39' 41" S 115° 07' 55" E

(c) 30° 47' 56" S 115° 11' 21" E
 thence along the coast to

YMMM/R148 Lancelin

Nature of Activity Military flying
 Vertical Limits SFC-FL260
 Chart Aus 417

Administrative Authority Navy
 Times of Use Notam
 Chartlet 9

(a) 30° 00' 00" S 114° 30' 00" E
 (c) 30° 47' 56" S 115° 11' 21" E
 (f) 31° 40' 00" S 114° 30' 00" E.

(b) 30° 15' 32" S 115° 02' 11" E
 (d) 30° 54' 00" S 114° 56' 00" E

thence along the coast to
 (e) 31° 07' 30" S 115° 05' 00" E

YMMM/R158A Stirling*Nature of Activity* Gunnery*Vertical Limits* SFC-FL950*Chart* Aus 417

31° 18' 54" S 115° 08' 14" E, thence the minor arc of a circle of 50NM radius centred on Pearce Tacan (31° 40' 36" S 116° 01' 03" E), to 31° 54' S 115° 02' 27" E, 31° 38' 51" S 113° 40' 27" E, thence the minor arc of a circle of 120NM radius centred on Pearce Tacan, to 30° 11' 54' 51" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R158B Stirling***Nature of Activity* Gunnery*Vertical Limits* SFC-FL950*Chart* Aus 417

31° 39' 34" S 114° 27' 19" E, thence the minor arc of a circle of 80NM radius centred on Pearce Tacan (31° 40' 26" S 116° 01' 03" E), to 31° 11' S 114° 35' 24" E, 32° 29' 51" S 113° 52' 16" E, thence the minor arc of a circle of 120NM radius centred on Pearce Tacan, to 31° 11' 54' 51" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R158C Stirling***Nature of Activity* Gunnery*Vertical Limits* SFC-FL950*Chart* Aus 417

31° 39' 59" S 115° 14' 10" E, thence the minor arc of a circle of 40NM radius centred on Pearce Tacan (31° 40' 26" S 116° 01' 03" E), to 31° 56" S 115° 18' 16" E, 32° 13' 31" S 114° 35' 24" E, thence the minor arc of a circle of 80NM radius centred on Pearce Tacan, to 31° 11' 54' 51" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R158D Stirling***Nature of Activity* Gunnery*Vertical Limits* SFC-FL950*Chart* Aus 417

32° 13' 31" S 114° 35' 24" E, thence the minor arc of a circle of 80NM radius centred on Pearce Tacan (31° 40' 26" S 116° 01' 03" E), to 32° 43" S 115° 06' 19" E, 33° 18' 18" S 114° 38' 36" E, thence the minor arc of a circle of 120NM radius centred on Pearce Tacan, to 32° 11' 54' 51" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R158E Stirling***Nature of Activity* Gunnery*Vertical Limits* SFC-FL950*Chart* Aus 417

31° 56' 56" S 115° 18' 16" E, thence the minor arc of a circle of 40NM radius centred on Pearce Tacan (31° 40' 26" S 116° 01' 03" E), to 32° 02" S 115° 33' 41" E, 32° 45' 43" S 115° 06' 19" E, thence the minor arc of a circle of 80NM radius centred on Pearce Tacan, to 32° 11' 54' 51" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R158F Stirling***Nature of Activity* Gunnery*Vertical Limits* SFC-FL950*Chart* Aus 417

32° 45' 43" S 115° 06' 19" E, thence the minor arc of a circle of 80NM radius centred on Pearce Tacan (31° 40' 26" S 116° 01' 03" E), to 32° 51" S 115° 20' 34" E, 33° 29' 03" S 115° 00' 06" E, thence the minor arc of a circle of 120NM radius centred on Pearce Tacan, to 33° 11' 54' 51" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R158G Stirling***Nature of Activity* Gunnery*Vertical Limits* SFC-FL950*Chart* Aus 417

32° 13' 02" S 115° 33' 41" E, 32° 25' 41" S 115° 35' 45" E, 32° 52' 51" S 115° 20' 34" E, thence the minor arc of a circle of 80NM radius centred on Pearce Tacan (31° 40' 26" S 116° 01' 03" E), to 32° 45' 43" S 115° 06' 19" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R158H Stirling***Nature of Activity* Military flying*Vertical Limits* SFC-4 500*Chart* Aus 417

32° 25' 41" S 115° 35' 45" E, 32° 13' 02" S 115° 33' 41" E, 32° 09' 45" S 115° 39' 53" E, thence along the western coastline of Garden Island to 32° 14' 35" S 115° 41' 40" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R165 Stirling***Nature of Activity* Military flying*Vertical Limits* SFC-2 500*Chart* Aus 417

31° 27' 29" S 115° 29' 21" E, thence the minor arc of a circle of 30NM radius centred on Pearce Tacan (31° 40' 26" S 116° 01' 03" E), to 31° 13" S 115° 26' 26" E, 31° 36' 07" S 115° 32' 12" E, thence the minor arc of a circle of 25NM radius centred on Pearce Tacan, to 31° 11' 54' 51" E, 31° 56' 56" S 115° 18' 16" E, thence the minor arc of a circle of 40NM radius centred on Pearce Tacan, to 31° 39' 59" S 115° 02' 27" E, thence the minor arc of a circle of 50NM radius centred on Pearce Tacan, to 31° 18' 54" S 115° 02' 27" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9

YMMM/R184 Lancelin*Nature of Activity* Explosive demolition*Vertical Limits* SFC-4 000*Chart* Aus 105

A circle of radius 1.5 NM centred on 30° 52' 54" S 115° 16' 12" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 9**YMMM/R850A Learmonth***Nature of Activity* Military flying training*Vertical Limits* SFC-FL280*Chart* Aus 416

22° 54' 26" S 116° 07' 49" E, thence the minor arc of a circle of 120NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 07' 12" S 113° 21' 00" E, 22° 51' 49" S 113° 50' 54" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 47" S 114° 46' 13" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**YMMM/R850B Learmonth***Nature of Activity* Military flying training*Vertical Limits* FL280-FL600*Chart* Aus 416

22° 54' 26" S 116° 07' 49" E, thence the minor arc of a circle of 120NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 07' 12" S 113° 21' 00" E, 22° 51' 49" S 113° 50' 54" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 47" S 114° 46' 13" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**YMMM/R851A Learmonth***Nature of Activity* Military flying training*Vertical Limits* SFC-10000*Chart* Aus 416

21° 22' 24" S 116° 02' 08" E, thence the minor arc of a circle of 120NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 54' 26" S 116° 07' 49" E, 22° 27' 47" S 114° 46' 13" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 04" S 114° 44' 39" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**YMMM/R851B Learmonth***Nature of Activity* Military flying training*Vertical Limits* 10000-FL280*Chart* Aus 416

21° 22' 24" S 116° 02' 08" E, thence the minor arc of a circle of 120NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 54' 26" S 116° 07' 49" E, 22° 27' 47" S 114° 46' 13" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 04" S 114° 44' 39" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**YMMM/R851C Learmonth***Nature of Activity* Military flying training*Vertical Limits* FL280-FL600*Chart* Aus 416

21° 22' 24" S 116° 02' 08" E, thence the minor arc of a circle of 120NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 54' 26" S 116° 07' 49" E, 22° 27' 47" S 114° 46' 13" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 04" S 114° 44' 39" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**YMMM/R852A Learmonth***Nature of Activity* Military flying training*Vertical Limits* 10000-FL280*Chart* Aus 416

20° 24' 43" S 114° 59' 27" E, thence the minor arc of a circle of 120NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 22' 24" S' 116° S 02' 08" E, 21° 57' 04" S, 114° 44' 39" E thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 40" S 114° 23' 44" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**YMMM/R852B Learmonth***Nature of Activity* Military flying training*Vertical Limits* FL-280-FL600*Chart* Aus 416

20° 24' 43" S 114° 59' 27" E, thence the minor arc of a circle of 120NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 22' 24" S' 116° S 02' 08" E, 21° 57' 04" S, 114° 44' 39" E thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 40" S 114° 23' 44" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**YMMM/R853A Learmonth***Nature of Activity* Military flying training*Vertical Limits* SCF-FL280*Chart* Aus 416

19° 52' 35" S 113° 10' 54" E thence the minor arc of a circle of 150NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" | 57' 19" S 115° 12' 42" E, 20° 52' 05" S 114° 46' 07" E thence the minor arc of a circle of 90NM radius centred on Learmonth DME to 14" S 113° 32' 34" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8

YMMM/R853B Learmonth*Nature of Activity* Military flying training*Vertical Limits* FL280-FL600*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

19° 52' 35" S 113° 10' 54" E thence the minor arc of a circle of 150NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E) 57' 19" S 115° 12' 42" E, 20° 52' 05" S 114° 46' 07" E thence the minor arc of a circle of 90NM radius centred on Learmonth DME to 14" S 113° 32' 34" E.

YMMM/R854A Learmonth*Nature of Activity* Military flying training*Vertical Limits* SFC-FL280*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

20° 49' 14" S 113° 32' 34" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E) 52' 05" S 114° 46' 07" E, 21° 37' 40" S 114° 23' 44" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 25" S 113° 50' 49" E.

YMMM/R854B Learmonth*Nature of Activity* Military flying training*Vertical Limits* FL280-FL600*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

20° 49' 14" S 113° 32' 34" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E) 52' 05" S 114° 46' 07" E, 21° 37' 40" S 114° 23' 44" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 25" S 113° 50' 49" E.

YMMM/R859A Learmonth*Nature of Activity* Military flying training*Vertical Limits* SFC-10 000*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

A circle of 40NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E).

YMMM/R859B Learmonth*Nature of Activity* Military flying training*Vertical Limits* 10 000-FL280*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

A circle of 40NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E).

YMMM/R859C Learmonth*Nature of Activity* Military flying training*Vertical Limits* FL280-FL600*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

A circle of 40NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E).

YMMM/R860A Learmonth*Nature of Activity* Military flying training*Vertical Limits* SFC-2 500*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

A circle of 25NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E).

YMMM/R860B Learmonth*Nature of Activity* Military flying training*Vertical Limits* 2 500-FL280*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

A circle of 25NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E).

YMMM/R860C Learmonth*Nature of Activity* Military flying training*Vertical Limits* FL280-FL600*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

A circle of 25NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E).

YMMM/R861A Learmonth*Nature of Activity* Military flying training and missile/gunnery firing*Vertical Limits* SFC-FL280*Chart* Aus 416*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 8

22° 29' 33" S 112° 29' 59" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E) 49' 14" S 113° 32' 34" E, 21° 36' 25" S 113° 50' 49" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 08" S 113° 23' 11" E.

YMMM/R861B Learmonth

Nature of Activity Military flying training and missile/gunnery firing *Administrative Authority* Air Force

Vertical Limits FL280-FL950

Times of Use Notam

Chart Aus 416

Chartlet 8

22° 29' 33" S 112° 29' 59" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), 49' 14" S 113° 32' 34" E, 21° 36' 25" S 113° 50' 49" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 08" S 113° 23' 11" E.

YMMM/R862A Learmonth

Nature of Activity Military flying training and missile/gunnery firing *Administrative Authority* Air Force

Vertical Limits SFC-FL280

Times of Use Notam

Chart Aus 416

Chartlet 8

22° 39' 16" S 111° 26' 00" E, thence the minor arc of a circle of 150NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), 52' 35" S 113° 10' 54" E, 20° 49' 14" S 113° 32' 34" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME to 33" S 112° 29' 59" E.

YMMM/R862B Learmonth

Nature of Activity Military flying training and missile/gunnery firing *Administrative Authority* Air Force

Vertical Limits FL280-FL950

Times of Use Notam

Chart Aus 416

Chartlet 8

22° 39' 16" S 111° 26' 00" E, thence the minor arc of a circle of 150NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), 52' 35" S 113° 10' 54" E, 20° 49' 14" S 113° 32' 34" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME to 33" S 112° 29' 59" E.

YMMM/R863A Learmonth

Nature of Activity Military flying training and missile/gunnery firing *Administrative Authority* Air Force

Vertical Limits SFC-FL280

Times of Use Notam

Chart Aus 416

Chartlet 8

22° 29' 33" S 112° 29' 59" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), 38' 56" S 113° 32' 16" E, 24° 35' 26" S 113° 09' 38" E, thence the minor arc of a circle of 150NM radius centred on Learmonth DME to 16" S 111° 26' 00" E.

YMMM/R863B Learmonth

Nature of Activity Military flying training and missile/gunnery firing *Administrative Authority* Air Force

Vertical Limits FL280-FL950

Times of Use Notam

Chart Aus 416

Chartlet 8

22° 29' 33" S 112° 29' 59" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), 38' 56" S 113° 32' 16" E, 24° 35' 26" S 113° 09' 38" E, thence the minor arc of a circle of 150NM radius centred on Learmonth DME to 16" S 111° 26' 00" E.

YMMM/R864A Learmonth

Nature of Activity Military flying training and missile/gunnery firing *Administrative Authority* Air Force

Vertical Limits SFC-FL280

Times of Use Notam

Chart Aus 416

Chartlet 8

23° 38' 56" S 113° 32' 16" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), 29' 33" S 112° 29' 59" E, 22° 21' 08" S 113° 23' 11" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 49" S 113° 50' 54" E.

YMMM/R864B Learmonth

Nature of Activity Military flying training and missile/gunnery firing *Administrative Authority* Air Force

Vertical Limits FL280-FL950

Times of Use Notam

Chart Aus 416

Chartlet 8

23° 38' 56" S 113° 32' 16" E, thence the minor arc of a circle of 90NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), 29' 33" S 112° 29' 59" E, 22° 21' 08" S 113° 23' 11" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME to 49" S 113° 50' 54" E.

YMMM/R870A Learmonth

Nature of Activity Bombing *Administrative Authority* Air Force

Vertical Limits SFC-FL250

Times of Use Notam

Chart Aus 416

Chartlet 8

22° 10' 43" S 113° 59' 06" E, thence along Line Road to 22° 14' 09" S 113° 58' 01" E, 22° 28' 39" S 114° 01' 32" E thence the minor circle of 15NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), to 22° 06' 41" S 113° 51' 35" E.

YMMM/R870B Learmonth*Nature of Activity* Bombing*Vertical Limits* SFC-FL250*Chart* Aus 416

22° 06' 41" S 113° 51' 35" E, thence the minor arc of a circle of 15NM radius centred on Learmonth DME (22° 14' 05" S 114° 05' 39" E), to 28° 55' S 114° 02' 50" E, 22° 53' 37" S 113° 58' 10" E, thence the minor arc of a circle of 40NM radius centred on Learmonth DME, to 07° S 113° 28' 18" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 8**SOUTH AUSTRALIA****YMMM/R245 Thistle Island***Nature of Activity* Submarine exercise area*Vertical Limits* Nil*Chart* Aus 776

A circle of 1.0NM radius centred on 34° 55' 54" S 136° 14' 03" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 10**YMMM/R246 Thistle Island***Nature of Activity* Submarine exercise area*Vertical Limits* Nil*Chart* Aus 776

A circle of 2.0NM radius centred on 34° 59' 42" S 136° 13' 12" E.

Administrative Authority Navy*Times of Use* Notam*Chartlet* 10**YMMM/R252 Alamein***Nature of Activity* Artillery firing*Vertical Limits* Notam - FL250*Chart* Aus 344

(a) 32° 40' 30" S 137° 47' 30" E

(d) 32° 59' 00" S 137° 47' 30" E

(f) 32° 57'.00 S 137° 39'.50 E

(b) 32° 47' 00" S 137° 51' 00" E

(e) 32° 59' 00" S 137° 42' 53" E thence along the coast to

(g) 32° 55'.00 S 137° 37'.50 E

(c) 32° 55' 00" S 137° 51' 00" E

(h) 32° 40' 30" S 137° 37' 30" E.

Administrative Authority Army*Times of Use* Notam*Chartlet* 10**YMMM/R254 North East Rock***Nature of Activity* Bombing*Vertical Limits* Notam - FL200*Chart* Aus 776

35° 07' 00" S 136° 21' 43" E, thence the major arc of a circle of 7 NM radius centred on 35° 04' 30" S 136° 29' 40" E, to 35° 07' 00" S 37" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 10**YMMM/R279 Edinburgh***Nature of Activity* Military flying and firing*Vertical Limits* SFC-FL250*Chart* Aus 345

35° 18' 08" S 136° 52' 48" E, thence N along the coast of Yorke Peninsula, to 34° 58' 12" S 137° 46' 05" E, 34° 57' 38" S 138° 03' 31" E the minor arc of a circle of 23 NM radius centred on Adelaide DME (34° 56' 49" S 138° 31' 28" E), to 35° 05' 02" S 138° 05' 19" E, 35° : 137° 23' 33" E, thence W along the N coast of Kangaroo Island, to 35° 43' 19" S 136° 43' 13" E, thence the minor arc of a circle of radius centred on Adelaide DME, to 35° 21' 44" S 136° 33' 21" E.

Administrative Authority Air Force*Times of Use* Notam*Chartlet* 10**YMMM/R295A Port Wakefield***Nature of Activity* Proof firing range*Vertical Limits* SFC-FL250*Chart* Aus 781

(a) 34° 27' 06" S 138° 08' 30" E

thence SE along Port Wakefield Road to

(f) 34° 27' 15" S 138° 13' 29" E

(b) 34° 13' 30" S 138° 08' 30" E

(d) 34° 19' 57" S 138° 16' 15" E

(c) 34° 13' 30" S 138° 11' 59" E

(e) 34° 25' 18" S 138° 16' 06" E

Administrative Authority Army*Times of Use* H24*Chartlet* 10**YMMM/R295B Port Wakefield***Nature of Activity* Proof firing range*Vertical Limits* FL250-FL600*Chart* Aus 781

(a) 34° 27' 06" S 138° 08' 30" E

thence SE along Port Wakefield Road to

(f) 34° 27' 15" S 138° 13' 29" E

(b) 34° 13' 30" S 138° 08' 30" E

(d) 34° 19' 57" S 138° 16' 15" E

(c) 34° 13' 30" S 138° 11' 59" E

(e) 34° 25' 18" S 138° 16' 06" E

Administrative Authority Army*Times of Use* Notam*Chartlet* 10**YMMM/R295C Port Wakefield***Nature of Activity* Proof firing range*Vertical Limits* Notam*Chart* Aus 781

(a) 34° 25' 47" S 138° 15' 27" E

(d) 34° 27' 06" S 138° 08' 30" E

(b) 34° 29' 30" S 138° 16' 30" E

(e) 34° 27' 15" S 138° 13' 29" E.

(c) 34° 29' 30" S 138° 08' 30" E

Administrative Authority Army*Times of Use* Notam*Chartlet* 10

YMMM/R295D Port Wakefield*Nature of Activity* Proof firing range*Vertical Limits* Notam*Chart* Aus 781(a) 34° 29' 30" S 138° 16' 30" E
(d) 34° 29' 30" S 138° 08' 30" E.*Administrative Authority* Army*Times of Use* Notam*Chartlet* 10

(b) 34° 34' 00" S 138° 18' 00" E (c) 34° 34' 00" S 138° 08' 30" E

YMMM/R295E Port Wakefield*Nature of Activity* Proof firing range*Vertical Limits* SFC-FL350*Chart* Aus 781(a) 34° 24' 00" S 138° 03' 30" E
(d) 34° 24' 00" S 138° 08' 30" E.*Administrative Authority* Army*Times of Use* Notam*Chartlet* 10

(b) 34° 13' 30" S 138° 03' 30" E (c) 34° 13' 30" S 138° 08' 30" E

YMMM/R295F Port Wakefield*Nature of Activity* Proof firing range*Vertical Limits* SFC-5 000*Chart* Aus 781(a) 34° 15' 00" S 137° 54' 00" E
(d) 34° 13' 30" S 138° 11' 59" E
(g) 34° 24' 00" S 138° 08' 30" E*Administrative Authority* Army*Times of Use* Notam*Chartlet* 10(b) 34° 09' 00" S 138° 00' 00" E (c) 34° 09' 00" S 138° 05' 00" E
(e) 34° 13' 30" S 138° 03' 30" E (f) 34° 24' 00" S 138° 03' 30" E
(h) 34° 34' 00" S 138° 08' 30" E (i) 34° 34' 00" S 138° 06' 30" E.**YMMM/R296A Kangaroo South***Nature of Activity* Radar tracking and firing*Vertical Limits* Notam - FL700*Chart* Aus 4709(a) 36° 30' 00" S 137° 42' 00" E
(d) 37° 00' 00" S 138° 31' 00" E.*Administrative Authority* Navy*Times of Use* Notam*Chartlet* 10

(b) 36° 10' 00" S 138° 00' 00" E (c) 36° 40' 00" S 138° 49' 00" E

YMMM/R296B Kangaroo South*Nature of Activity* Radar tracking and firing*Vertical Limits* Notam - FL700*Chart* Aus 4709(a) 36° 50' 00" S 137° 23' 00" E
(d) 37° 20' 30" S 138° 12' 00" E.*Administrative Authority* Navy*Times of Use* Notam*Chartlet* 10

(b) 36° 30' 00" S 137° 42' 00" E (c) 37° 00' 00" S 138° 31' 00" E

VICTORIA AND TASMANIA**YMMM/R312A Western Port***Nature of Activity* Gunnery and military flying*Vertical Limits* SFC-9 000*Chart* Aus 788 and Aus 801

38° 30' 00" S 144° 55' 22" E, thence the major arc of a circle of 5NM radius centred on 38° 28' 55" S 145° 01' 35" E, to 38° 32' 52" S 28" E. 38° 35' 30" S 145° 08' 30" E, 38° 43' 58" S 145° 08' 32" E, thence the minor arc of a circle of 16 NM radius centred on 38° 28' 55" 01' 35" E, to 38° 32' 23" S 144° 41' 41" E.

Administrative Authority Navy*Times of Use* Mon-Thu 2330-0530 Fri 2330-0300 Z*Chartlet* 11**YMMM/R312B Western Port***Nature of Activity* Gunnery and military flying*Vertical Limits* SFC-FL500*Chart* Aus 788 and Aus 801

38° 28' 55" S 145° 01' 35" E, 38° 40' 55" S 145° 01' 19" E, thence the minor arc of a circle of 12 NM radius centred on 38° 28' 55" S 35" E, to 38° 31' 31" S 144° 46' 40" E.

Administrative Authority Navy*Times of Use* Mon-Thu 2330-0530 Fri 2330-0300 Z*Chartlet* 11**YMMM/R320 Point Cook***Nature of Activity* Rifle range*Vertical Limits* SFC-1 500*Chart* Aus 155(a) 38° 01' 00" S 144° 42' 35" E
(d) 38° 01' 00" S 144° 44' 35" E.*Administrative Authority* Air Force*Times of Use* Notam*Chartlet* 11

(b) 37° 55' 30" S 144° 42' 35" E (c) 37° 55' 30" S 144° 44' 35" E

YMMM/R327 Point Nepean*Nature of Activity* Firing*Vertical Limits* SFC - 2 000*Chart* Aus 788

38° 19' 01" S 144° 41' 00" E, 38° 20' 14" S 144° 42' 36" E, thence the minor arc of a circle of 1.8 NM radius centred on 38° 19' 01" S 00" E, to 38° 18' 10" S 144° 39' 03" E.

Administrative Authority Army*Times of Use* Notam*Chartlet* 11

YMMM/R331 Port Phillip Bay*Nature of Activity* Military flying and inert mortar firing*Administrative Authority* Navy*Vertical Limits* Notam*Times of Use* Notam*Chart* Aus 155*Chartlet* 11

(a) 38° 15' 00" S 144° 52' 00" E

(b) 38° 06' 00" S 144° 48' 00" E

(c) 37° 55' 00" S 144° 56' 00" E

(d) 38° 08' 00" S 145° 02' 00" E

(e) 38° 15' 00" S 144° 59' 00" E.

YMMM/R332 Hanns Inlet*Nature of Activity* Radar flares*Administrative Authority* Navy*Vertical Limits* SFC - 2 000*Times of Use* H24*Chart* Aus 152*Chartlet* 11

A circle of 1.5 NM radius centred on 38° 22' 48" S 145° 12' 00" E.

YMMM/R339 Cape Schanck*Nature of Activity* Gunnery, military flying and naval activity*Administrative Authority* Navy*Vertical Limits* Notam - FL 500*Times of Use* Notam*Chart* Aus 788 and Aus 801*Chartlet* 11

(a) 38° 51' 00" S 144° 21' 00" E

(b) 38° 38' 00" S 144° 41' 00" E

(c) 38° 36' 16" S 144° 43' 28" E

thence the minor arc of a circle of 16 NM radius centred on 38° 28' 55" S 145° 01' 35" E, to

(d) 38° 44' 45" S 145° 04' 34" E

(e) 38° 49' 30" S 144° 56' 30" E

(f) 39° 02' 00" S 144° 34' 00" E.

YMMM/R369 Stony Head*Nature of Activity* Firing*Administrative Authority* Army*Vertical Limits* Notam - FL150*Times of Use* Notam*Chart* Aus 798*Chartlet* 11

(a) 41° 06' 30" S 146° 59' 00" E

(b) 40° 56' 30" S 146° 54' 00" E

(c) 40° 56' 30" S 147° 05' 30" E

(c) 41° 06' 30" S 147° 05' 30" E.

YMMM/R374 Swan Island*Nature of Activity* Explosives*Administrative Authority* Army*Vertical Limits* SFC-1 500*Times of Use* H24*Chart* Aus 158*Chartlet* 11

A circle of 1 NM radius centred on 38° 14' 50" S 144° 41' 30" E.